XCE SERIES

EXPLOSIONPROOF CONTROL ENCLOSURES

Certifications

Class I, Div. 1 & 2, Groups B, C, & D
Class II, Div. 1 & 2, Groups E, F, & G
Class III
UL1203/CSA C22.2 No. 25 & 30
UL50
NEMA Type 4, 7, 9
NEMA Type 4X (with stainless steel cover both option)

For Global Applications,
ATEX and IECEx, add Prefix "XCEX" to the catalog logic.

PRODUCT INFORMATION

Features

- 64 standard sizes available
- Pre-drilled for hinges (hinges optional)
- Pre-drilled for sub-panel (sub-panel optional)
- One-piece, NEMA 4 water-tight gasket
- Premium, high-strength steel cover bolts
- Internal/external grounding provisions
- Cast-on mounting feet
- Tumblast surface preparation for uniform, natural, aluminum finish
- Cover alignment device (installed on enclosures 18" x 24" and larger)
- Removable lifting-eyes (installed on enclosures 18" x 24" and larger)

Material

- Enclosures cast from proprietary 359 aluminum alloy contains less than 3/10 of 1% copper (.003)
- Standard steel cover bolts are zinc-plated and coated (optional)
- XSM panels are #12 gauge galvanized steel (.108" thick) (optional)
- XSA panels are #10 gauge aluminum (.100 thick) (optional)
- Hinge blocks are extruded 359 aluminum, pins and hardware are stainless steel
- Nitrile "O"-rings in 123006 and larger

Design Options

- Stainless steel cover bolts for NEMA 4X corrosion protection
- Sub-Panels – Available in galvanized steel (XSM) or aluminum (XSA)
- Aluminum hinge kits (with stainless steel hardware)
- Non-removable hinges
- Customer specified drilling and tapping
- Installation of operators and auxiliary devices
- Window kits
- Custom machining – milling, counter-boring, spot-facing, blind-tapped holes, etc
- Installation and wiring of internal terminal blocks and control components
- UL Listed NNNY populated/wired control panels
- Cast-on company logos
- Multiple coating options for additional corrosion resistance
- Special mounting provisions
- Captive cover bolts
- Quad-lead cover bolts
- Flat billet cover option

FLAMEPROOF CONTROL ENCLOSURES

Certifications

Class I, Div. 1 & 2, Groups B, C, & D
Class II, Div. 1 & 2, Groups E, F, & G
Class III
UL1203/CSA C22.2 No. 25 & 30
UL50
NEMA Type 4, 7, 9
NEMA Type 4X (with stainless steel over both option)
Class I, Zone 1, AEx d IIB+H2
Class I, Zone 1, Ex d IIB+H2
0539 II 2GD
IP66
IEC 60079-0
IEC 60079-1/IEC 60079-31
ATEX Directive 2014/34/EU
IEC 60529

*Adalet must drill and tap all entries in ATEX / IECEx certified enclsoures

PRODUCT INFORMATION

Features

• 64 standard sizes available
• Pre-drilled for hinges (hinges optional)
• Pre-drilled for sub-panel (sub-panel optional)
• One-piece, NEMA 4/IP66 water-tight gasket
• Premium, high-strength steel, metric cover bolts
• Internal/external grounding provisions
• Cast-on mounting feet
• Tumblast surface preparation for uniform, natural, aluminum finish
• Cover alignment device (installed on enclosures 18" x 24" and larger)
• Removable lifting-eyes (installed on enclosures 18" x 24" and larger)

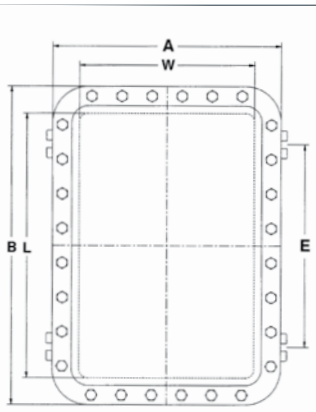
Material

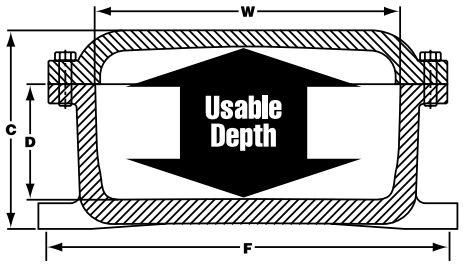
• Enclosures cast from proprietary 359 aluminum alloy – contains less than 3/10 of 1% copper (.003)
• Standard steel metric cover bolts are zinc-plated and coated
• Silicone "O"-rings in 060804 thru 122410
• Nitrile "O"-rings in 123006 and larger
• XSM panels are #12 gauge galvanized steel (.108" thick)
• XSA panels are #10 gauge aluminum (.100 thick)
• Hinge blocks are extruded 359 aluminum, pins and hardware are stainless steel

Design Options

• Stainless steel cover bolts for NEMA 4X corrosion protection
• Sub-Panels – Available in galvanized steel (XSM) or aluminum (XSA)
• Aluminum hinge kits (with stainless steel hardware)
• Non-removable hinges
• Customer specified drilling and tapping
• Installation of operators and auxiliary devices
• Window kits
• Custom machining – milling, counter-boring, spot-facing, blind-tapped holes, etc
• Installation and wiring of internal terminal blocks and control components
• Cast-on company logos
• Multiple coating options for additional corrosion resistance
• Special mounting provisions
• ATEX/ IECEx Zone Rated Control Panels

XCE / XCEX SERIES





XCE/XCEX ENCLOSURES												PANS AND HINGES					
XCE/XCEX Catalog Number	Inside Nom. Dimensions W	L	D	Useable Depth	Overall Dimonsions A	B	C	Mounting Lug CL to CL E	F	Mtg. Bolt Size	Ship Weight	Pan Catalog # Steel	Alum.	Nom. Dimensions W	H	Steel Pan Weight	Hinge Cat #
XCE-041604	4	16	4	4 3/4	7 1/4	19 1/4	6	12 1/8	6 3/4	3/8	25	XSM0416	XSA0416	3 1/4	15 1/4	1 1/2	XHB-2
XCE-060804	6	8	4	4 5/8	9 1/4	11 1/4	5 15/16	4 1/2	9 1/8	3/8	21	XSM0608	XSA0608	5 1/8	7 1/8	1	XHB-2
XCE-060805	6	8	5	5 5/8	9 1/4	11 1/4	6 15/16	4 1/2	9 1/8	3/8	23	XSM0608	XSA0608	5 1/8	7 1/8	1	XHB-2
XCE-060806	6	8	6	6 5/8	9 1/4	11 1/4	7 15/16	4 1/2	9 1/8	3/8	25	XSM0608	XSA0608	5 1/8	7 1/8	1	XHB-2
XCE-061105	6	11	5	5 7/8	9 1/4	14 1/4	7 3/16	7 1/2	9 1/8	3/8	24	XSM0611	XSA0611	5 1/8	10 1/8	1 1/2	XHB-2
XCE-061204	6	12	4	4 3/4	9 1/4	15 1/4	6 1/16	8 1/2	9 1/8	3/8	24	XSM0612	XSA0612	5 1/8	11 1/8	1 3/4	XHB-2
XCE-061206	6	12	6	6 3/4	9 1/4	15 1/4	8 1/16	8 1/2	9 1/8	3/8	29	XSM0612	XSA0612	5 1/8	11 1/8	1 3/4	XHB-2
XCE-061305	6	13	5	5 7/8	9 1/4	16 1/4	7 3/16	9 1/2	9 1/8	3/8	26	XSM0613	XSA0613	5 1/8	12 1/8	2	XHB-2
XCE-071004	7	10	4	4 3/4	10 3/8	13 3/8	6 3/16	6 1/2	9 3/4	3/8	27	XSM0710	XSA0710	6 1/8	9 1/8	1 1/4	XHB-2
XCE-071006	7	10	6 1/8	6 3/4	10 3/8	13 3/8	8 3/16	6 1/2	9 3/4	3/8	31	XSM0710	XSA0710	6 1/8	9 1/8	1 1/4	XHB-2
XCE-071805	7	18 1/4	5	5 3/4	10 3/8	21 5/8	7 3/16	14 1/2	9 3/4	3/8	55	XSM0718	XSA0718	6 1/8	17 3/8	2 1/4	XHB-2
XCE-080804	8	8	4	4 13/16	11 3/8	11 3/8	6 3/8	14 1/2	11	3/8	24	XSM0808	XSA0808	7	7	1 1/4	XHB-2
XCE-080806	8	8	6	6 13/16	11 3/8	11 3/8	8 3/8	14 1/2	11	3/8	28	XSM0808	XSA0808	7	7	1 1/4	XHB-2
XCE-080808	8	8	8	8 13/16	11 3/8	11 3/8	10 3/8	14 1/2	11	3/8	35	XSM0808	XSA0808	7	7	1 1/4	XHB-2
XCE-081004	8	10	4	4 3/4	11 3/8	13 3/8	6 1/4	6 1/2	10 3/4	3/8	30	XSM0810	XSA0810	7	9 1/8	1 1/2	XHB-2
XCE-081006	8	10	6	6 3/4	11 3/8	13 3/8	8 1/4	6 1/2	10 3/4	3/8	34	XSM0810	XSA0810	7	9 1/8	1 1/2	XHB-2
XCE-081204	8	12	4	4 3/4	11 3/8	15 3/8	6 1/4	8 1/2	10 3/4	3/8	34	XSM0812	XSA0812	6 7/8	10 7/8	2 1/4	XHB-2
XCE-081206	8	12	6	6 3/4	11 3/8	15 3/8	8 1/4	8 1/2	10 3/4	3/8	42	XSM0812	XSA0812	6 7/8	10 7/8	2 1/4	XHB-2
XCE-081208	8	12	8	8 3/4	11 3/8	15 3/8	10 1/4	8 1/2	10 3/4	3/8	48	XSM0812	XSA0812	6 7/8	10 7/8	2 1/4	XHB-2
XCE-091105	9	11	5	5 3/4	12 3/8	14 3/8	7 5/16	7 1/2	12	3/8	41	XSM0911	XSA0911	8	10	2 1/2	XHB-2
XCE-101004	10	10	4	4 3/4	13 3/8	13 3/8	6 5/16	6 1/2	13	3/8	34	XSM1010	XSA1010	8 7/8	8 7/8	2 1/2	XHB-2
XCE-101006	10	10	6	6 3/4	13 3/8	13 3/8	8 5/16	6 1/2	13	3/8	44	XSM1010	XSA1010	8 7/8	8 7/8	2 1/2	XHB-2
XCE-101008	10	10	8	8 3/4	13 3/8	13 3/8	10 5/16	6 1/2	13	3/8	50	XSM1010	XSA1010	8 7/8	8 7/8	2 1/2	XHB-2
XCE-101206	10	12	6 1/4	7 1/4	13 3/8	15 3/8	8 7/8	8 1/2	13 1/4	3/8	46	XSM1012	XSA1012	10 7/8	8 7/8	1 1/2	XHB-2
XCE-101404	10	14	4	4 3/4	13 3/8	17 3/8	6 7/16	10 5/8	13	3/8	42	XSM1014	XSA1014	8 7/8	12 7/8	3 1/2	XHB-2
XCE-101406	10	14	6	6 3/4	13 3/8	17 3/8	8 7/16	10 5/8	13	3/8	49	XSM1014	XSA1014	8 7/8	12 7/8	3 1/2	XHB-2
XCE-101408	10	14	8	8 3/4	13 3/8	17 3/8	10 1/2	10 5/8	13	3/8	57	XSM1014	XSA1014	8 7/8	12 7/8	3 1/2	XHB-2
XCE-121206	12	12	6	7	16 1/4	16 1/4	8 15/16	8 5/8	16	1/2	68	XSM1212	XSA1212	10 7/8	10 7/8	3 3/4	XHC-2
XCE-121208	12	12	8	9	16 1/4	16 1/4	10 15/16	8 5/8	16	1/2	80	XSM1212	XSA1212	10 7/8	10 7/8	3 3/4	XHC-2
XCE-121806	12	18	6	6 3/4	16 1/4	22 1/4	8 3/4	14 1/8	16	1/2	93	XSM1218	XSA1218	10 1/2	16 1/2	5 1/2	XHC-2
XCE-121808	12	18	8	8 3/4	16 1/4	22 1/4	10 3/4	14 1/8	16	1/2	101	XSM1218	XSA1218	10 1/2	16 1/2	5 1/2	XHC-2
XCE-122005	12	20	5	5 3/4	16 1/4	24 1/4	8 1/8	14 3/8	16	1/2	104	XSM1220	XSA1220	11	19	6 1/2	XHC-2
XCE-122406	12	24	6	6 15/16	16 1/4	28 1/4	9 1/4	18 3/8	16	1/2	127	XSM1224	XSA1224	11	23	8	XHC-2
XCE-122408	12	24	8	8 15/16	16 1/4	28 1/4	11 1/4	18 3/8	16	1/2	142	XSM1224	XSA1224	11	23	8	XHC-2
XCE-122410	12	24	10	10 15/16	16 1/4	28 1/4	13 1/4	18 3/8	16	1/2	154	XSM1224	XSA1224	11	23	8	XHC-2

XCE / XCEX SERIES

NOTES:

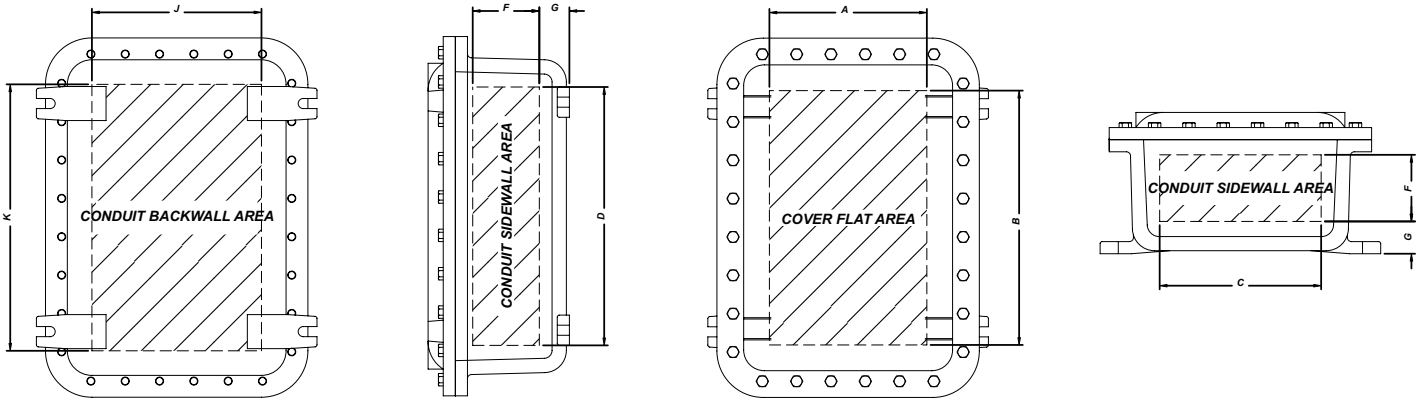
1. Operators, windows and hinges are ordered separately.
2. XCEX Ex d approval optional.
3. Use prefix XCEX when needed.
4. Where reference is made to Class I and Class II hazardous locations, the equipment is suitable for both Division1 and Division 2 locations.
5. Enclosures are pre-drilled for mounting panel and hinge kit unless otherwise specified.

XCE/XCEX ENCLOSURES												PANS AND HINGES					
XCE/XCEX Catalog Number	Inside Nom. Dimensions W	L	D	Useable Depth	Overall Dimonsions A	B	C	Mounting Lug CL to CL E	F	Mtg. Bolt Size	Ship Weight	Pan Catalog # Steel	Alum.	Nom. Dimensions W	H	Steel Pan Weight	Hinge Cat #
XCE-123006	12	30	6	6 11/16	16 3/4	34 1/4	9 5/8	23	16	1/2	180	XSM1230	XSA1230	10 3/4	28 3/4	9 3/4	XHC-2
XCE-123606	12	36	6	6 15/16	16 1/4	40 1/4	9 11/16	29	16	1/2	212	XSM1236	XSA1236	10 3/4	34 3/4	11 3/4	XHD-3
XCE-123608	12	36	8	8 15/16	16 1/4	40 1/4	11 11/16	29	16	5/8	232	XSM1236	XSA1236	10 3/4	34 3/4	11 3/4	XHD-3
XCE-124608	12	46	8	8 15/16	16 1/4	50 1/4	11 11/16	39	16	1/2	280	XSM1246	XSA1246	10 3/4	44 3/4	15	XHD-4
XCE- 141406	14	14	6	7	18 1/4	18 1/4	9 1/4	9 3/4	17 3/4	1/2	97	XSM1414	XSA1414	12 7/8	12 7/8	5	XHC-2
XCE-141408	14	14	8	9	18 1/4	18 1/4	11 1/8	9 3/4	17 3/4	1/2	103	XSM1414	XSA1414	12 7/8	12 7/8	5	XHC-2
XCE-142806	14	28	6	7 13/16	18 1/4	32 1/4	9 9/16	22 1/2	17 3/4	5/8	120	XSM1428	XSA1428	12 7/8	26 7/8	10 3/4	XHF-2
XCE-161606	16	16	6	7 5/8	20 7/8	20 7/8	9 15/16	11	19 3/4	5/8	135	XSM1616	XSA1616	14 3/4	14 3/4	6 3/4	XHD-2
XCE-161608	16	16	8	9 5/8	20 7/8	20 7/8	11 15/16	11	19 3/4	5/8	156	XSM1616	XSA1616	14 3/4	14 3/4	6 3/4	XHD-2
XCE-162406	16	24	6	7 13/16	20 7/8	28 7/8	10 3/8	18 3/8	19 3/4	5/8	190	XSM1624	XSA1624	14 1/2	22 1/2	10 1/4	XHF-2
XCE-162408	16	24	8	9 13/16	20 7/8	28 7/8	12 3/8	18 3/8	19 3/4	5/8	209	XSM1624	XSA1624	14 1/2	22 1/2	10 1/4	XHF-2
XCE-162410	16	24	10	11 13/16	20 7/8	28 7/8	14 3/8	18 3/8	19 3/4	5/8	225	XSM1624	XSA1624	14 1/2	22 1/2	10 1/4	XHF-2
XCE-162806	16	28	6	6 13/16	20 1/2	32 11/16	9 1/2	22 1/2	19 3/4	5/8	200	XSM1628	XSA1628	26 1/2	14 1/2	12	XHF-2
XCE-163406	16	34	6	6 15/16	20 1/2	38 1/2	9 1/2	27	19 3/4	5/8	260	XSM1630	XSA1630	14 1/2	28 1/2	12 1/2	XHF-2
XCE-164610	16	46	10	11 13/16	20 7/8	50 7/8	14 9/16	39	19 3/4	5/8	390	XSM1646	XSA1646	14 1/2	44 1/2	20 1/4	XHF-4
XCE-181806	18	18	6	7 13/16	22 7/8	22 7/8	10 1/2	13	21 3/4	5/8	177	XSM1818	XSA1818	16 3/4	16 3/4	8 3/4	XHF-2
XCE-181808	18	18	8	9 13/16	22 7/8	22 7/8	12 1/2	13	21 3/4	5/8	200	XSM1818	XSA1818	16 3/4	16 3/4	8 3/4	XHF-2
XCE-182406	18	24	6	7 7/16	22 7/8	22 7/8	10 13/16	18 3/8	21 3/4	5/8	226	XSM1824	XSA1824	16 1/2	22 1/2	11 1/2	XHF-2
XCE-182408	18	24	8	9 7/16	22 7/8	28 7/8	12 13/16	18 3/8	21 3/4	5/8	239	XSM1824	XSA1824	16 1/2	22 1/2	11 1/2	XHF-2
XCE-182410	18	24	10	11 7/16	22 7/8	28 7/8	14 13/16	18 3/8	21 3/4	5/8	260	XSM1824	XSA1824	16 1/2	22 1/2	11 1/2	XHF-2
XCE-183008	18	30	8	9 3/8	22 7/8	34 7/8	12 13/16	23	21 3/4	5/8	293	XSM1830	XSA1830	16 1/2	28 1/2	14 3/4	XHF-2
XCE-183608	18	36	8	9 3/8	22 7/8	40 7/8	12 7/8	29	21 3/4	5/8	318	XSM1836	XSA1836	16 1/2	34 1/2	18	XHF-3
XCE-183610	18	36	10	11 3/8	22 7/8	40 7/8	14 7/8	29	21 3/4	5/8	340	XSM1836	XSA1836	16 1/2	34 1/2	18	XHF-3
XCE-242408	24	24	8	9 7/16	28 7/8	28 7/8	12 7/16	18 3/8	28	5/8	302	XSM2424	XSA2424	22	22	15 1/4	XHF-2
XCE-242410	24	24	10	11 7/16	28 7/8	28 7/8	14 7/16	18 3/8	28	5/8	330	XSM2424	XSA2424	22	22	15 1/4	XHF-2
XCE-243008	24	30	8	9 1/4	28 7/8	34 7/8	12 7/16	23	28	5/8	356	XSM2430	XSA2430	22	28	19 1/4	XHF-2
XCE-243608	24	36	8	9 1/4	28 7/8	40 7/8	12 7/16	29	28	5/8	408	XSM2436	XSA2436	34	22	23 1/2	XHF-3
XCE-243610	24	36	10	11 1/4	28 7/8	40 7/8	14 7/16	29	28	5/8	433	XSM2436	XSA2436	34	22	23 1/2	XHF-3
XCE-323612*	32	36	12	12	37 3/4	41 3/4	15 1/2	29	36 1/8	5/8	691	XSM2436	XSA2436	29	33	28 3/4	XHF-3

* This unit has limited approval dependent on number of entries

XCE / XCEX SERIES

COVER & SIDEWALL AREA



	COVER FLAT		CONDUIT - SIDEWALL				BACKWALL	
XCE/XCEX Catalog Number	A	B	C	D	F	G	J	K
XCE-041604	2 1/8	14 1/8	2 11/16	4 11/16	2 7/8	1	3 1/8	15 1/8
XCE-060804	3 7/8	5 7/8	4 11/16	6 11/16	2 7/8	1	5 1/8	17 1/8
XCE-060805	3 7/8	5 7/8	4 5/8	6 5/8	3 7/8	1	5 1/16	7 1/16
XCE-060806	3 7/8	5 7/8	4 9/16	6 9/16	4 7/8	1	4 15/16	16 15/16
XCE-061105	3 7/8	8 7/8	4 5/8	9 5/8	3 5/8	1	5 1/8	10 1/8
XCE-061204	3 7/8	9 7/8	4 11/16	10 11/16	2 7/8	1	5 1/8	11 1/8
XCE-061206	3 7/8	9 7/8	4 9/16	10 9/16	4 9/16	1 5/16	4 7/16	10 7/16
XCE-061305	3 7/8	10 7/8	4 5/8	11 5/8	3 5/8	1	5 1/8	12 1/8
XCE-071004	4 7/8	7 7/8	5 5/8	8 5/8	2 1/2	1 3/8	5 5/8	8 5/8
XCE-071006	4 7/8	7 7/8	5 9/16	8 9/16	4 5/8	1 3/8	5 9/16	8 9/16
XCE-071805	5	16 1/4	5 7/16	16 11/16	3 1/2	1 3/8	5 7/16	16 11/16
XCE-080804	5 7/8	5 7/8	6 5/8	6 5/8	2 11/16	1 1/8	7 1/8	7 1/8
XCE-080806	5 7/8	5 7/8	6 9/16	6 9/16	4 11/16	1 1/8	7 1/16	7 1/16
XCE-080808	5 7/8	5 7/8	6 7/16	6 7/16	6 11/16	1 1/8	6 15/16	6 15/16
XCE-081004	5 7/8	7 7/8	6 5/8	8 5/8	2 1/2	1 3/8	6 5/8	8 5/8
XCE-081006	5 7/8	7 7/8	6 9/16	8 9/16	4 1/2	1 3/8	6 9/16	8 9/16
XCE-081204	5 7/8	9 7/8	6 5/8	10 5/8	2 1/2	1 3/8	6 5/8	10 5/8
XCE-081206	5 7/8	9 7/8	6 9/16	10 9/16	4 1/2	1 3/8	6 5/8	10 9/16
XCE-081208	5 7/8	9 7/8	6 7/16	10 7/16	6 1/2	1 3/8	6 7/16	10 7/16
XCE-091105	6 7/8	8 7/8	7 5/16	9 5/16	3 3/8	1 9/16	7 5/16	9 5/16
XCE-101004	7 7/8	7 7/8	8 3/8	8 3/8	2 3/8	1 9/16	8 3/8	8 3/8
XCE-101006	7 7/8	7 7/8	8 5/16	8 5/16	4 3/8	1 9/16	8 5/16	8 5/16
XCE-101008	7 7/8	7 7/8	8 3/16	8 3/16	6 3/8	1 9/16	8 3/16	8 3/16
XCE-101206	7 7/8	9 3/4	8 1/4	10 1/4	4 5/8	1 9/16	8 1/4	10 1/4
XCE-101404	7 7/8	11 7/8	8 3/8	12 3/8	2 3/8	1 9/16	8 3/8	12 3/8
XCE-101406	7 7/8	11 7/8	8 5/16	12 5/16	4 3/8	1 9/16	8 5/16	12 5/16
XCE-101408	7 7/8	11 7/8	8 1/16	12 1/16	6 1/4	1 3/4	7 5/8	11 5/8
XCE-121206	9 3/4	9 3/4	9 13/16	9 13/16	4 1/8	1 7/8	9 13/16	9 13/16
XCE-121208	9 3/4	9 3/4	9 11/16	9 11/16	6 1/8	1 7/8	9 11/16	9 11/16
XCE-121806	9 3/4	15 3/4	9 13/16	15 13/16	4 1/8	1 7/8	9 13/16	15 13/16
XCE-121808	9 3/4	15 3/4	9 11/16	15 11/16	6 1/8	1 7/8	9 11/16	15 11/16
XCE-122005	9 3/4	17 3/4	10 1/16	18 1/16	3 3/16	2	10 1/16	18 1/16
XCE-122404	9 5/8	21 5/8	10 1/8	22 1/8	2 1/8	2	10 1/8	22 1/8

	COVER FLAT		CONDUIT - SIDEWALL				BACKWALL	
XCE/XCEX Catalog Number	A	B	C	D	F	G	J	K
XCE-122406	9 5/8	21 5/8	10 1/16	22 1/16	4 1/8	2	10 1/16	22 1/16
XCE-122408	9 5/8	21 5/8	9 15/16	21 15/16	6 1/8	2	9 15/16	21 15/16
XCE-122410	9 5/8	21 5/8	9 13/16	21 13/16	8 1/8	2	9 13/16	21 13/16
XCE-123006	9 5/8	27 7/8	10 1/16	28 1/16	4	2 5/16	10 1/16	28 1/16
XCE-123606	9 5/8	33 7/8	10 1/16	34 1/16	4	2 3/8	10 1/16	34 1/16
XCE-123608	9 5/8	33 7/8	9 15/16	33 15/16	6	2 3/8	9 15/16	33 15/16
XCE-124608	9 5/8	42 1/4	9 7/16	43 7/16	5 5/8	2 11/16	9 3/16	43 3/16
XCE-141406	11	11	12 1/16	12 1/16	3 3/4	2 1/8	11 9/16	11 9/16
XCE-141408	11	11	11 15/16	11 15/16	5 3/4	2 1/8	11 7/16	11 7/16
XCE-142806	11	25	11 5/8	25 5/8	4	2	11 5/8	25 5/8
XCE-161606	12 1/2	12 1/2	14 1/16	14 1/16	4	2 1/16	14 1/16	14 1/16
XCE-161608	12 1/2	12 1/2	13 15/16	13 15/16	6	2 1/16	13 15/16	13 15/16
XCE-162406	12 1/2	20 1/2	13 1/2	21 1/2	3 7/8	2 5/16	13 1/2	21 1/2
XCE-162408	12 1/2	20 1/2	13 3/8	21 3/8	5 7/8	2 5/16	13 3/8	21 3/8
XCE-162410	12 1/2	20 1/2	13 1/4	21 1/4	7 7/8	2 5/16	13 1/4	21 1/4
XCE-162806	13 1/4	25 1/4	14 1/16	26 1/16	3 11/16	2 3/16	14 1/16	26 1/16
XCE-163406	13 3/8	31 3/8	14 1/16	32 1/16	3 15/16	2 5/16	14 1/16	32 1/16
XCE-164610	12 1/2	42 1/4	13 7/8	43 7/8	7 7/8	2 7/16	13 7/8	43 7/8
XCE-181806	14 1/4	14 1/4	16 1/16	16 1/16	3 7/8	2 5/16	16 1/16	16 1/16
XCE-181808	14 1/4	14 1/4	15 15/16	15 15/16	5 7/8	2 5/16	15 15/16	15 15/16
XCE-182406	14 1/4	20 1/4	15 7/16	21 7/16	3 7/8	2 1/2	15 7/16	21 7/16
XCE-182408	14 1/4	20 1/4	15 3/8	21 3/8	5 7/8	2 1/2	15 3/8	21 3/8
XCE-182410	14 1/4	20 1/4	15 1/4	21 1/4	7 7/8	2 1/2	15 1/4	21 1/4
XCE-183008	14 1/4	26 1/4	15 3/8	27 3/8	5 7/8	2 1/2	15 3/8	27 3/8
XCE-183608	14 1/4	32 1/4	15 3/8	33 3/8	5 7/8	2 1/2	15 3/8	33 3/8
XCE-183610	14 1/4	32 1/4	15 1/4	33 1/4	7 7/8	2 1/2	15 1/4	33 1/4
XCE-242408	20 1/4	20 1/4	20 7/8	20 7/8	5 5/8	2 9/16	20 7/8	20 7/8
XCE-242410	20 1/4	20 1/4	20 3/4	20 3/4	7 5/8	2 9/16	20 3/4	20 3/4
XCE-243008	20 1/4	26 1/4	20 5/8	26 5/8	5 7/8	2 7/16	21 3/8	27 3/8
XCE-243608	20 1/4	32 1/4	21 3/16	33 3/16	5 7/8	2 1/2	21 15/16	33 15/16
XCE-243610	20 1/4	32 1/4	21 1/8	33 1/8	7 7/8	2 3/4	20 7/8	32 7/8
XCE-323612	28 3/4	32 3/4	30	34	3 3/8	2 3/4	28 7/8	32 7/8

MINIMUM SPACING FOR OPERATORS IN COVERS

NOTES:
For closer spacing consult factory for details. Hydro test may be necessary for closer hole spacing.

	STANDARD OPERATORS				MINIATURE OPERATORS				COVERWALL
XCE/XCEX Catalog Number	Max #	Max Rows	Max Per Row	Spacing CL to CL	Max #	Max Rows	Max Per Row	Spacing CL to CL	Thickness
XCE-041604	5	5	1	2 1/2	13	13	1	1	1/2
XCE-060804	2	2	1	2 1/2	8	4	2	1	1/2
XCE-060805	2	2	1	2 1/2	8	4	2	1	1/2
XCE-060806	2	2	1	2 1/2	8	4	2	1	1/2
XCE-061105	3	3	1	2 1/2	14	7	2	1	1/2
XCE-061204	4	4	1	2 1/2	16	8	2	1	5/8
XCE-061206	4	4	1	2 1/2	16	8	2	1	5/8
XCE-061305	4	4	1	2 1/2	18	9	2	1	1/2
XCE-071004	6	3	2	2 1/2	18	6	3	1	5/8
XCE-071006	6	3	2	2 1/2	18	6	3	1	5/8
XCE-071805	12	6	2	2 1/2	45	15	3	1	5/8
XCE-080804	4	2	2	2 1/2	16	4	4	1	11/16
XCE-080806	4	2	2	2 1/2	16	4	4	1	11/16
XCE-080808	4	2	2	2 1/2	16	4	4	1	11/16
XCE-081004	6	3	2	2 1/2	24	6	4	1	11/16
XCE-081006	6	3	2	2 1/2	24	6	4	1	11/16
XCE-081204	8	4	2	2 1/2	32	8	4	1	11/16
XCE-081206	8	4	2	2 1/2	32	8	4	1	11/16
XCE-081208	8	4	2	2 1/2	32	8	4	1	11/16
XCE-091105	6	3	2	2 1/2	35	7	5	1	11/16
XCE-101004	9	3	3	2 1/2	36	6	6	1	11/16
XCE-101006	9	3	3	2 1/2	36	6	6	1	11/16
XCE-101008	9	3	3	2 1/2	36	6	6	1	11/16
XCE-101206	12	4	3	2 1/2	48	8	6	1	3/4
XCE-101406	12	4	3	2 1/2	60	10	6	1	3/4
XCE-101408	12	4	3	2 1/2	60	10	6	1	3/4
XCE-121206	9	3	3	3	64	8	8	1	7/8
XCE-121208	9	3	3	3	64	8	8	1	7/8
XCE-121806	15	5	3	3	92	144	8	1	15/16
XCE-121808	15	5	3	3	92	14	8	1	15/16
XCE-122005	18	6	3	3	128	16	8	1	1 1/8

	STANDARD OPERATORS				MINIATURE OPERATORS				COVERWALL
XCE/XCEX Catalog Number	Max #	Max Rows	Max Per Row	Spacing CL to CL	Max #	Max Rows	Max Per Row	Spacing CL to CL	Thickness
XCE-122406	21	7	3	3	150	20	8	1	1 1/8
XCE-122408	21	7	3	3	150	20	8	1	1 1/8
XCE-122410	21	7	3	3	150	20	8	1	1 1/8
XCE-123006	27	9	3	3	150	26	8	1	1 3/8
XCE-123606	33	11	3	3	150	32	8	1	1 3/16
XCE-123608	33	11	3	3	150	32	8	1	1 3/16
XCE-124608	42	14	3	3	150	41	8	1	1 1/4
XCE-141406	16	4	4	3	100	10	10	1	7/8
XCE-141408	32	8	4	3	150	24	10	1	7/8
XCE-142806	32	8	4	3	150	24	10	1	1 1/8
XCE-161606	16	4	4	3 1/2	121	11	11	1	7/8
XCE-161608	16	4	4	3 1/2	121	11	11	1	7/8
XCE-162406	24	6	4	3 1/2	150	19	11	1	7/8
XCE-162408	24	6	4	3 1/2	150	19	11	1	7/8
XCE-162410	24	6	4	3 1/2	150	19	11	1	7/8
XCE-162806	28	7	4	3 1/2	150	24	11	1	1 1/4
XCE-163406	32	8	4	3 1/2	150	30	11	1	1 1/4
XCE-164610	48	12	4	3 1/2	150	41	11	1	1
XCE-181806	36	6	6	2 1/2	150	13	13	1	1
XCE-181808	36	6	6	2 1/2	150	13	13	1	1
XCE-182406	24	6	4	3 1/2	150	19	13	1	1 1/2
XCE-182408	24	6	4	3 1/2	150	19	13	1	1 1/2
XCE-182410	24	6	4	3 1/2	150	19	13	1	1 1/2
XCE-183008	32	8	4	3 1/2	150	25	13	1	1 1/2
XCE-183608	36	9	4	3 1/2	150	31	13	1	1 7/8
XCE-183610	36	9	4	3 1/2	150	31	13	1	1 7/8
XCE-242408	36	6	6	3 1/2	150	19	19	1	1 1/2
XCE-242410	36	6	6	3 1/2	150	19	19	1	1 1/2
XCE-243008	42	7	6	3 1/2	150	25	19	1	1 7/8
XCE-243608	54	9	6	3 1/2	150	31	19	1	1 7/8
XCE-243610	54	9	6	3 1/2	150	31	19	1	1 7/8
XCE323612**	42	7	6	3 1/2	50	31	27	1	1 3/8

** Consult factory

XCE / XCEX SERIES

REPLACEMENT PARTS

XCE/XCEX ENCLOSURES						
XCE/XCEX Catalog Number	Cover Gasket (N4)	No. of Bolts Per Enclosure	Standard Bolts (ROHS/Reach Compliant)	Stainless Steel Bolts (N4X)	Hinges	Standard UL/CUL Enclosure
XCE 041604	6563-1	20	1-202	2-223	11913 (XHB-2)	16338-M (CD only)
XCE 0608 SERIES	6563-2	12	1-202	2-223	11913 (XHB-2)	"14289-M (4"" deep) 14295-M (6"" deep)"
XCE 061105	6563-3	16	1-202	2-223	11913 (XHB-2)	14296-M
XCE 0612 SERIES	6563-4	18	1-202	2-223	11913 (XHB-2)	"14297-M (4"" deep) 14298-M (6"" deep)"
XCE 061305	6563-5	18	1-202	2-223	11913 (XHB-2)	14303-M
XCE 071805	6563-7	26	1-224	2-229	11913 (XHB-2)	14314-M
XCE 080806	6563-8	20	1-224	2-229	11913 (XHB-2)	14291-M
XCE 0810 SERIES	6563-9	18	1-224	2-229	11913 (XHB-2)	"14299-M (6"" deep) 14300-M (8"" deep)"
XCE 0812 SERIES	6563-10	20	1-224	2-229	11913 (XHB-2)	"14301-M (6"" deep) 14305-M (8"" deep)"
XCE 091105	6563-11	20	1-224	2-229	11913 (XHB-2)	14315-M
XCE 1010 SERIES	6563-12	20	1-224	2-229	11913 (XHB-2)	"14307-M (6"" deep) 14308-M (8"" deep)"
XCE 101206	6563-33	22	1-224	2-229	11913 (XHB-2)	14335-M
XCE 1014 SERIES	6563-13	22	1-224	2-229	11913 (XHB-2)	"14310-M (6"" deep) 14312-M (8"" deep)"
XCE 1212 SERIES	6563-14	20	1-12	2-239	11935 (XHC-2)	"14316-M (6"" deep) 14317-M (8"" deep)"
XCE 1218 SERIES	6563-15	28	1-12	2-239	11935 (XHC-2)	"14319-M (6"" deep) 14320-M (8"" deep)"
XCE 122005	6563-16	30	1-12	2-239	11935 (XHC-2)	14322-M
XCE 1224 SERIES	6563-17	36	1-12	2-239	11935 (XHC-2)	"14321-M (6"" deep) 14324-M (8"" deep) 14325-M (10"" deep)"
XCE 123006	6563-18	40	1-12	2-239	11935 (XHC-2)	14326-M
XCE 123608	6563-19	50	1-12	2-239	11937 (XHD-3)	14329-M
XCE 124608	6563-20	66	1-70	2-240	11938 (XHD-4)	14330-M
XCE 1414 SERIES	6563-21	24	1-70	2-240	11935 (XHC-2)	"14332-M (6"" deep) 14333-M (8"" deep)"
XCE 1616 SERIES	6563-23	16	1-243	2-241	11935 (XHC-2)	"16665-M (6"" deep) 16675-M (8"" deep)"
XCE 1624 SERIES	6563-24	28	1-243	2-241	11939 (XHF-2)	"16685-M (6"" deep) 16693-M (8"" deep) 16703-M (10"" deep)"
XCE 163406	6563-35	44	1-243	2-241	11937 (XHD-3)	17152-M
XCE 164610	6563-25	46	1-243	2-241	11941 (XHF-4)	16717-M
XCE 1818 SERIES	6563-26	20	1-243	2-241	11939 (XHF-2)	"16722-M (6"" deep) 16733-M (8"" deep)"
XCE 1824 SERIES	6563-27	38	1-243	2-241	11935 (XHC-2)	"16742-M (6"" deep) 16751-M (8"" deep) 16760-M (10"" deep)"
XCE 183008	6563-28	36	1-243	2-241	11939 (XHF-2)	16776-M
XCE 1836 SERIES	6563-29	42	1-243	2-241	11940 (XHF-3)	"16782-M (8"" deep) 16789-M (10"" deep)"
XCE 2424 SERIES	6563-30	40	1-243	2-241	11939 (XHF-2)	"16899-M (8"" deep) 16808-M (10"" deep)"
XCE 243008	6563-31	44	1-243	2-241	11939 (XHF-2)	16817-M
XCE 2436 SERIES	6563-32	48	1-243	2-241	11940 (XHF-3)	"16823-M (8"" deep) 17143-M (10"" deep) 17151-M (12"" deep)"
XCE 323612	6563-38	52	1-243	2-241	11940 (XHF-3)	17513-M

CONDUIT DRILLING AND TAPPING GUIDELINES

When drilling & tapping enclosures for conduit, proper installation requires compliance with the following:

1. Must be tapped with at least 5 full NPT threads in enclosure back or sides only; min. 1/2" conduit size for XCE series.

2. Depth of NPT holes must be plus 1/2 turn min. to plus 2 turns max. past standard NPT plug gage notch.

3. Inner end of conduit openings shall be smooth and well-rounded.

THREAD SIZE OF CONDUIT	MINIMUM WALL THICKNESS AT CONDUIT ENTRANCE EXCLUDING XCEX	
Inches (NPT)	Explosionproof	Dust Ignition Proof / Weather Proof
1/2 - 3/4	3/8 inch	1/4 inch
1 -2	7/16 inch	5/16 inch
2 1/2 - 5	5/8 inch	7/16 inch

Conduit size, inches (NPT)	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5
Minimum Distance from conduit CL to inside corner or back of box	1 5/16	1 7/16	1 9/16	1 3/4	1 7/8	2 1/8	2 3/8	2 11/16	2 15/16	3 1/4	3 7/8
Approximate diameter of union	1 7/8	1 7/8	2 1/16	2 7/8	3 1/4	3 7/8	4 7/8	5 1/2	6	6 1/2	7 1/2

Size	5	4	3 1/2	3	2 1/2	2	1 1/2	1 1/4	1	3/4	1/2
1/2	4 1/2	3 5/8	3 3/8	3	2 5/8	2 3/8	2	1 7/8	1 3/4	1 5/8	1 1/2
3/4	4 3/4	3 3/4	3 1/2	3 1/8	2 3/4	2 1/2	2 1/8	2	1 7/8	1 3/4	-
1	4 7/8	4	3 5/8	3 1/4	3	2 5/8	2 3/8	2 1/4	2	-	-
1 1/4	5 1/8	4 1/8	3 7/8	3 1/2	3 1/8	2 7/8	2 1/2	2 3/8	-	-	-
1 1/2	5 1/2	4 1/4	4	3 5/8	3 1/4	3	2 5/8	-	-	-	-
2	5 3/4	4 5/8	4 1/4	3 7/8	3 5/8	3 1/4	-	-	-	-	-
2 1/2	6	4 7/8	4 5/8	4 1/4	3 7/8	-	-	-	-	-	-
3	6 1/4	5 3/8	5	4 5/8	-	-	-	-	-	-	-
3 1/2	6 1/2	5 5/8	5 1/4	-	-	-	-	-	-	-	-
4	6 3/4	5 7/8	-	-	-	-	-	-	-	-	-
5	7 1/4	-	-	-	-	-	-	-	-	-	-

NOTES:

1. This information is compiled from data which we believe is reliable and is given in good faith. Since the methods of application and conditions under which our products are used are beyond our control, we are not able to guarantee the application and/or use of same. The user assumes all risks and liability in connection with the application and use of our products.
2. All dimensions are in inches.
3. Metric threads available from factory for most applications – Consult Factory.
4. Consult Factory for special spacing arrangements. Hydro test may be required.

AUXILIARY DEVICE DRILLING & TAPPING GUIDELINES

When using an Auxiliary Device in the box wall of an enclosure used in hazardous locations, proper installation requires compliance with the following:

1. A minimum of (5) thread engagement, class 2 fit, required for group C & D applications. A minimum of (7) thread engagement, class 2 fit, required for group B applications.

2. Table 1 shows minimum box wall thickness for Auxiliary Device threads.

3. If Auxiliary Device contains undercut in engaging threaded section, the minimum wall thickness shown in Table 1 must increase to maintain the minimum required thread engagement. (Fig. A)

4. Table 2 provides the minimum distance an Auxiliary Device center can be placed from inside corner or back of box.

5. Table 3 shows minimum spacing between conduit and Auxiliary Device entrances.

6. Table 4 shows minimum spacing between auxiliary device entrances. NOTE: Increase distance between devices as required to maintain minimum through air spacing of contacts required by electrical codes.

7. Double all distances in Table 3 and 4 for holes located in back wall.

TABLE 1

REQUIRED MINIMUM BOX WALL THICKNESS				
Thread Size (In.)	Group C & D min. (5) thread engagement	Group B min. (7) thread engagement	Typical Auxiliary Devices	Drill Dia.
1/2 -14 NPSM	3/8 inch	1/2 inch	XBO, XHPB, XHSS, Standard Operators	.747/.759
3/4 -14 NPSM	3/8 inch	1/2 inch	XBO, XHPB, XHSS, Standard Operators	.958/.970
1 -11 1/2 NPSM	7/16 inch	5/8 inch	XCBH Large Handle Assembly	1.201/1.211
3/8 - 18 NPSM	9/32 inch	13/32 inch	XCBH Small Handle Assembly	.603/.612
3/8 - 16 UNC	5/16 inch	7/16 inch	XMOB, XMOSS, Mini Operators	5/16

TABLE 2

REQUIRED MINIMUM BOX WALL THICKNESS	3/8 - 16 UNC	3/8 NPSM	1/2 NPSM	3/4 NPSM	1 NPSM
Minimum Distance from auxiliary Device CL to corner of back of box	1 1/2	1 5/8	1 3/4	1 7/8	2

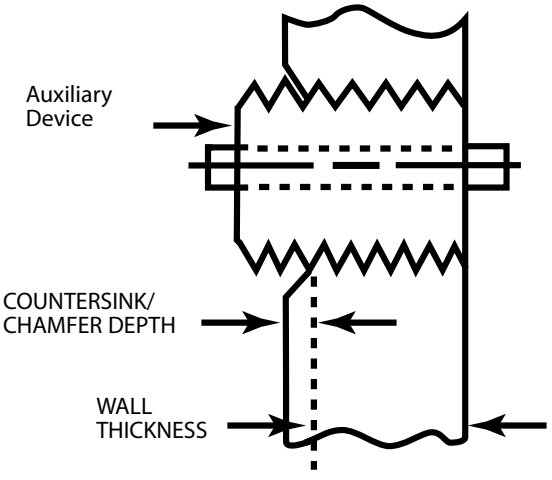
TABLE 3

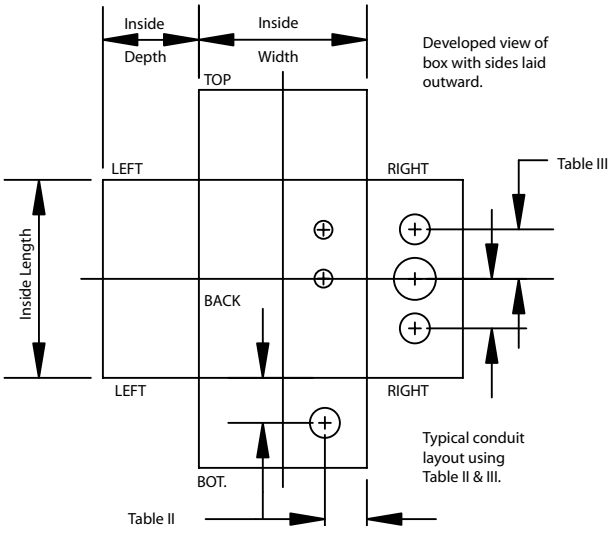
THREAD SIZE OF CONDUIT											
AUXILIARY DEVICE THREAD (In.)	5	4	3 1/2	3	2 1/2	2	1 1/2	1 1/4	1	3/4	1/2
3/8	4 1/2	3 5/8	3 3/8	3	2 5/8	2 3/8	2	1 7/8	1 3/4	1 5/8	1 1/2
1/2	4 5/8	3 3/4	3 1/2	3 1/8	2 3/4	2 1/2	2 1/4	2 1/8	2	1 7/8	1 3/4
3/4	4 3/4	4	3 5/8	3 1/4	2 7/8	2 5/8	2 3/8	2 1/4	2 1/8	2	1 7/8
1	5	4 1/4	3 7/8	3 1/2	3	2 3/4	2 1/2	2 3/8	2 1/4	2 1/8	2

TABLE 4

MIN. SPACING BETWEEN AUX. DEVICE OF VARYING THREAD SIZES (INCHES)				
	3/8	1/2	1/2	1
3/8	1 1/2	1 1/2	1 1/2	2 1/2
1/2	1 1/2	2	2	2 1/2
3/4	1 1/2	2	2	3
1	2 1/2	2 1/2	3	3 1/2

FIG. A
SEE NOTE 3





XGC: EXPLOSIONPROOF CIRCULAR WINDOWS

Certifications

• Windows match the certification of Adalet enclosure in which it is installed

PRODUCT INFORMATION

Features

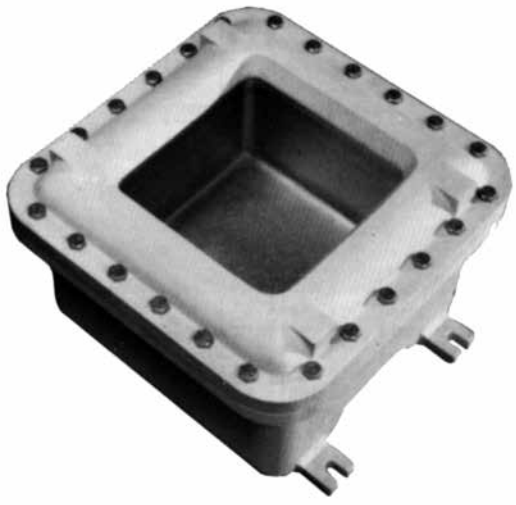
• 7 standard sizes available
• One-piece, NEMA 4 water-tight gasket
• Tumblast window frame for uniform, natural, aluminum finish
• Impact-resistant, shatterproof glass that won't cloud or scratch
• Available factory-installed or as a kit for field installation

Material

• Window frames cast from proprietary 359 aluminum alloy – contains less than 3/10 of 1% copper (.003)
• Nitrile "O"-rings
• Tempered soda-lime glass

XGC WINDOWS				
Catalog Number	Viewing Dia. (in.)	Overall Diameter	Min.Enclosure Inside W/L	Thread Tap
XGC 10 N4	1 1/8	3	8	2 1/2-16 UN-2B
XGC 20 N4	1 15/16	4 1/8	9	3 5/8-12 UN-2B
XGC 30 N4	3	5 3/16	9	4 3/4 - 12 UN-2B
XGC 40 N4	4	6 3/8	9	5 1/2 - 12 UNS-2B
XGC 52 N4	5 1/4	7 7/8	10	7 1/8 - 12 UNS-2B
XGC 66 N4	6 11/16	10 3/8	16	9 1/8 - 12 UNS-2B
XGC 80 N4	8	12 1/8	18	10 7/8 - 8 UNS-2B

XGW: EXPLOSIONPROOF FACTORY INSTALLED WINDOWS



NOTES:
XGW Windows are installed only and cannot be field installed. Please specify enclosure size.

PRODUCT INFORMATION

Features

• 10 standard sizes available
• Beveled edge for superior aesthetics
• Impact-resistant, shatterproof glass that won't cloud or scratch
• Factory-sealed

Design Options

• Customizable to any viewing area ranging: 3" x 3" - 13" x 13"

Material

• 304SS retaining plate
• Tempered soda-lime glass

THREAD SIZE OF CONDUIT			
Catalog Number	Viewing Area (in.)	Min. Enclosure Inside Length	Min. Enclosure Inside Width
XGW 0303	3x3	8	8
XGW 0305	3x5	8	10
XGW 0307	3x7	8	12
XGW 0505	5x5	10	10
XGW 0509	5x9	10	14
XGW 0707	7x7	12	12
XGW 0713	7x13	12	18
XGW 0909	9x9	14	14
XGW 1111	11x11	16	16
XGW 1313	13x13	18	18

XCESX SERIES

CAST STAINLESS STEEL EXPLOSIONPROOF CONTROL ENCLOSURES

Certifications

Class I, Div. 1 & 2, Groups B, C, & D
Class II, Div. 1 & 2, Groups E, F, & G
Class III
NEMA Type 4X, 7, 9
Class I, Zone 1, AEx d IIB+H2
Class I, Zone 1, Ex d IIB+H2
0539 II 2GD
IP66
UL1203/CSA C22.2 No. 25 & 30
UL50
IEC 60079-0
IEC 60079-1/IEC 60079-31
ATEX Directive 2014/34/EU
IEC 60529

*ATEX / IECEx certification is optional, please specify at the quotation.

PRODUCT INFORMATION

Features

- 8 standard sizes available
- Pre-drilled for hinges (hinges included)
- Pre-drilled for sub-panel (sub-panel optional)
- One-piece, NEMA 4X/IP66 water-tight gasket
- Flat cover design
- Premium, high-strength stainless steel, metric cover bolts
- Internal/external grounding provisions
- Cast-on mounting feet
- Cover alignment device (installed on enclosures 12” x 24” and larger)
- Removable lifting-eyes (installed on enclosures 12” x 24” and larger)

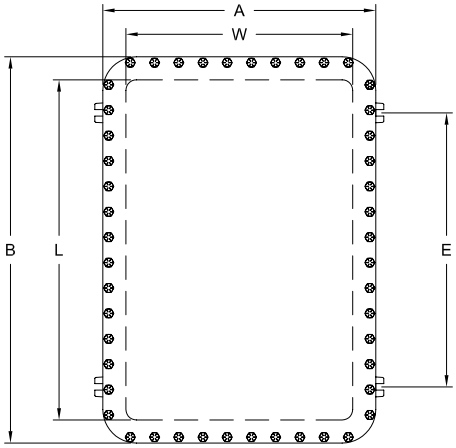
Material

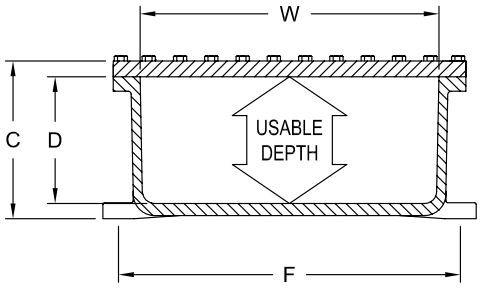
- Enclosures cast from 316L stainless steel
- Stainless steel metric cover bolts
- Nitrile “O”-rings
- XSM panels are #12 gauge galvanized steel (.108” thick) (optional)
- XSA panels are #10 gauge aluminum (.100 thick) (optional)
- Hinge blocks are 316L stainless steel with stainless steel hardware

Design Options

- Sub-Panels – available in galvanized steel (XSM) or aluminum (XSA)
- Stainless steel hinge kits (with stainless steel hardware)
- Non-removable hinges
- Customer specified drilling and tapping
- Installation of operators and auxiliary devices
- Window kits
- Custom machining – milling, counter-boring, spot-facing, blind-tapped holes, etc
- Installation and wiring of internal terminal blocks and control components
- Multiple coating options for additional corrosion resistance

XCESX SERIES

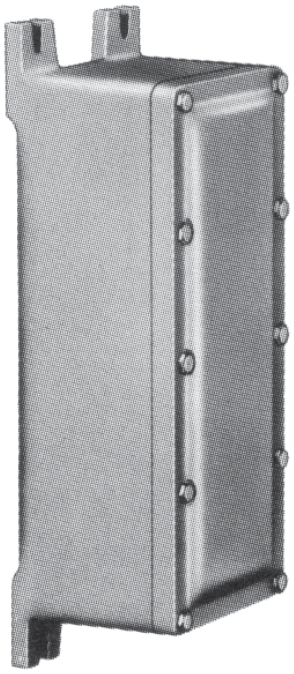




XCESX ENCLOSURES											PANS AND HINGES					
XCESX Catalog Number	Inside Nom. Dimensions			Useable Depth	Overall Dimensions			Mounting Lug CL to CL		Mtg. Bolt Size	Ship Weight	Pan Catalog Number		Nom Dimensions		Steel Pan Weight	Hinge Cat #
	W	L	D		A	B	C	E	F			Steel	Alum.	W	H		
081006	8	10	6	6	11 3/4	13 3/4	8	6 1/2	10 3/4	7/16	125	XSM0810	XSA0810	7	9 1/8	2	XHBK-2
101408	10	14	8	8	13 9/16	17 7/16	9 7/8	10 7/8	13	7/16	195	XSM1014	XSA1014	8 7/8	12 7/8	3 1/2	XHBK-2
121208	12	12	8	8	16 1/4	16 1/4	9 7/8	8 5/8	15 3/4	5/8	210	XSM1212	XSA1212	10 7/8	10 7/8	3 3/4	XHCK-2
122410	12	24	10	10	16 1/4	28 1/4	11 3/4	18 3/8	15 3/4	5/8	380	XSM1224	XSA1224	11	23	8	XHCK-2
161608	16	16	8	8	20 7/8	20 7/8	10 1/2	8 3/8	19 3/4	3/4	330	XSM1616	XSA1616	14 3/4	14 3/4	6 1/4	XHDK-2
182410	18	24	10	10	22 7/8	28 7/8	12 3/8	18 3/8	21 3/4	3/4	590	XSM1824	XSA1824	16 1/2	22 1/2	10 1/2	XHFK-2
242410	24	24	10	10	28 7/8	28 7/8	12 3/8	18 3/8	28	3/4	735	XSM2424	XSA2424	22	22	15 1/4	XHFK-2
243610	24	36	10	10	28 7/8	40 7/8	12 3/8	29	28	3/4	985	XSM2436	XSA2436	34	22	23 1/2	XHFK-2

XIFC SERIES

EXPLOSIONPROOF INTERNAL FLANGE CONTROL ENCLOSURES



Certifications

Class I, Div. 1 and 2, Groups C and D
Class II, Div. 1 and 2, Groups E, F, and G
Class III
UL1203/CSA C22.2 No. 25 & 30
UL50
NEMA Type 4, 7, and 9
Type 4X w/ SS Cover Bolt

PRODUCT INFORMATION

Features

- 13 standard sizes available
- One-piece, NEMA 4 water-tight gasket
- Premium, high-strength steel cover bolts
- Internal/external grounding provisions
- Cast-on mounting feet
- Tumblast surface preparation for uniform, natural, aluminum finish

Material

- Enclosures cast from proprietary 359 aluminum alloy – contains less than 3/10 of 1% copper (.003)
- Standard steel metric cover bolts are zinc-plated and coated
- Nitrile “O”-rings
- XSM panels are #12 gauge galvanized steel (.108” thick) (optional)
- XSA panels are #10 gauge aluminum (.100 thick) (optional)

Design Options

- Blind-tapped holes for sub-panels
- Sub-panels – Available in galvanized steel (XSM) or aluminum (XSA)
- Customer specified drilling and tapping
- Installation of operators and auxiliary devices
- Custom machining – milling, counter-boring, spot-facing, blind-tapped holes, etc
- Installation and wiring of internal terminal blocks and control components
- Cast-on company logos
- Multiple coating options for additional corrosion resistance
- Special mounting provisions

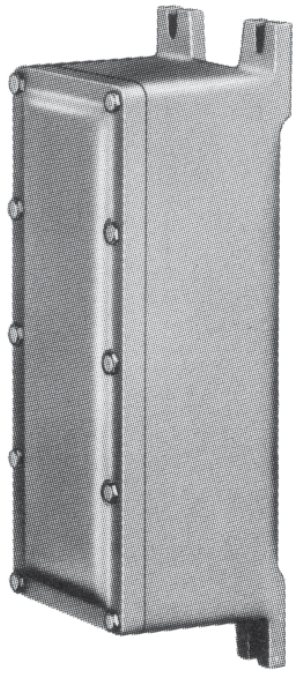
XIFCX SERIES

FLAMEPROOF INTERNAL FLANGE CONTROL ENCLOSURES

Certifications

Class I, Div. 1 & 2, Groups C, & D
Class II, Div. 1 & 2, Groups E, F, & G
Class III
UL1203/CSA C22.2 No. 25 & 30
UL50
NEMA Type 7, 9
Class I, Zone 1, AEx d IIB
Class I, Zone 1, Ex d IIB
0539 II 2G
IP40
IEC 60079-1
ATEX Directive 94/9/EC
IEC 60529

*Adalet must drill and tap all entries in ATEX / IECEx certified enclsoures



PRODUCT INFORMATION

Features

• 13 standard sizes available
• Premium, high-strength steel, metric cover bolts
• Internal/external grounding provisions
• Cast-on mounting feet
• Tumblast surface preparation for uniform, natural, aluminum finish

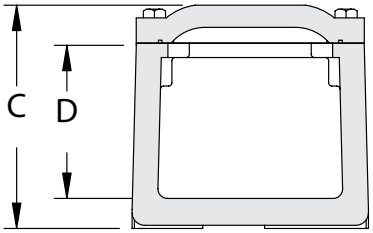
Material

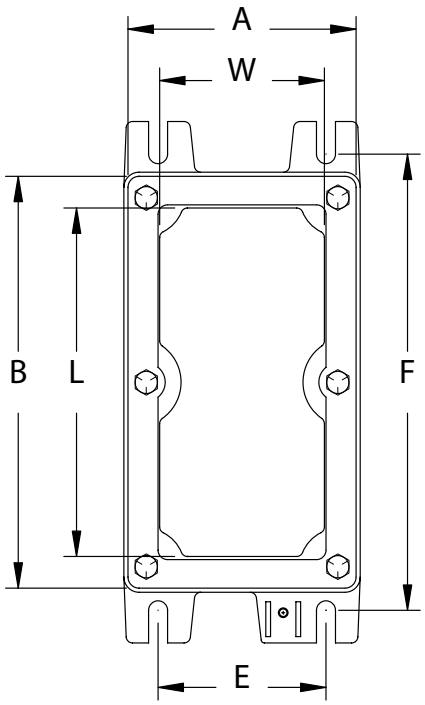
• Enclosures cast from proprietary 359 aluminum alloy – contains less than 3/10 of 1% copper (.003)
• Standard steel cover bolts are zinc-plated and coated
• Nitrile “O”-rings
• XSM panels are #12 gauge galvanized steel (.108” thick) (optional)
• XSA panels are #10 gauge aluminum (.100 thick) (optional)

Design Options

• Blind-tapped holes for sub-panels
• Sub-panels – Available in galvanized steel (XSM) or aluminum (XSA)
• Customer specified drilling and tapping
• Installation of operators and auxiliary devices
• Custom machining – milling, counter-boring, spot-facing, blind-tapped holes, etc
• Installation and wiring of internal terminal blocks and control components
• Cast-on company logos
• Multiple coating options for additional corrosion resistance
• Special mounting provisions

XIFC / XIFCX SERIES





XIFC / XIFCX ENCLOSURE											PANELS			
XIFC / XIFCX Catalog Number	Inside Nom. Dimensions			Overall Dimensions			Mounting Lug CL to CL		Mtg. Bolt Size	Ship Weight	Pan Catalog Number		Panel Dimensions	
	W	L	D	A	B	C	E	F			Steel	Alum.	W	L
XIFC/X-030303	3 5/16	3 5/16	3 3/16	4 1/2	4 1/2	4 5/16	3 1/4	5 1/2	5/16	5	XSM0303	XSA0303	3	3
XIFC/X-030603	3 1/4	5 3/4	3	4 1/2	7 1/16	4 1/4	3 1/4	8	5/16	6 1/2	XSM0306	XSA0306	3	5 1/2
XIFC/X-030703	3 1/4	6 7/8	3	4 1/2	8 1/8	4 5/16	3 5/16	9	5/16	7 1/2	XSM0307	XSA0307	3	6 1/2
XIFC/X-030903	3 11/32	8 15/16	3	4 1/2	10 1/16	4 5/16	3 1/4	11	5/16	9 1/2	XSM0309	XSA0309	3	8 1/2
XIFC/X-031103	3 1/4	10 15/16	3	4 1/2	12	4 5/16	3 1/4	13	5/16	11	XSM0311	XSA0311	3	10 1/2
XIFC/X-031303	3 1/4	12 13/16	3	4 1/2	14 1/16	4 5/16	3 1/4	15	5/16	11 1/2	XSM0313	XSA0313	3	12 1/2
XIFC/X-031503	3 1/4	14 3/4	3 1/16	4 1/2	16	4 5/16	3 1/4	17	5/16	13	XSM0315	XSA0315	3	14 1/2
XIFC/X-040604	4 1/8	5 7/8	4	5 3/8	7	5 5/16	4 3/8	8 1/4	5/16	8 1/2	XSM0406	XSA0406	3 7/8	5 1/2
XIFC/X-041204	4 1/4	11 13/16	4	5 1/2	13 1/8	5 5/16	4 3/8	14 1/4	5/16	15 1/2	XSM0412	XSA0412	3 7/8	11 1/2
XIFC/X-060606	5 1/2	5 1/2	6	7	7	7 3/8	5 1/2	8 1/2	3/8	14	XSM0606	XSA0606	5 1/2	5 1/2
XIFC/X-060608	5 1/4	5 1/2	8	7	7	9 3/8	5 1/2	8 1/2	3/8	17 1/2	XSM0606	XSA0606	5 1/2	5 1/2
XIFC/X-061206	5 1/4	11 1/8	6	7 1/4	13 1/2	7 5/8	5 1/2	15	3/8	28	XSM0612	XSA0612	5 1/2	11 1/2
XIFC/X-070704	6 7/8	6 7/8	4	7 15/16	7 15/16	5 5/1	6 5/8	9 1/8	3/8	13	XSM0707	XSA0707	6 1/2	6 1/2

CONTROL STATION

PRISTAR: CONFIGURABLE EXPLOSIONPROOF CONTROL STATIONS

Certifications

Class I, Div. 1 & 2, Groups C, & D
Class II, Div. 1 & 2, Groups E, F, & G
Class III
UL1203/CSA C22.2 No. 25 & 30
UL50
NEMA Type 4, 7, 9
Type 4X w/ SS Cover Bolt

PRODUCT INFORMATION

Features

- Configure with up to 7 devices
- One-piece, NEMA 4 water-tight gasket
- Premium, high-strength steel cover bolts
- Internal grounding provisions
- Cast-on mounting feet
- Tumblast surface preparation for uniform, natural aluminum finish
- Wide variety of operating devices

Configuration Instructions

STEP 1: Select your enclosure size from Table A

STEP 2: Select your devices from Tables B1-B4 in order from TOP TO BOTTOM as you would like them installed in your control station

STEP 3: Add legend engraving in order from TOP TO BOTTOM as you would like them installed in your control station (please limit characters to 20 per legend)

EXAMPLE:

4-Device Control Station w/	Green Momentary Pushbutton w 1NO contact “START”
	Red Momentary Pushbutton w/ 1NC contact “STOP”
	Green 120V LED Pilot Light “ON”
	Maintained E-Stop w/ 1NO/1NC contact “EMERGENCY STOP”

ORDER AS: X4-N4-445-451-403-462-START-STOP-ON-EMERGENCY STOP

CONTROL STATION

CONFIGURATION TABLES

TABLE A

SELECT ENCLOSURE BASE UPON # OF DEVICES				
# of Operators	UL/CSA Item#	ATEX/IECEx Item#	Std. Conduit Size (feed through)	XIFC Enclosure Size
1	X1 N4	X1X*	3/4"	XIFC 030303 N4
2	X2 N4	X2X*	3/4"	XIFC 030603 N4
3	X3 N4	X3X*	3/4"	XIFC 030703 N4
4	X4 N4	X4X*	1"	XIFC 030903 N4
5	X5 N4	X5X*	1 1/4"	XIFC 031103 N4
6	X6 N4	X6X*	11/4"	XIFC 031303 N4
7	X7 N4	X7X*	1 1/4"	XIFC 031503 N4

*NEMA 4 water-tight gasket not avaiable on ATEX/IECEx Version - IP40 only.

TABLE B1

PILOT LIGHTS (GUARDED W/TERMINAL)*				
Color	120V LED	24V LED	120V Incandescent	120V Incandescent
Amber	400	406	337	412
Blue	401	407	338	413
Clear	402	408	339	414
Green	403	409	340	415
Red	404	410	341	416
White	405	411	342	417

*LED version must be selected for ATEX/IECEx applications.

TABLE B2

PILOT LIGHTS (GUARDED)				
Color	120V LED	24V LED	120V Incandescent	120V Incandescent
Amber	418	424	430	436
Blue	419	425	431	437
Clear	420	426	432	438
Green	421	427	433	439
Red	422	428	434	440
White	423	429	435	441

TABLE B3

	SELECTOR SWITCHES										
			STANDARD SELECTOR SWITCHES					STANDARD SELECTOR SWITCHES			
	Contact Block	CAM#	CAM/Contact Sequence	Standard Selector Switch	Selector Switch W/ Padlock	Spring Ret. Center from R & L	Spring Ret. Center From R	Spring Ret. Center from L	Standard Key Switch	Spring Ret. Center from R & L	Spring Ret. Center From R	Spring Ret. Center from L
TWO POSITION SWITCHES	BT-1A(1NO/1NC)	1	X OX	6	283	N/A	N/A	N/A	82	N/A	N/A	N/A
	BT-1B(1NC/1NO)	1	OX / XO	7	284	N/A	N/A	N/A	83	N/A	N/A	N/A
	BT-2 (2NO)	1	OX / OX	8	285	N/A	N/A	N/A	84	N/A	N/A	N/A
	BT-3 (2NC)	1	XO / XO	9	286	N/A	N/A	N/A	85	N/A	N/A	N/A
THREE POSITION SWITCHES	BT-2 (2NO)	3	XOO / OOX	10	293	111	135	159	86	229	249	269
	BT-1B (1NC/1NO)	2	XOX / XXO	11	288	112	136	160	87	224	244	264
	BT-2 (2NO)	2	XOX / XXO	12	289	113	137	161	88	225	245	265
	BT-3 (2NC)	2	OXO/ XXO	13	290	114	138	162	89	226	246	266
	BT-3 (2NC)	3	OXX / XXO	14	294	115	139	163	90	230	250	270
	BT-1A (1NO/1NC)	2	OXO/ OOX	15	287	116	140	164	91	223	243	263
	BT-1A (1NO/1NC)	3	OXX /OOX	16	291	117	141	165	92	227	247	267
	BT-1B (1NC/1NO)	3	XOO / XXO	17	292	118	142	166	93	228	248	268

CONTROL STATION

CONFIGURATION TABLES

TABLE B4

PUSHBUTTONS										
Momentary Pushbutton Contact Block	Momentary Pushbutton (Black)	Momentary Pushbutton (Green)	Momentary Pushbutton (Red)	Momentary W/ Padlock (Black)	Momentary W/ Padlock (Green)	Momentary W/ Padlock (Red)	Momentary Mushroom Head Pushbutton (Red)	Maintained (Push-Pull) Mushroom Head Pushbutton Head Pushbutton (Red)	Maintained (Push-Pull) Mushroom Head Pushbutton Head Pushbutton (Red) W/ Guard	Momentary Dual Pushbutton (Green "START" & Red "Stop")
BT-1A(1NO/1NC)	1	442	447	307	452	457	106	462	465	72
BT-2 (2NO)	2	443	448	308	453	458	107	463	466	73
BT-3 (2NC)	3	444	449	309	454	459	108	464	467	74
BT-4 (1NO)	4	445	450	310	455	460	109	N/A	468	N/A
BT-5 (1NC)	5	446	451	311	456	461	110	N/A	469	N/A

OTHER PILOT DEVICES AVAILABLE – CONSULT FACTORY.

CONTROL STATION

DIMENSIONS					
Enclosure	Nom. Inside Dimensions	Dimensions (in.) A	Dimensions (in.) B	EST Weight (LBS)	Std. Conduit* Siz (in.)
X1	30303	4 1/2	5 1/2	5	3/4"
X2	30603	7 1/16'	8	7	3/4'
X3	30703	8 1/8'	9	8	3/4'
X4	30903	10 1/16'	11	10	1
X5	31103	12 1/16'	13	11	1 1/4'
X6	31303	14 1/16'	15	12	1 1/4'
X7	31503	16	17	13	1 1/4'

Control Stations have conduit openings centered on top and bottom.
*Consult factory for other conduit sizes.

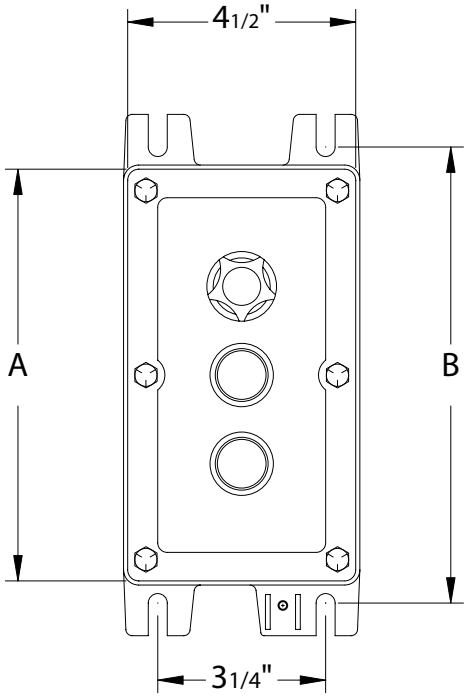


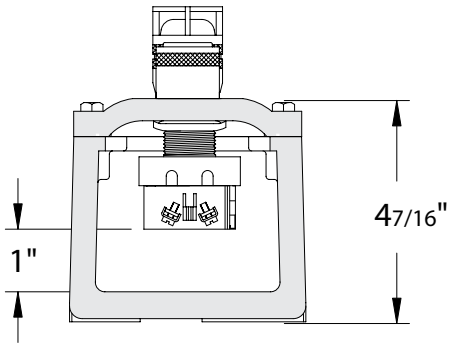
TABLE F2 - LEGEND PLATES STANDARD MARKING

STANDARD MARKING				
PUSHBUTTON / PILOT LIGHTS			SELECTOR SWITCHES	
Blank	Slow	Reset	Run-Jog	Open-Off-Close
Start	Open	In	Hand-Auto	Fast-Off-Slow
Inch	Close	Out	Forward-Reverse	Run-Auto-Jog
Stop	Up	Left	Fast-Slow	Hand-Off-Auto
Run	Jog	Right	Open-Close	Forward-Off-Reverse
Forward	On	Low	Up-Down	1-Off-2
Reverse	Off	High	Off-On	Up-Off-Down
Fast	Back	Down		
		E-Stop		

Legend plates are anodized aluminum with engraved letters on black background.
Stop has red and start has green background. Special engraved legend plates can be supplied.

CONTACT RATINGS

MAX RATING: TYPE BT CONTACT BLOCKS								
	AC				DC			
Volts	110	220	440	550	24/28	120	240	600
Make & Emergency Interrupting Capacity A	60.	30.	15.	12.	5.7	1.1	0.5	0.2
Normal Load Break A	6.	3.	1.5	1.2	5.7	1.1	0.5	0.2
Continuous Current A	10.	10.	10.	10.	5.	10.	10.	10.5



PENDANT STATION

X_CP: EXPLOSIONPROOF PENDANT STATIONS

Certifications

Class I, Div. 1 & 2, Groups C, & D
Class II, Div. 1 & 2, Groups E, F, & G
Class III
UL1203/CSA C22.2 No. 25 & 30
UL50
NEMA Type 4, 7, 9

PRODUCT INFORMATION

Features

- 7 standard sizes available
- One-piece, NEMA 4 water-tight gasket
- Premium, high-strength, stainless steel cover bolts
- Internal/external grounding provisions
- Cast-on mounting feet
- Safety Yellow powder-coating for high visibility and enhanced corrosion protection
- Powder-coated (black) steel handles
- Wide variety of operating devices

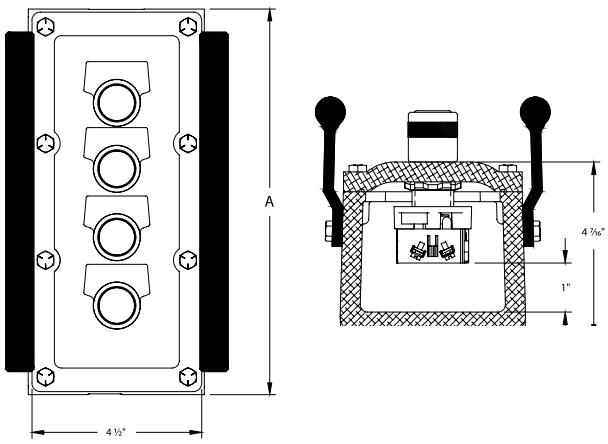
Material

- Enclosures cast from proprietary 359 aluminum alloy – contains less than 3/10 of 1% copper (.003)
- Stainless steel cover bolts
- Nitrile "O"-rings
- Cold-rolled steel handles powder coated "Carbon Black"

Design Options

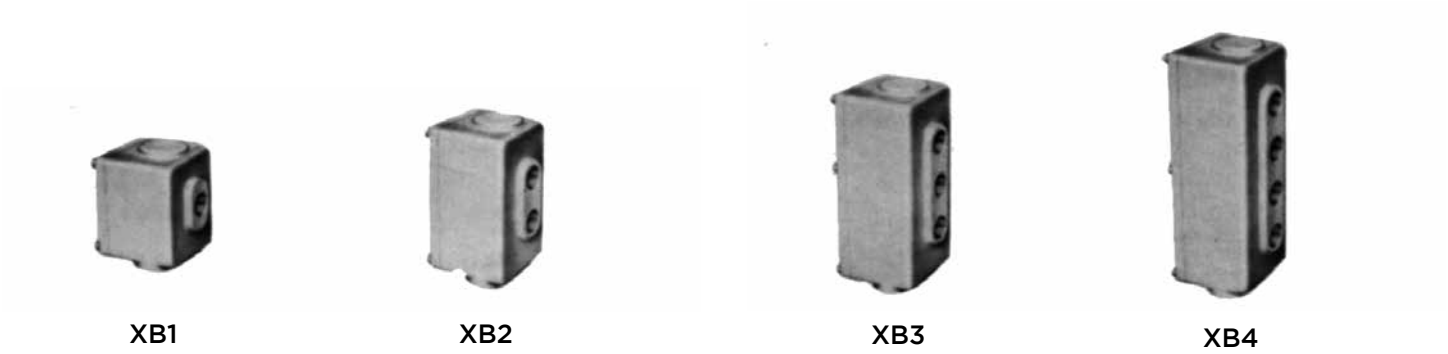
- Customer specified drilling and tapping
- Installation of operators and auxiliary devices
- Custom machining – milling, counter-boring, spot-facing, blind-tapped holes, etc
- Hanging brackets and strain relief accessories for safe hanging and operation

PENDANT / OPERATOR STATION				
Enclosure	Nom. Inside Dim.	Dimension A	Est. Weight (lbs.)	Std. Conduit Size (in.)
X2CP	30603	7 1/16	7	3/4'
X3CP	30703	8 1/8	8	3/4'
X4CP	30903	10 1/16	10	1
X5CP	31103	12 1/16	11	1 1/4
X6CP	31303	14 1/16	12	1 1/4
X7CP	31503	16	13	1 1/4

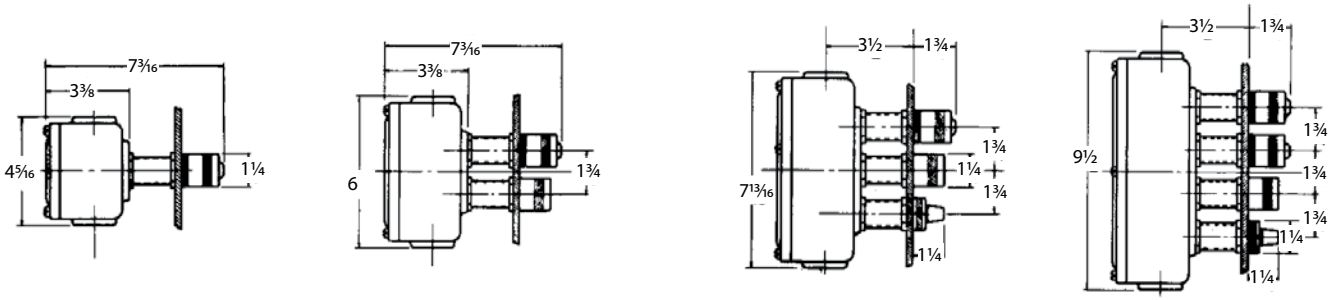


CONTROL STATION BOX

EXPLOSIONPROOF & DUST-IGNITION PROOF CONTROL STATION BOX FOR PANEL MOUNTING



XB1 XB2 XB3 XB4



PRODUCT INFORMATION

Features

• Designed for mounting on panel boards so that pilot lights, pushbuttons and switch handles are flush with panel fronts and the bodies or housings are in back of the panel.

• Threaded necks are provided with locknuts to clamp fittings in place on panels when used with long operators. The parts extending beyond the face of the panel have a black anodized finish.

• Style XB is suitable for combinations of pilot lights, pushbuttons and selectorswitches for 600 volt maximum use and are large enough to include pilot light transformers. XB bodies have flat machined joint covers fastened with machine screws. Covers give maximum accessibility to interiors.

• All station boxes are drilled and tapped with 3/4" NPSM thread for operator, or pilot lights. Unused openings must be plugged with XPP plugs. XB style boxes are suitably padded for two conduit openings on one end and one on opposite end. 1" maximum conduit size.

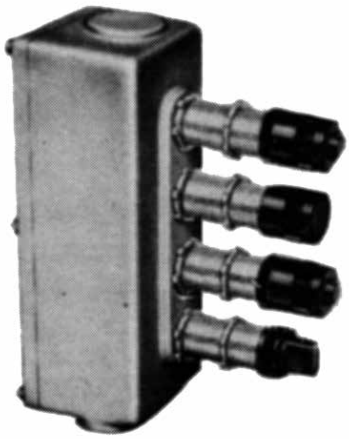
• Box price includes one or two conduit openings; specify size, location and number of holes. Holes in panels should be 1-1/8" diameter with 1-3/4" centers for XB box.

TYPE PE FEMALE SHALLOW THREADED					
Catalog Number	Description	Outside Dimensions (in.)			Weight Ea. (lbs)
		W	L	D	
XB1	1 station box – specify hubs	3 1/2	4 7/16	3 7/16	1 3/4
XB2	2 station box – specify hubs	3 1/2	6 3/8	3 7/16	2

Compliances

NEC Class I, Groups C & D

Class II, Groups E, F, G



PUSHBUTTONS

XHP: EXPLOSIONPROOF/FLAMEPROOF PUSHBUTTONS


XHPBS


XHPB


XHPPBMS


7716
(Shown on XHPPM)

Certifications

Class I, Div. 1 & 2, Groups B, C, & D
Class II, Div. 1 & 2, Groups E, F, & G
Class III
UL1203 / UL50
CSA C22.2 No. 25 & 30
NEMA Type 4, 7, 9
ATEX Directive 94/9/EC
UL 60079-0 / UL60079-1
IEC 60079-0 / IEC 60079-1
IEC 60529
Class I, Zone 1, AEx d IIB+H2
Exd IIB+H2
Tamb -20° C to +55° C

PRODUCT INFORMATION

Features

- Durable die-cast aluminum barrels
- Exposed aluminum components are anodized for superior corrosion and UV resistance
- Heavy-duty nylon buttons
- Long-lasting anodized aluminum heads (mushroom heads only)
- Designed for installation into 3/4" NPSM entries

Material

- Barrels are 6061-T6 aluminum
- Caps are anodized 6061-T6 aluminum
- Buttons are nylon
- Mushroom head buttons are anodized 6061-T6 aluminum

Design Options

- Short and long-barrel (for enclosure covers thicker than 3/4")
- Variety of colors to choose from
- Pad-lock provision (sold separately)
- Protective Guards available
- Various contact block configurations (sold separately)
- Installed in Adalet enclosures with no installation charge
- Mushroom head buttons available as momentary or maintained
- Protective boots available for N4X requirements

PUSHBUTTONS & ACCESSORIES		
Catalog Number	Description	Ship Weight (lbs.)
XHPB-B	Long Barrel Momentary Pushbutton - Black	1/2
XHPB-G	Long Barrel Momentary Pushbutton - Green	1/2
XHPB-R	Long Barrel Momentary Pushbutton - Red	1/2
XHPBS-B	Short Barrel Momentary Pushbutton - Black	1/2
XHPBS-G	Short Barrel Momentary Pushbutton - Green	1/2
XHPBS-R	Short Barrel Momentary Pushbutton - Red	1/2
XHPBPL*	Long Barrel Momentary Pushbutton w/Pad-lock Provision (holds button in depressed position)	1/2
XHPBSPL*	Short Barrel Momentary Pushbutton w/Pad-lock Provision (holds button in depressed position)	1/2
XHPBM	Long Barrel Red Momentary Mushroom Head Pushbutton	1/2
XHPBMS	Short Barrel Red Momentary Mushroom Head Pushbutton	1/2
XHPPM	Long Barrel Red Maintained Mushroom Head Pushbutton (includes 1NO/1NC contact block)	1/2
XHPPMS	Short Barrel Red Maintained Mushroom Head Pushbutton (includes 1NO/1NC contact block)	1/2
XHPPM-TTR	Long Barrel Red Maintained Mushroom Head Pushbutton (includes 1NO/1NC contact block) - Twist to Release	1/2
XHPPMS-TTR	Short Barrel Red Maintained Mushroom Head Pushbutton (includes 1NO/1NC contact block) - Twist to Relase	1/2
7716	Guard for Mushroom Head Pushbutton	1/4
XBB	Silicone Rubber Protective Boot for XHPB/XHPBS - Black	1/4
XBG	Silicone Rubber Protective Boot for XHPB/XHPBS - Green	1/4
XBR	Silicone Rubber Protective Boot for XHPB/XHPBS - Red	1/4
XHPL	Pad-Lock Cover for XHPB/XHPBS (holds button in depressed position)	1/4
XHPLG	Pad-Lock Cover for XHPB/XHPBS (protects button from unauthorized actuation)	1/4

***Standard pushbutton color is Black, Red ("-R") and Green ("-G") available - specify when ordering.**

XLP: EXPLOSIONPROOF/FLAMEPROOF ILLUMINATED PUSHBUTTONS

Certifications

Class I, Div. 1 & 2, Groups B, C, & D
Class II, Div. 1 & 2, Groups E, F, & G
Class III
UL1203/CSA C22.2 No. 25 & 30
UL50
NEMA Type 4, 7, 9
ATEX Directive 94/9/EC
UL 60079-0/UL 60079-1
IEC 60079-0 / IEC 60079-1
UL 698 / UL 1203 / CSA C22.2, No.30
UL 50
IEC 60529
DEMKO Certificate: 05 ATEX 0530154U
EEx d IIB+H2 T6 Tamb -20° C to +55° C
Class I, Zone 1, AEx d IIB+H2 T6 Tamb -20° C to +55° C
Ex d IIB+H2 T6 Tamb -20° C to +55° C

XLPGX

PRODUCT INFORMATION

Features

- Durable die-cast aluminum barrels
- Exposed aluminum components are anodized for superior corrosion and UV resistance
- Designed for installation into 3/4" NPSM entries

LONG BARREL		
Catalog Number	Description	Ship Weight (lbs.)
XLPAX	Amber Lens	1/2
XLPGX	Green Lens	1/2
XLPRX	Red Lens	1/2
XLPWX	White Lens	1/2

Material

- Barrels are 6061-T6 aluminum
- Lenses are tempered glass

SHORT BARREL		
Catalog Number	Description	Ship Weight (lbs.)
XLPSAX	Amber Lens	1/2
XLPSGX	Green Lens	1/2
XLPSRX	Red Lens	1/2
XLPSWX	White Lens	1/2

Design Options

- Short and long-barrel (for enclosure covers thicker than 3/4")
- Variety of colors to choose from
- LED bulbs – 12V, 24V, and 120V options
- Various contact block configurations (sold separately)

PUSHBUTTONS

XHDP: EXPLOSIONPROOF/FLAMEPROOF DUAL PUSHBUTTONS

XHDPB

Certifications

Class I, Div. 1 & 2, Groups B, C, & D
Class II, Div. 1 & 2, Groups E, F, & G
Class III
UL1203/CSA C22.2 No. 25 & 30
UL50
NEMA Type 4, 7, 9
NEMA Type 4X (with stainless steel cover both option)
ATEX Directive 94/9/EC
UL 60079-0/UL 60079-1
IEC 60079-0 / IEC 60079-1
UL 698 / UL 1203 / CSA C22.2, No.30
UL 50
IEC 60529
DEMKO Certificate: 05 ATEX 0530154U
EEx d IIB+H2 T6 Tamb -20° C to +55° C
Class I, Zone 1, AEx d IIB+H2 T6 Tamb -20° C to +55° C
Ex d IIB+H2 T6 Tamb -20° C to +55° C

PRODUCT INFORMATION

Features

- Durable die-cast aluminum barrels
- Exposed aluminum components are anodized for superior corrosion and UV resistance
- Heavy-duty nylon buttons (one green, one red), pre-stamped “START” and “STOP”
- Designed for installation into 3/4” NPSM entries

PUSHBUTTONS & ACCESSORIES		
Catalog Number	Description	Ship Weight (lbs.)
XHDPB	Long Barrel Momentary Pushbutton	1/2
XHDPBS	Short Barrel Momentary Pushbutton	1/2
XHDPL	Padlock Device for Dual Pushbutton	1/2

***Two contacts in the BT contact block are actuated independently**

LEGEND PLATES AT END OF SECTION

Material

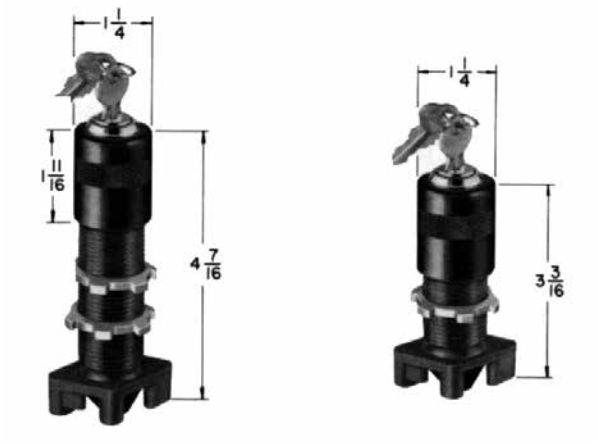
- Barrels are 6061-T6 aluminum
- Caps are anodized 6061-T6 aluminum
- Buttons are nylon

Design Options

- Short and long-barrel
- Pad-lock provision (sold separately)
- Various contact block configurations
- Alternate button engraving available, consult factory

SELECTOR SWITCHES

XHK: KEYLOCK SELECTOR SWITCH OPERATORS



XHKSS XHKSSS

FOR 2-POSITION
Key removable in one position only.

FOR 3-POSITION
Key removable in one position only specify right, center or left.

Certifications
Class I, Div. 1 & 2, Groups B, C, & D
Class II, Groups E, F, & G
NEMA Type 3, 4, 7, 9

PRODUCT INFORMATION

Features

- The barrels are all 3/4" NPSM thread. Max. installation thickness: 1-15/16"long barrel, 3/4" short barrel.
- Selector switch operators can be used as 2 position or 3 position by removal of knob and rotating knob 180°.
- The actuator cam which operates the plungers on the contact blocks can be readily changed for various contact sequences. FOR 3 POSITION, ORDERS MUST STATE CAM NUMBER.
- The exposed metal parts are black anodized aluminum.
- Contact blocks are not included with operators. Select contact block and sequence operating cam from contact block page.

LONG BARREL				
Catalog Number	Cam	# Pos.	Operator Description	Weight (lbs.)
XHKSS		2/3	Long Barrel	1/2
XHKSC*		3	Spring Return to Center from Right and Left	1/2
XHKSR2	2	2	Spring Return to Left from Right	1/2
XHKSR		3	Spring Return to Center from Right, Maintain Left	1/2
XHKSL2	4	2	Spring Return to Right from Left	1/2
XHKSL		3	Spring Return to Center from Left, Maintain Right	1/2

SHORT BARREL				
Catalog Number	Cam	# Pos.	Operator Description	Weight (lbs.)
XHKSSS		2/3 POS	Surface Mount	1/2
XHKSSC*		3	Spring Return to Center from Right and Left	1/2
XHKSSR2	2	2	Spring Return to Left from Right	1/2
XHKSSR		3	Spring Return to Center from Right, Maintain Left	1/2
XHKSSL2	4	2	Spring Return to Right from Left	1/2
XHKSSL		3	Spring Return to Center from Left, Maintain Right	1/2

XPO: POTENTIOMETER & SWITCH OPERATORS

Catalog Number	Operator Description	Mounting	Weight (lbs.)
XPO	Plain Dial	Panel	1/2
XPOL	Plain Dial	Large Size Panel	1/2
XPOS	Plain Dial	Surface	1/2
XPOSL	Plain Dial	Large Size Surface	1/2

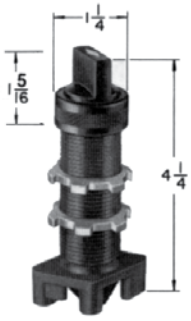
PRODUCT INFORMATION

Features

- Die cast aluminum alloy. The barrels are all 3/4" NPSM thread. 1/4" diameter shafts. Maximum installation thickness: 1-15/16" long barrel, 3/4" short barrel.
- XPO-XPOS have knob and dial marked 1 to 100. Two dial sizes are available.
- XPOC-XPOCS have 15 turn counting dial.
- Operators include 3 pc. coupling and device mounting bracket.
- Potentiometers not furnished, consult factory.

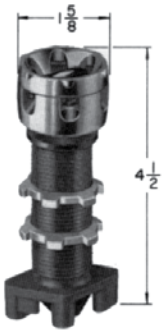
SELECTOR SWITCHES

XHS: SELECTOR SWITCH OPERATORS



XHSS Series

XHSSS Series



XHSSPL

XHSSSPL

Certifications

Class I, Div. 1, Groups B, C, & D
Class II, Groups E, F, & G
NEMA Type 7, 9
ATEX Directive 94/9/EC
UL 60079-0/UL 60079-1
IEC 60079-0 / IEC 60079-1
UL 698 / UL 1203 / CSA C22.2, No.30
UL 50
IEC 60529
DEMKO Certificate: 05 ATEX 0530154U
EEx d IIB+H2 T6 Tamb -20° C to +55° C
Class I, Zone 1, AEx d IIB+H2 T6 Tamb -20° C to +55° C
Ex d IIB+H2 T6 Tamb -20° C to +55° C

PRODUCT INFORMATION

Features

• Die cast aluminum alloy. The barrels are all 3/4" NPSM thread. Maximum installation thickness: 1 15/16" long barrel, 3/4" short barrel.
• Specify 2 position or 3 position. For 3-position, order must specify cam (see contact block page for contact sequence chart).
• All operators have black molded nylon knobs. The exposed metal parts are black anodized aluminum. • Contact blocks are not included with XHSS operators. Select contact block and sequence operating cam from contact block page. (See accessories at end of section)

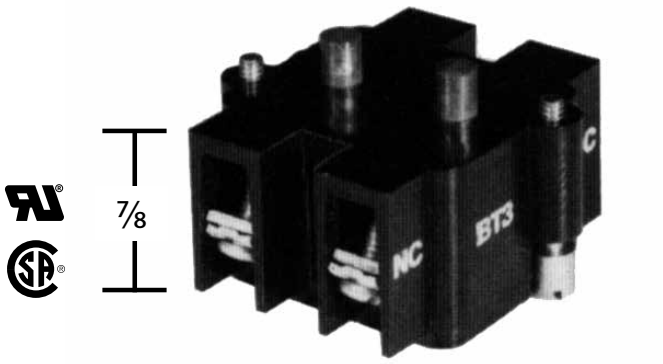
LONG BARREL				
Catalog Number	Cam	# Pos.	Operator Description	Weight (lbs.)
XHSS		2/3 POS	Long Barrel	1/2
XHSC*		3	Spring Return to Center from Right and Left	1/2
XHSR2	2	2	Spring Return to Left from Right	1/2
XHSR		3	Spring Return to Center from Right, Maintain Left	1/2
XHSL2	4	2	Spring Return to Right from Left	1/2
XHSL		3	Spring Return to Center from Left, Maintain Right	1/2

SHORT BARREL				
Catalog Number	Cam	# Pos.	Operator Description	Weight (lbs.)
XHSSS		2/3 POS	Short Barrel	1/2
XHSSC*		3	Spring Return to Center from Right and Left	1/2
XHSSR2	2	2	Spring Return to Left from Right	1/2
XHSSR		3	Spring Return to Center from Right, Maintain Left	1/2
XHSSL2	4	2	Spring Return to Right from Left	1/2
XHSSL		3	Spring Return to Center from Left, Maintain Right	1/2

SHORT BARREL		
Catalog Number	Operator Description	Weight (lbs.)
XHSSPL	w/ padlock device Long Barrel	3/4
XHSSSPL	w/ padlock device Short Barrel	3/4

CONTACT BLOCKS

600 VOLTS AC MAXIMUM CONTACT BLOCKS FOR PUSHBUTTONS & SELECTOR SWITCHES



Series BT Contact Blocks Extend 7/8" beyond operator.

Contact Blocks can be stacked for multiple circuits. Max Four.

SERIES BT		
Catalog Number	**Contact Block**	**Weight (lbs.)**
BT1A	One Open and One Closed	1/10 lb
BT1B	One Closed and One Open (this is BT1A block 1 rotated 180 degrees when assembled to operator)	1/10 lb
BT2	Two Open	1/10 lb
BT3	Two Closed	1/10 lb
BT4	One Open	1/10 lb
BT5	One Closed	1/10 lb
BT44	Two Open	1/10 lb
BT44	Two Closed	1/10 lb

CONTACT SEQUENCE CHART								
Circuit of Contact Block	**Contact Block Number**		**Cam 1 Contact Sequence**	**Cam 2 Contact Sequence**	**Cam 3 Contact Sequence**	**Cam 4 Contact Sequence**	**Cam 5 Contact Sequence**	**Cam 6 Contact Sequence**
O = Contact Open X = Contact Closed								
Normally Closed (NC) Normally Open (NO)	BT1A	Circuit A Circuit B	X O O X	O X O O O X	O X X O O X	X O O O X O	O X X X X O	X O O O X O
Normally Closed (NC) Normally Open (NO)	BT1B*	Circuit A Circuit B	X O O X	X X O X O X	X X O X O O	X O X O X X	O O X X O O	O O X O O X
Normally Open (NO) Normally Open (NO)	BT2	Circuit A Circuit B	O X O X	X O X O O X	X O O O O X	O X X O X O	X O O X X O	O O X O X O
Normally Closed (NC) Normally Closed (NC)	BT3	Circuit A Circuit B	X O X O	O X O X X O	O X X X X O	X O O X O X	O X X O O X	X O O O O X

*** This contact block is same as BT1A one N.C. and one N.O. except rotated 180° when assembled to operator.**

MAX RATING: TYPE BT CONTACT BLOCKS								
	AC				**DC**			
Volts	**110**	**220**	**440**	**550**	**24/28**	**120**	**240**	**600**
Make & Emergency Interrupting Capacity A	60.	30.	15.	12.	5.7	1.1	0.5	0.2
Normal Load Break A	6.	3.	1.5	1.2	5.7	1.1	0.5	0.2
Continuous Current A	10.	10.	10.	10.	5.	10.	10.	10.5

INDICATOR LIGHTS

GUARDED INDICATOR LIGHTS

XL_-GH

XL_-GCH

Certifications

Class I, Div. 1, Groups C, & D
Class II, Groups E, F, & G
NEMA Type 3, 4, 7, 9

PRODUCT INFORMATION

Features

- Explosionproof indicator lights are suitable for long barrel or short barrel applications.
- Sealed construction and can be relamped from the front by removal of lens cap.
- Made with 3/4" NPSM threads.
- 8" flexible leads, other lengths on special order, or screw terminal (suffix T).
- All lens caps are black anodized aluminum finish.
- **Maximum installation thickness:** 1-11/16" on Long Series, 5/8" on Short Series.
- **Standard Series:** Equipped with candelabra base receptacles and 6 watt 120 volt 6S6 Clear 1500 hr. avg. lamps. Also available with 12 or 24 volt lamps. Specify voltage desired.

STANDARD SERIES			
Long Barrel Cat #	Short Barrel Cat #	Description	Weight (lbs.)
XLA-GH	XLSA-GH	Amber Lens	1/2
XLB-GH	XLSB-GH	Blue Lens	1/2
XLC-GH	XLSC-GH	Clear Lens	1/2
XLG-GH	XLSG-GH	Green Lens	1/2
XLR-GH	XLSR-GH	Red Lens	1/2
XLW-GH	XLSW-GH	White Lens	1/2

REPLACEMENT CAP		
Catalog Number	Description	Weight (lbs.)
XLA-GCH	Amber Lens	1/8
XLB-GCH	Blue Lens	1/8
XLC-GCH	Clear Lens	1/8
XLG-GCH	Green Lens	1/8
XLR-GCH	Red Lens	1/8
XLW-GCH	White Lens	1/8

LED INDICATOR LIGHTS

GUARDED LED INDICATOR LIGHTS

Certifications
Class I, Div. 1, Groups B, C, & D
Class II, Groups E, F, & G
NEMA Type 3, 4, 7, 9

XL_L-GH

PRODUCT INFORMATION

Features

• Suitable for long barrel and short barrel applications. All candelabra base LED lights can be relamped from the front by removal of the lens cap.
• Made with 3/4" NPSM threads.
• All LED indicator lights have 8" flexible leads, other lengths on special order, or screw terminal.
• Add suffix T to P/N for screw terminal.
• All lens caps are black anodized aluminum finish with colored glass lens.
• **Maximum installation thickness:** 1-11/16" on Long Barrel (Long Series), 5/8" on Short Barrel (Short Series).

LED Advantages

• 10 Year/100,000 hour service life under normal ambient conditions.
• Up to 4x more energy efficient.
• Improved resistance to shock and vibration.
• LEDs operate significantly cooler than traditional lamps.
• Ultra bright cluster LED's.

STANDARD SERIES			
Long Barrel Cat #	Short Barrel Cat #	Description	Weight (lbs.)
XLRL-GH	XLSRL-GH	Red	1/2
XLAL-GH	XLSAL-GH	Amber	1/2
XLGL-GH	XLSGL-GH	Green	1/2
XLWL-GH	XLSWL-GH	White	1/2
XLBL-GH	XLSBL-GH	Blue	1/2

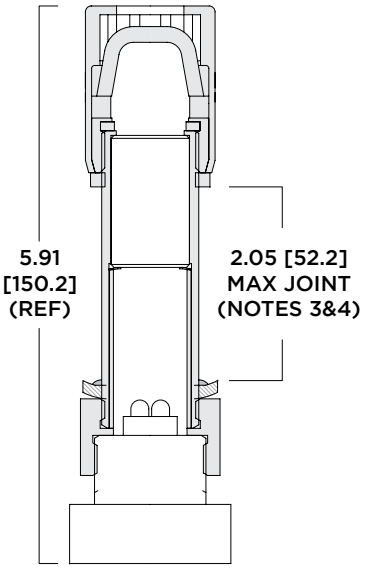
***Add suffix T to P/N for screw terminal (Example: XLRLT-GH)**

120V dual polarity supplied as standard.
12 or 24 volts optional, consult factory.

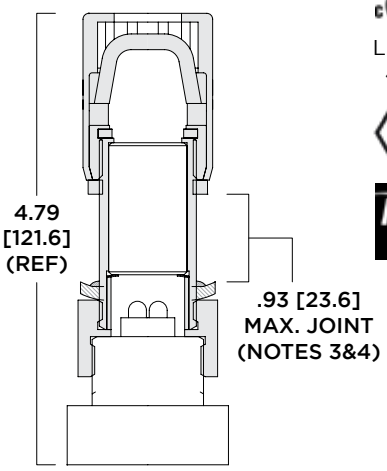
ATEX/IECEX LED INDICATOR LIGHTS

ATEX/IECEX CERTIFIED LED INDICATOR LIGHTS

XLX _ _ - G
LONG BODY
CLASSIC GUARDED CAP



XLXS _ _ - G
SHORT BODY
CLASSIC GUARDED CAP



LISTED
437S

Certifications

ATEX Directive 94/9/EC
UL 60079-0/UL 60079-1
IEC 60079-0 / IEC 60079-1
UL 698 / UL 1203 / CSA C22.2, No.30
UL 50
IEC 60529
DEMKO Certificate: 05 ATEX 0530154U
EEx d IIB+H2 T6 Tamb -20° C to +55° C
Class I, Zone 1, AEx d IIB+H2 T6 Tamb -20° C to +55° C
Ex d IIB+H2 T6 Tamb -20° C to +55° C
Class I, Division 1, Groups B, C & D;
Class II, Groups E, F & G
IP66
Type 4, 4X, 7 & 9
CE 0539 II 2 GD

PRODUCT INFORMATION

Features

- Explosionproof indicator lights are suitable for long barrel or short barrel applications. Safety Lamps located inside enclosure (not under lens cap) for worry-free operation.
- Configurable: Your choice of color, short or long lengths, guarded or unguarded caps, and 120 or 240 Volt lamps.
- 240 Volt Power Option Use optional resistor type base for 240V applications.
- Low Maintenance - 10 year/100,000 service life under normal ambient conditions.
- Efficient 4x more efficient than standard incandescent bulbs.
- Improved Visibility Utilizes ultra-bright cluster LED's.

XLX S R 120 - G

BASE CATALOG NUMBER

BODY LENGTH[3]
- NONE = Long
- S = Short

COLOR OF LENS & LAMP[2]
- R = Red
- B = Blue
- A = Amber (Yellow)
- W = White
- G = Green

VOLTAGE[1]
- 120, 240 (optional voltages available within range 5-120, consult factory.)

CAP
- G = Guarded Classic Cap

[1] 240 Volt lamp requires optional resistor type base (P/N 31216–1). Maximum lamp Voltage is 120.

[2] Color of lamp and lens are normally the same. White lamp uses clear lens cap.

[3] Minimum length of threaded joint = seven threads (Group B), = five threads (Group C).

[4] Maximum installation thickness shown for classic guarded models may be increased .15" by discarding knurled lock ring. Minimum length of threaded joint must be satisfied.

XRB: MECHANICAL RESET BUTTON

Certifications

Class I, Groups B, C, & D
Class II, Groups E, F, & G
NEMA Type 3, 4, 7, 9
ATEX Directive 94/9/EC
UL 60079-0/UL 60079-1
IEC 60079-0 / IEC 60079-1
UL 698 / UL 1203 / CSA C22.2, No.30
UL 50
IEC 60529
DEMKO Certificate: 05 ATEX 0530154U
EEx d IIB+H2 T6 Tamb -20° C to +55° C
Class I, Zone 1, AEx d IIB+H2 T6 Tamb -20° C to +55° C
Ex d IIB+H2 T6 Tamb -20° C to +55° C

XRB / XRBL

PRODUCT INFORMATION

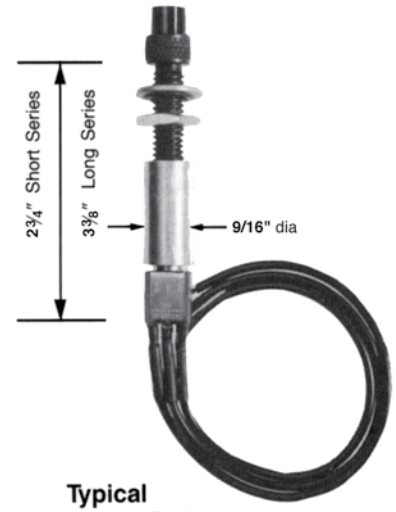
Features

• Used for resetting contactors, relays, etc. in explosionproof and weather-proof enclosures. Made with 3/4” NPSM threaded stem.
• Standard operating shaft length 6” can be cut to length. Special lengths are also available. Use XRBL for wall thickness greater than 3/4”.

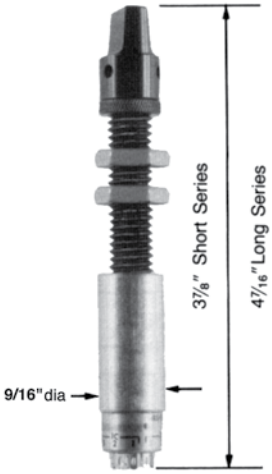
RESET BUTTON		
Catalog Number	Description	Weight (lbs.)
XRB	Reset Button - Short	1/2
XRBL	Reset Button -Long	1/2

MINIATURE OPERATORS

MINIATURE OPERATORS



Typical Pushbutton Series
XMOB



Typical Selector Switch Series
XMOS

Certifications
Class I, Groups B, C, & D
Class II, Groups E, F, & G
NEMA Type 4, 7, 9

PRODUCT INFORMATION

Features

- Reduce size of control enclosure requirements in hazardous environments.
- Mount on 1" centers vs. standard operators requiring 2 1/2" centers.
- No special enclosures required; can be installed in most Adalet standard explosionproof enclosures.
- 3/8"-16 UNC thread size body.
- Black anodized body, cap, button or knob
- Two lengths available: Long Series Accommodates up to 1 9/16" enclosure wall thickness. Short Series Accommodates up to 13/16" enclosure wall thickness
- Stainless steel actuator shaft.
- Optional red or green button (Pushbutton Operator only)

PUSHBUTTONS			
Long Barrel Cat #	Short Barrel Cat #	Contact Configuring	Weight
XMOB-1-G	XMOBS-1	SPDT maintained - Green	1 oz
XMOB-1-R	XMOBS-1	SPDT maintained - Red	1 oz
XMOB-1-G	XMOBS-1	SPDT maintained - Green	1 oz
XMOB-2 -R	XMOBS-2	SPDT momentary - Red	1 oz

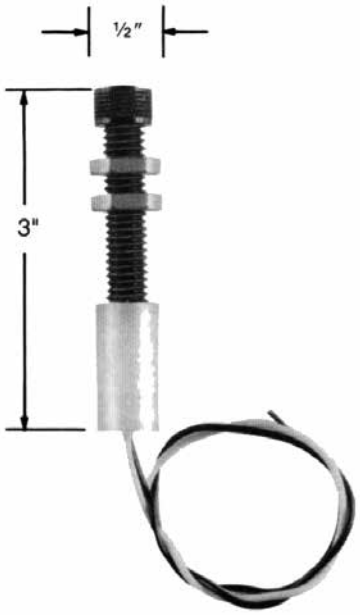
- Solid silver contacts rated 5 amps at 125 VAC, 3 amps at 250 VAC.
- Insulation resistance 1000 megohm minimum.
- Furnished with contact block having 8" wire leads, other lengths available.
- Optional red or green button (Pushbutton Operator only)

PUSHBUTTONS			
Long Barrel Cat #	Short Barrel Cat #	Contact Configuring	Weight
XMOS-1	XMOSS-1	Single Pole, 12 position	1oz.
XMOS-2	XMOSS-2	Double Pole, 5 position	1oz.
XMOS-3	XMOSS-3	Three Pole, 3 position	1oz.

- Selector switches provided with internal adjustable stop.
- Silver contacts rated 150 m.a. at 30 VAC, NEC CL 2 circuit.
- Insulation resistance 10,000 megohms minimum.
- Furnished with contact block having solder type wire connectors.

INDICATOR LED LIGHT

Certifications
Class I, Groups B, C, & D
Class II, Groups E, F, & G
NEMA Type 4, 7, 9



PRODUCT INFORMATION

Features

- Up to 100,000 hours lamp life.
- Standard 120 VAC
- Optional 12V, 24V
- Black anodized body and lens cap.
- 3/8" - 16 UNC thread size body.
- One length-accommodates up to 1 5/16" enclosure wall thickness.
- Furnished with 8" flexible wire leads, other lengths available.

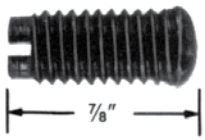
INDICATOR LED LIGHT		
Catalog Number	Operator Description	Weight
XMOLR	Red Indicator Light	1oz
XMOLA	Amber Indicator Light	1oz
XMOLG	Green Indicator Light	1oz

ACCESSORIES

CLOSE UP PLUGS FOR UNUSED OPERATOR OPENINGS

CLOSE UP PLUGS		
Catalog Number	Operator Description	Weight
XPPH3-N4	3/4" NPSM Type 4	3/4 oz

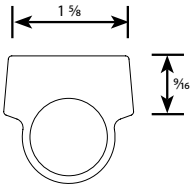
XPPH3-N4
3/4" NPSM Plug



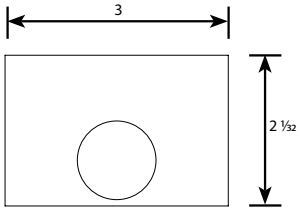
XMPP-N4

CLOSE UP PLUGS	
Catalog Number	Weight
XMPP-N4	1/2 oz.

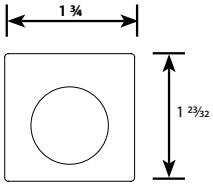
LEGEND PLATES



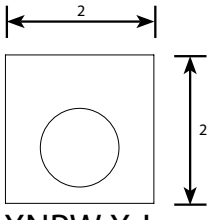
XNP



XNPL



XNPW_



XNPW X-L

PRODUCT INFORMATION

Features

- Legend plates are anodized aluminum with engraved letters on black background (XNP).
- Stop has red and start has green background.
- Special engraved legend plates can be supplied.
- Legend plate has foam gasket backing for use with protective boots for sealing.

Engraving 1 line only see Price List (XNPW).

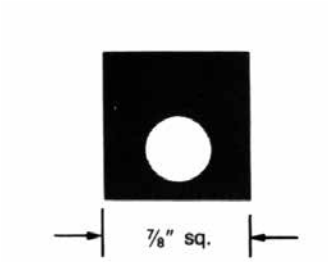
SPECIFY LEGEND PLATE		
Catalog Number	Operator Description	Weight (lbs.)
XNP	Specify Legend	1
XNPL	Specify Legend	1

LEGEND PLATES		
Catalog Number	Operator Description	Weight (lbs.)
XNPWB	Black Blank Legend Plate	1
XNPWG	Green Blank Legend Plate	1
XNPWR	Red Blank Legend Plate	1
XNPW XL	Specify Legend	1

STANDARD MARKING				
FOR PUSHBUTTON			FOR SELECTOR SWITCHES	
Blank	Slow	Reset	Run-Jog	Open-Off-Close
Start	Open	In	Hand-Auto	Fast-Off-Slow
Inch	Close	Out	Forward-Reverse	Run-Auto-Jog
Stop	Up	Left	Fast-Slow	Hand-Off-Auto
Run	Jog	Right	Open-Close	Forward-Off-Reverse
Forward	On	Low	Up-Down	1-Off-2
Reverse	Off	High	Off-On	Up-Off-Down
Fast	Back	Down		
		E-Stop		

ACCESSORIES

LEGEND PLATES STANDARD MARKING FOR MINIATURE DEVICES



LEGEND PLATES		
Catalog Number	Operator Description	Weight
XMNP	Specify legend	1/2 oz.

STANDARD MARKING	
FOR PUSHBUTTON	FOR SELECTOR SWITCHES
(BLANK) SLOW RESET START OPEN IN INCH CLOSE OUT STOP UP LEFT RUN JOG RIGHT FORWARD ON LOW REVERSE OFF HIGH FAST BACK	RUN-JOG HAND-AUTO FWD-REV FAST-SLOW OFF-ON OPEN-CLOSE UP-DOWN

PUSHBUTTON & SELECTOR SWITCH COMPONENTS

XHDPL
Padlock Device for Dual Pushbutton

PRODUCT INFORMATION

Features

• Operator locking caps and actuator devices can be adapted to existing explosion proof operators.
• Simple installation requires removal of top cap and threading on thereplacement unit.

PUSHBUTTON & SELECTOR SWITCH		
Catalog Number	Description	Weight (lbs.)
XHDPL	Padlock Device for Dual Pushbutton	1/4
XHPL	Padlock Device to activate Pushbutton (Not Shown)	1/4
XHSPL	Padlock Device for Selector Switch (Not Shown)	1/4
XHPLG	Padlockable Pushbutton Cover (Not Shown)	1/4

OPERATOR PROTECTIVE BOOTS

Selector Switch Cap
XBSB

Pushbutton Cap
XBB

PRODUCT INFORMATION

Features

• Molded silicone rubber, protective boots for use with explosion proof operators in extremely wet-dirty locations. Makes operators suitable for NEMA 3, 4, 4X, 5, 7, 9, 12,13 application.
• Boot and metal collar are an integral assembly available as a factory adder or a field replacement.
• Simple installation requires removal of existing cap and threading on the replacement.

PUSHBUTTON & SELECTOR SWITCH		
Catalog Number	Description	Weight
XBB	Black Pushbutton Cap	1 oz
XBG	Green Pushbutton Cap	1 oz
XBR	Red Pushbutton Cap	1 oz
XBSB	Black Selector Switch Cap	1 oz
XBSG	Green Selector Switch Cap	1 oz
XBSR	Red Selector Switch Cap	1 oz

FLAME ARRESTOR

FLAME ARRESTOR FITTING

XFA2 Certifications
Class I, C, & D
UL 866
CSA C22.2 No. 30

XFAX2* Certifications
Class I, Groups B, C & D
UL 886
CSA C22.2 No. 30
NEMA 7
0539 II 2 G
ATEX DIRECTIVE 94/9/EC
EEx d IIB

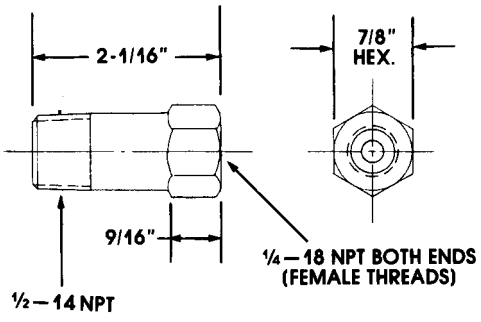
*ATEX Application note:
Maximum Enclosure Volume 41000 cm^3 (2500 in^3)

PRODUCT INFORMATION

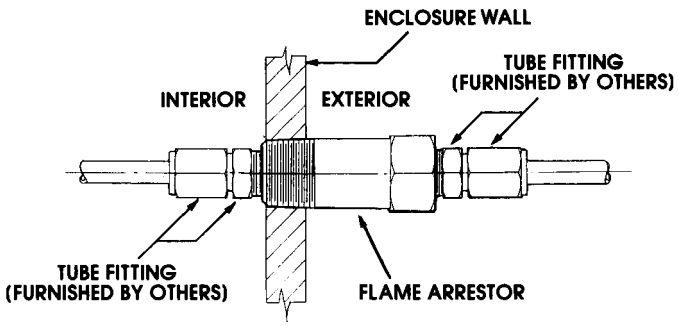
Features

- Provides thru-wall connections of tubing systems for electro/pneumatic and gas analysis devices installed within Adalet's explosionproof enclosures.
- The flame arrestor fitting is designed to prevent flame propagation thru tubing systems with minimum flow restrictions of control pressures.
- Manufactured from stainless steel.
- Weight: 4 oz.
- Not meant for constant flow / pressure applications

FLAME ARRESTORS		
Catalog Number	Thread	Control Restrictions
XFA2	1/2 NPT	0.5 PSI drop at 20 CFH airflow 1.3 PSI drop at 34 CFH airflow
XFAX2	1/2 NPT	1 PSI drop at 18 CFH airflow 5 PSI drop at 53 CFH airflow



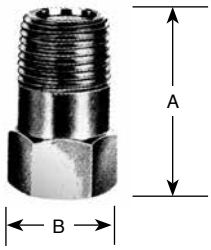
TYPICAL FIELD INSTALLATION



Exterior enclosure wall counter boring may be required to maintain 1/2" enclosure wall thickness for ease of field connections.

BREATHER/DRAINS

COMBINATION BREATHER/DRAINS XDB SERIES



XDB2

Certifications

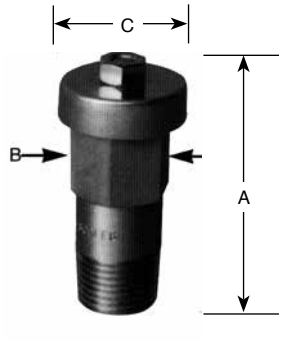
Class I, Groups C & D
Class II, Groups E, F & G
Class III
UL Standard 886
CSA Standard C22.2 No. 30
*ATEX Application note:
Maximum Enclosure Volume 41000 cm^3 (2500 in^3)

PRODUCT INFORMATION

Features

• Stainless steel combination breather drain. Install in top of enclosures as breather. Install in bottom of enclosure as drain.

NOMINAL DIMENSIONS (inches)			
Catalog Number	Thread	A	B
XDB2	1/2 NPT	1 5/8	7/8



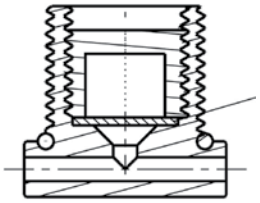
XDBH2

Certifications

Class I, Groups A, B, C & D
Class II, Groups E, F & G
Class III
UL Standard 886
CSA Standard C22.2 No. 30
ATEX EExd IIB DEMKO

NOMINAL DIMENSIONS (inches)				
Catalog Number	Thread	A	B	
XDBH2	1/2 NPT	2 7/16	7/8 HEX	1 1/4

COMBINATION BREATHER/DRAINS TYPE BD SERIES



BD Series

Certifications

Class I, Div 1 Groups A, B, C & D
AExd IIC / AExe II Class I, Zone 1
II 2 GD Exd IIC/Exe II Category 2 & 3
CSA Standard C22.2 No. 30

PRODUCT INFORMATION

Features

• Allows the air inside an 'Ex d' Flameproof or Class I, Div 1 enclosure to breathe with the surrounding atmosphere.
• Allows any moisture that enters the enclosure to drain while maintaining the overall integrity of the installation.

PART NUMBER BUILD **Bd 20 N NT**

BASE CATALOG NUMBER

O-RING
Nitrile (std.) - NT
Silicone - SC

MATERIAL
Nickel Plated Brass - N
316 Stainless Steel - S

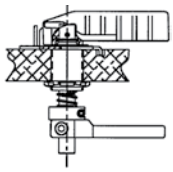
THREAD DESIGNATION						
Metric	NPT	NPS	ISO	ISO	ET	PG
20	1/2	1/2S	1/2P	1/2T	3/4E	13
25	3/4	3/4S	3/4P	3/4T	1E	16P

CIRCUIT BREAKER / DISCONNECT

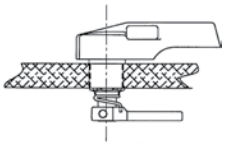
XCB: EXPLOSIONPROOF CIRCUIT BREAKER ENCLOSURES/ASSEMBLIES
EXPLOSIONPROOF DISCONNECT ENCLOSURES/ASSEMBLIES

Certifications

Class I, Div. 1 and 2, Groups C, & D
Class II, Div. 1 & 2, Groups E, F, & G
Class III
UL1203/CSA C22.2 No. 30
UL50
UL1604
NEMA Type 4X, 7, and 9



Standard XBO Style
Spring loaded, compact adjustable design, ease of assembly and less expensive.
Standard 3/4 – 14 NPSM opening required for installation.



Optional XCBH Style
"Classic", larger handle.
Special 1" – 11 1/2" NPSM opening required for installation.

PRODUCT INFORMATION

Features

• Circuit breakers are thermal magnetic type and are rated from 15A to 800A
• Disconnects are fused or non-fused and are rated 30A, 60A, 100A, & 200A
• Through the door, spring loaded circuit breaker operating handle
• Pre-drilled for hinges (hinges optional)
• Pre-drilled for sub-panel (sub-panel optional)
• One-piece, NEMA 4 water-tight gasket
• Premium, high-strength stainless steel captive cover bolts
• Internal grounding provisions
• Cast-on mounting feet
• Padlockable handle
• Tumblast surface preparation for uniform, natural, aluminum finish
• Standard drilled & tapped conduit configurations
• XCBC and larger are furnished with hinges

Material

• Enclosures cast from proprietary 359 aluminum alloy
• Standard stainless steel cover bolts are 316L
• XSM panels are #12 gauge galvanized steel (.108" thick)
• XSA panels are #10 gauge aluminum (.100 thick)
• Hinge blocks are 359 aluminum, pins and hardware are 303 stainless steel

Design Options

• Sub-Panels – Available in galvanized steel (XSM) or aluminum (XSA)
• Aluminum hinge kits (with stainless steel hardware)
• Non-removable hinges
• Customer specified drilling and tapping
• Installation of operators and auxiliary devices
• Custom machining – milling, counter-boring, spot-facing, blind-tapped holes, etc
• Installation and wiring of internal terminal blocks and control components
• UL Listed NNNY populated / wired control panels
• Cast-on company logos
• Multiple coating options for additional corrosion resistance
• Special mounting provisions
• Quad-lead cover bolts
• Breather/drain
• Auxiliary contacts
• External ground lug

CIRCUIT BREAKER

EXPLOSIONPROOF CIRCUIT BREAKER ENCLOSURES

MOLDED CASE CIRCUIT BREAKER ENCLOSURES (BREAKER INCLUDED)				
Breaker Frame Size	Volts	Amp Rating	Catalog No. 2 Pole Non-Interchangeable	Catalog No. 3 Pole Non-Interchangeable
100/150	480 Volt AC 250 Volt DC	15	XCBA-N4-15E42*	XCBA-N4-15E43*
		20	XCBA-N4-20E42*	XCBA-N4-20E43*
		30	XCBA-N4-30E42*	XCBA-N4-30E43*
		40	XCBA-N4-40E42*	XCBA-N4-40E43*
		50	XCBA-N4-50E42*	XCBA-N4-50E43*
		60	XCBA-N4-60E42*	XCBA-N4-60E43*
		70	XCBA-N4-70E42*	XCBA-N4-70E43*
		80	XCBB-N4-80E42*	XCBB-N4-80E43*
		90	XCBB-N4-90E42*	XCBB-N4-90E43*
		100	XCBB-N4-100E42*	XCBB-N4-100E43*
		110	XCBB-N4-110E42*	XCBB-N4-110E43*
		125	XCBB-N4-125E42*	XCBB-N4-125E43*
		150	XCBB-N4-150E42*	XCBB-N4-150E43*
100/150	600 Volt AC 250 Volt DC	15	XCBA-N4-15E62*	XCBA-N4-15E63*
		20	XCBA-N4-20E62*	XCBA-N4-20E63*
		30	XCBA-N4-30E62*	XCBA-N4-30E63*
		40	XCBA-N4-40E62*	XCBA-N4-40E63*
		50	XCBA-N4-50E62*	XCBA-N4-50E63*
		60	XCBA-N4-60E62*	XCBA-N4-60E63*
		70	XCBA-N4-70E62*	XCBA-N4-70E63*
		80	XCBB-N4-80E62*	XCBB-N4-80E63*
		90	XCBB-N4-90E62*	XCBB-N4-90E63*
		100	XCBB-N4-100E62*	XCBB-N4-100E63*
		110	XCBB-N4-110E62*	XCBB-N4-110E63*
		125	XCBB-N4-125E62*	XCBB-N4-125E63*
		150	XCBB-N4-150E62*	XCBB-N4-150E63*
225/250	600 Volt AC 250 Volt DC	70	XCBC-N4-70JN2*	XCBC-N4-70JN3*
		90	XCBC-N4-90JN2*	XCBC-N4-90JN3*
		100	XCBC-N4-100JN2*	XCBC-N4-100JN3*
		125	XCBC-N4-125JN2*	XCBC-N4-125JN3*
		1250	XCBC-N4-150JN2*	XCBC-N4-150JN3*
		175	XCBC-N4-175JN2*	XCBC-N4-175JN3*
		200	XCBC-N4-200JN2*	XCBC-N4-200JN3*
		225	XCBC-N4-225JN2*	XCBC-N4-225JN3*
		250	XCBC-N4-250JN2*	XCBC-N4-250JN3*

MOLDED CASE CIRCUIT BREAKER ENCLOSURES (BREAKER INCLUDED)				
Breaker Frame Size	Volts	Amp Rating	Catalog No. 2 Pole Non-Interchangeable	Catalog No. 3 Pole Non-Interchangeable
400	600 Volt AC 250 Volt DC	100	XCBD-N4-100KN2*	XCBD-N4-100KN3*
		125	XCBD-N4-125KN2*	XCBD-N4-125KN3*
		1250	XCBD-N4-150KN2*	XCBD-N4-150KN3*
		175	XCBD-N4-175KN2*	XCBD-N4-175KN3*
		200	XCBD-N4-200KN2*	XCBD-N4-200KN3*
		225	XCBD-N4-225KN2*	XCBD-N4-225KN3*
		250	XCBE-N4-250KN2*	XCBE-N4-250KN3*
		300	XCBE-N4-300KN2*	XCBE-N4-300KN3*
		350	XCBE-N4-350KN2*	XCBE-N4-350KN3*
		400	XCBE-N4-400KN2*	XCBE-N4-400KN3*
600	600 Volt AC 250 Volt DC	250	XCBE-N4-250LI2*	XCBE-N4-250LI3*
		300	XCBE-N4-300LI2*	XCBE-N4-300LI3*
		350	XCBE-N4-350LI2*	XCBE-N4-350LI3*
		400	XCBE-N4-400LI2*	XCBE-N4-400LI3*
		500	XCBF-N4-500LI2*	XCBF-N4-500LI3*
		600	XCBF-N4-600LI2*	XCBF-N4-600LI3*
800	600 Volt AC 250 Volt DC	400	XCBF-N4-400MI2*	XCBF-N4-400MI3*
		500	XCBF-N4-500MI2*	XCBF-N4-500MI3*
		600	XCBF-N4-600MI2*	XCBF-N4-600MI3*
		700	XCBF-N4-700MI2*	XCBF-N4-700MI3*
		800	XCBF-N4-800MI2*	XCBF-N4-800MI3*

ATEX or IECEx Certification Available - Consult factory

NOTE: For Interchangeable Trip substitute an "I" for "N" in the Catalog Number (Example: XCBC-N4-70JI2)

***CUSTOMER MUST SPECIFY CIRCUIT BREAKER BRAND SUFFIX:**
W-Cutler-Hammer (Westinghouse) G-General Electric S-Square-D T-I.T.E. (Siemens)

EXPLOSIONPROOF DISCONNECT ENCLOSURES

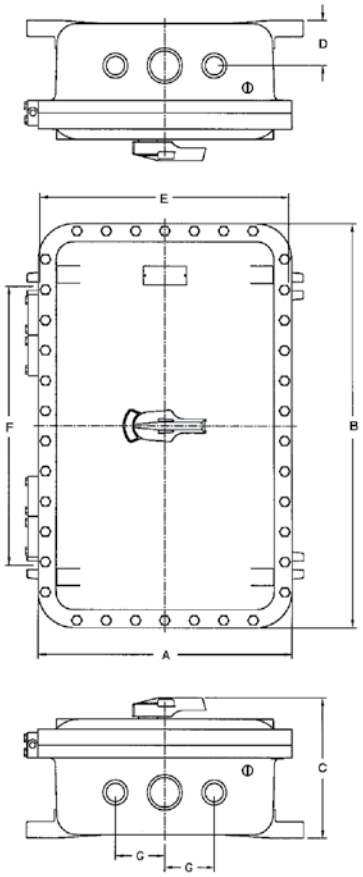
FUSIBLE DISCONNECT SWITCHES			
Horsepower Rating at 480 Voltz	Horsepower Rating at 600 Volts	Amp Rating	Catalog No 3 Pole
20	20	30	XCBA-N4-30DF3W
40	50	60	XCBA-N4-60DF3W
75 7	75	100	XCBB-N4-100DF3W
125	150	200	XCBK-N4-200DF3

NON-FUSED DISCONNECT SWITCHES			
Horsepower Rating at 480 Voltz	Horsepower Rating at 600 Volts	Amp Rating	Catalog No 3 Pole
20	20	30	XCBA-N4-30DN3W
40 50 60	50	60	XCBA-N4-60DN3W
75 75 100	75	100	XCBB-N4-100DN3W
125	150	200	XCBK-N4-200DN3

NOTE: Mounting pans drilled for class "J" fuses, fuses not included.

CIRCUIT BREAKER

EXPLOSIONPROOF CIRCUIT BREAKER ENCLOSURES



CIRCUIT BREAKER ENCLOSURE ONLY		
Breaker Frame Size	Trip Range	Enclosure
100	15-70	XCBA-N4
100/150	80-150	XCBB-N4
225/250	70-250	XCBC-N4
400	100-225	XCBD-N4
600	250-400	XCBE-N4
800	400-800	XCBF-N4
1200	800-1200	XCBG-N4

FUSIBLE DISCONNECT SWITCHES				
Description	Suffix	Available On Circuit Breaker	Available On Disconnect Switch	Universal Enclosure Only
Auxiliary Switch 1A and 1B Contacts	AS1	●	●	
Auxiliary Switch 2A and 2B Contacts	AS2	●	●	
Bell Alarm (Specify No. of Contacts)	BA	●		
Breather/Drain - installed in bottom	E	●	●	●
Breather and Drain installed	EE	●	●	●
High Interrupting Capacity Breaker	HI	●		
Epoxy Coating (External), (Specify Color)	LI	●	●	●
Epoxy Coating (Internal and External), (Specify Color)	L2	●	●	●
Substitute MCP for Breaker	M	●		
Phenolic Nameplate (Specify Legend)	NP	●	●	●
Shunt Trip (Specify Voltage Rating)	ST	●		
Undervoltage Release (Specify Voltage Rating)	UV	●		
Other / Special	Z	●	●	

DATA DIMENSIONS													
Catalog Number	Inside Nom. Dimensions			Overall Dimensions			Mounting Lug CL to CL		Mtg. Bolt Size	Ship Weight	Conduit Dimensions		Conduit	
	W	L	D	A	B	C	E	F			D	G	Size	Top/Bot
XCBA-N4	6	11	5	9 1/4	14 1/4	9	9 1/8	7 1/2	7/16	28	2 1/2	-	1 1/4	1
XCBB-N4	6	13	5	9 1/4	16 1/4	9	9 1/8	9 1/2	3/8	31	2 1/2	-	2	1
XCBC-N4	7	18	5	10 3/8	21 5/8	9	9 3/4	14 1/2	3/8	47	2 3/4	-	2 1/2	1
XCBD-N4	12	20	5	16 1/4	24 1/4	10	15 3/4	14 3/8	1/2	108	3 1/4		2 1/2	1
XCBE-N4	12	24	6	16 1/4	28 1/4	11	15 3/4	18 3/8	1/2	131	3 5/8	2 7/8	3	2
XCBF-N4	12	36	8	16 1/4	40 1/4	13 1/2	15 3/4	29	5/8	237	4 1/2	3 3/8	4	2

NOTE: All enclosures have 1/2" NPT top and bottom for breather drain.

MOTOR STARTER

XMS: EXPLOSIONPROOF MAGNETIC MOTOR STARTER ENCLOSURES/ASSEMBLIES

Certifications

Class I, Div. 1 & 2, Groups C, & D
Class II, Div. 1 & 2, Groups E, F, & G
Class III
NEMA Type 4X, 7, 9
UL1203/CSA C22.2 No. 30
UL50
UL1604

PRODUCT INFORMATION

Features

• Motor starters are reversing or non-reversing and are rated 5HP to 200HP
• Through the door mechanical reset button
• Pre-drilled for hinges (hinges optional)
• Pre-drilled for sub-panel (sub-panel optional)
• One-piece, NEMA 4 water-tight gasket
• Premium, high-strength stainless steel captive cover bolts
• Internal grounding provisions
• Cast-on mounting feet
• Tumblast surface preparation for uniform, natural, aluminum finish
• Standard drilled & tapped conduit configurations

Material

• Enclosures cast from proprietary 359 aluminum alloy
• Standard stainless steel cover bolts are 316L
• XSM panels are #12 gauge galvanized steel (.108" thick)
• XSA panels are #10 gauge aluminum (.100 thick)
• Hinge blocks are 359 aluminum, pins and hardware are 303 stainless steel

Design Options

• Sub-Panels – Available in galvanized steel (XSM) or aluminum (XSA)
• Aluminum hinge kits (with stainless steel hardware)
• Non-removable hinges
• Customer specified drilling and tapping
• Installation of operators and auxiliary devices
• Custom machining – milling, counter-boring, spot-facing, blind-tapped holes, etc
• Installation and wiring of internal terminal blocks and control components
• UL Listed NNNY populated / wired control panels
• Multiple coating options for additional corrosion resistance
• Captive cover bolts
• Quad-lead cover bolts
• Auxiliary switches, breather/drain, shunt trip, under-voltage release, transformers, wiring

MOTOR STARTER

MAGNETIC STARTER ENCLOSURES
FULL VOLTAGE (INCLUDES STARTER)

NON-REVERSING*/120V AC Coil				
Maximum HP @ 240V	480V	600V	NEMA Size	Catalog Number
3	5	5	0	XMSB-60
7 1/2	10	10	1	XMSB-61
15	25	25	2	XMSD-62
30	50	50	3	XMSH-63
50	100	100	4	XMSH-64
100	200	200	5	XMSQ-65

NOTES: 1. For Nema 4 applications insert "N4" before number 6
2. Overload Heaters Not Included. See Options

REVERSING*/120V AC Coil				
Maximum HP @ 240V	480V	600V	NEMA Size	Catalog Number
3	5	5	0	XMRSC-60
7 1/2	10	10	1	XMRSC-61
15	25	25	2	XMRSF-62
30	50	50	3	XMRSO-63
50	100	100	4	XMRSO-64

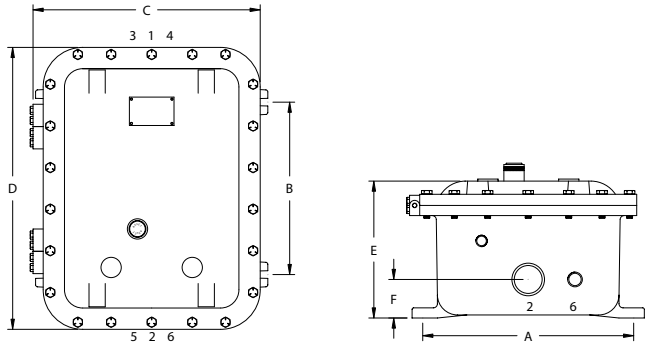


FIGURE A

NOMINAL DIMENSIONS														
Cat #	Fig #	Nominal Inside Dimensions			Nominal Inside in Inches							Ship Weight (lbs.)	Conduit Size
		W	L	D	A	B	C	D	E	F	G		
XMSB	A	8	10	6	10 3/4	6 1/2	12	13 3/8	8 1/4	2 3/8	3 & 6	36	1
XMSD	A	10	14	6	13	10 5/8	14	17 3/8	8 3/8	2 3/4	3 & 6	55	1 1/2
XMSH	A	12	18	8	15 3/4	14 1/8	17	22 1/4	10 3/4	3 1/2	3 & 6	105	2 1/2
XMSQ	A	18	36	10	21 3/4	29	23 3/4	40 7/8	14 7/8	4 5/16	3 & 6	380	3
XMRSC	A	10	14	6	10 5/8	13	18	13 3/8	8 3/8	2 1/4	3 & 5	55	1
XMRSF	A	12	12	6	8 5/8	15 3/4	17	16 1/4	8 15/16	3	3 & 6	86	1 1/2
XMRSO	A	18	18	8	13	21 3/4	23 3/4	22 7/16	12 7/16	3 7/8	3 & 6	190	2 1/2

Standard conduit openings at locations 1 and 2, control circuit opening 3/4" NPT at locations shown in column "G".

Each housing has one 1/2" NPT top & bottom for breather and drain.

MOTOR STARTER

XCBS: EXPLOSIONPROOF COMBINATION MOTOR STARTER ENCLOSURES/ASSEMBLIES

Certifications
Class I, Div. 1 & 2, Groups C, & D
Class II, Div. 1 & 2, Groups E, F, & G
Class III
NEMA Type 4X, 7, 9
UL1203/CSA C22.2 No. 30
UL50
UL1604

*Consult factory if Group B is required.

PRODUCT INFORMATION

Features

• Motor starters are reversing or non-reversing and are rated 5HP to 200HP
• Circuit breakers are thermal magnetic type and are rated from 15A to 800A
• Through the door mechanical reset button and circuit breaker handle
• Aluminum hinge with stainless steel hardware
• Padlockable handle
• Galvanized steel inner mounting panel
• One-piece, NEMA 4 water-tight gasket
• Premium, high-strength stainless steel captive cover bolts
• Internal grounding provisions
• Cast-on mounting feet
• Tumblast surface preparation for uniform, natural, aluminum finish
• Standard drilled & tapped conduit configurations

Material

• Enclosures cast from proprietary 359 aluminum alloy
• Standard stainless steel cover bolts are 316L
• XSM panels are #12 gauge galvanized steel (.108" thick)
• XSA panels are #10 gauge aluminum (.100 thick)
• Hinge blocks are 359 aluminum, pins and hardware are 303 stainless steel

Design Options

• Aluminum (XSA) inner mounting panels
• Non-removable hinges
• Customer specified drilling and tapping
• Installation of operators and auxiliary devices
• Custom machining – milling, counter-boring, spot-facing, blind-tapped holes, etc
• Installation and wiring of internal terminal blocks and control components
• UL Listed NNNY populated / wired control panels
• Multiple coating options for additional corrosion resistance
• Captive cover bolts
• Quad-lead cover bolts
• Auxiliary switches, breather/drain, shunt trip, under-voltage release

MOTOR STARTER

EXPLOSIONPROOF COMBINATION MOTOR STARTERS (ENCLOSURE ONLY - DOES NOT INCLUDE BREAKER OR STARTER)

*COMBINATION FULL VOLTAGE NON-REVERSING STARTERS		
Max Starter NEMA Size	Std. Breaker Frame Size	Enclosure
0 & 1	100	XCBSAQ-N4
2	100	XCBSBQ-N4
3	100	XCBSLQ-N4
4	225/250	XCBSMQ-N4
5	400	XCBSN-N4

*COMBINATION FULL VOLTAGE FULL REVERSING STARTERS		
Max Starter NEMA Size	Std. Breaker Frame Size	Enclosure
0 & 1	100	XCMRSG-N4
2	100	XCMRSK-N4
3	100	XCMRSP-N4

*ACROSS THE LINE FULL VOLTAGE NON-REVERSING STARTERS	
Max Starter NEMA Size	Enclosure
0 & 1	XMSB-N4
2	XMSD-N4
3 & 4	XMSH-N4
5	XMSQ-N4

*ACROSS THE LINE FULL VOLTAGE NON-REVERSING STARTERS	
Max Starter NEMA Size	Enclosure
0 & 1	XMRSC-N4
2	XMRSF-N4
3 & 4	XMRSO-N4

COMBINATION MOTOR STARTER ENCLOSURES FULL VOLTAGE NON-REVERSING (INCLUDES BREAKER AND STARTER)

240 VOLT AC MOTOR - Thermal Magnetic Breaker*/120V AC Coil		
Maximum HP	Nema Size	Catalog Number
2	0	XCBSAQ-N4-2015
3	0	XCBSAQ-N4-2020
5	1	XCBSAQ-N4-2130
7 1/2	1	XCBSAQ-N4-2150
10	2	XCBSBQ-N4-2270
15	2	XCBSBQ-N4-22100
20	3	XCBSLQ-N4-23100
30	3	XCBSLQ-N4-23125
40	4	XCBSMQ-N4-24175
50	4	XCBSMQ-N4-24200
60	5	XCBSN-N4-25225
75	5	XCBSN-N4-25300
100	5	XCBSN-N4-25400

480/600 VOLT AC MOTOR - MCP*/120V AC Coil		
Maximum HP	Nema Size	Catalog Number
1	0	XCBSAQ-N4-M6003
2	0	XCBSAQ-N4-M6007
5	0	XCBSAQ-N4-M6015
10	1	XCBSAQ-N4-M6130
25	2	XCBSBQ-N4-M6250
50	3	XCBSLQ-N4-M63100
100	4	XCBSMQ-N4-M64150
200	5	XCBSN-N4-M65400

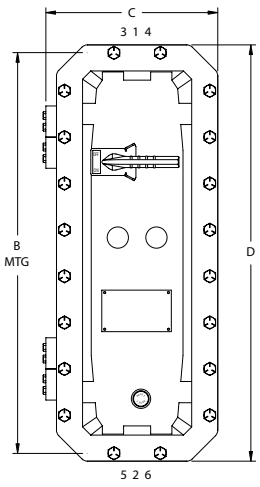
*** Trip rating is last 2-3 digits of catalog number**

NOTE: Overload Heaters Not Included. See Options.

480 VOLT AC MOTOR - Thermal Magnetic Breaker*/120V AC Coil		
Maximum HP	Nema Size	Catalog Number
2	0	XCBSAQ-N4-4015
5	0	XCBSAQ-N4-4020
10	1	XCBSAQ-N4-4130
25	2	XCBSBQ-N4-4270
30	3	XCBSLQ-N4-4370
50	3	XCBSLQ-N4-43100
75	4	XCBSMQ-N4-44175
100	4	XCBSMQ-N4-44200
125	5	XCBSN-N4-45225
150	5	XCBSN-N4-45300
200	5	XCBSN-N4-45400

600 VOLT AC MOTOR - Thermal Magnetic Breaker*/120V AC Coil		
Maximum HP	Nema Size	Catalog Number
Maximum HP	Nema Size	Catalog Number
2	0	XCBSAQ-N4-6015
5	0	XCBSAQ-N4-6020
10	1	XCBSAQ-N4-6130
25	2	XCBSBQ-N4-6250
30	3	XCBSLQ-N4-6370
50	3	XCBSLQ-N4-63100
75	4	XCBSMQ-N4-64125
100	4	XCBSMQ-N4-64175
125	5	XCBSN-N4-65200
150	5	XCBSN-N4-65225
200	5	XCBSN-N4-65400

MOTOR STARTER



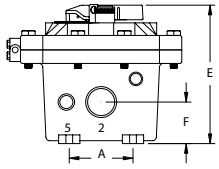
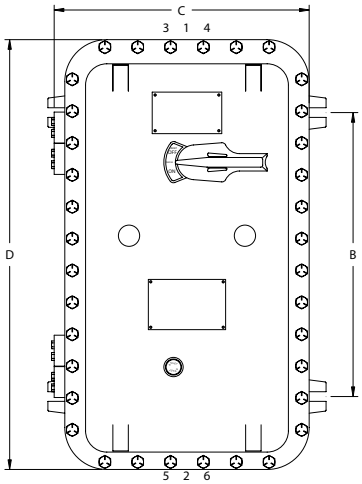


FIGURE A



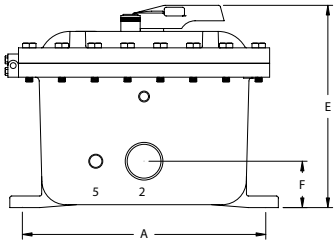


FIGURE B

NOMINAL DIMENSIONS

Cat #	Fig #	Nominal Inside Dimensions			Nominal Inside in Inches							Ship Weight (lbs.)	Conduit Size
		W	L	D	A	B	C	D	E	F	G		
XCBSAQ-N4	A	6	23	5	4 1/8	25 1/2	11 1/8	26 15/16	9 11/16	2 1/2	3 & 5	61	1 1/2
XCBSBQ-N4	A	7	27	6	4 3/4	29 7/8	11 13/16	31 1/8	10 1/2	2 13/16	3 & 5	87	1 1/2
XCBSLQ-N4	B	12	24	8	15 3/4	18 3/8	16 15/16	28 1/4	12 15/16	3	3 & 5	160	2
XCBSMQ-N4	B	12	36	8	15 3/4	29	16 15/16	28 1/4	12 15/16	3	3 & 5	260	2 1/2
XCBSN-N4	B	16	46	10	19 3/4	39	21 3/4	50 7/8	16 7/16	4 7/8	3 & 5	420	4
XCMRSG-N4	B	12	18	8	15 3/4	14 1/8	17	22 1/4	12 5/8	2 13/16	3 & 6	100	1 1/4
XCMRSK-N4	B	12	24	6	15 3/4	18 3/8	17	28 1/4	10 15/16	3 5/16	3 & 5	130	2
XCMRSP-N4	B	18	36	8	21 3/4	29	23 3/4	40 7/8	14 3/4	4 1/8	3 & 5	395	2

COMBINATION MOTOR STARTER ENCLOSURES
FULL VOLTAGE REVERSING (INCLUDES BREAKER AND STARTER)

240 VOLT AC MOTOR - Thermal Magnetic Breaker*/120V AC Coil

Maximum HP	Nema Size	Catalog Number
2	0	XCMRSG-N4-2015
3	0	XCMRSG-N4-2020
5	1	XCMRSG-N4-2130
7 1/2	1	XCMRSG-N4-2150
10	2	XCMRSK-N4-2270
15	2	XCMRSK-N4-22100
20	3	XCMRSP-N4-23100
30	3	XCMRSP-N4-23125

480 VOLT AC MOTOR - Thermal Magnetic Breaker*/120V AC Coil

Maximum HP	Nema Size	Catalog Number
2	0	XCMRSG-N4-4015
5	0	XCMRSG-N4-4020
10	1	XCMRSG-N4-4130
25	2	XCMRSK-N4-4270
40	3	XCMRSP-N4-43100
50	3	XCMRSP-N4-43125

600 VOLT AC MOTOR - Thermal Magnetic Breaker*/120V AC Coil

Maximum HP	Nema Size	Catalog Number
2	0	XCMRSG-N4-6015
5	0	XCMRSG-N4-6020
10	1	XCMRSG-N4-6130
25	2	XCMRSK-N4-6250
50	3	XCMRSP-N4-63100

480/600 VOLT AC MOTOR - MCP*/120V AC Coil

Maximum HP	Nema Size	Catalog Number
1	0	XCMRSG-N4-M6003
2	0	XCMRSG-N4-M6007
5	0	XCMRSG-N4-M6015
10	1	XCMRSG-N4-M6130
25	2	XCMRSK-N4-M6250
50	3	XCMRSP-N4-M63100
100	4	XCMRSP-N4-M64150

* Trip rating is last 2-3 digits of catalog number

NOTE: Overload Heaters Not Included. See Options.

MOTOR STARTER

XMS & XCBS: OPTIONS, DIMENSIONS AND ORDERING INSTRUCTIONS

Description	Suffix	Available On		
		Comb. Starter	Non-Comb. Starter	Universal Enclosure Only
Start/Stop Dual Pushbutton (1NO Start, 1NC Stop)	A	●	●	●
Green Start Pushbutton (1NO)	A1	●	●	●
Red Stop Pushbutton (1NC)	A2	●	●	●
Red Stop Pushbutton, Mushroom Head (1NC)	A3	●	●	●
Black Pushbutton (1NO, 1NC)	A4	●	●	●
Auxiliary Switch on Breaker (1A and 1B Contacts)	AS1	●		
Auxiliary Switch on Breaker (2A and 2B Contacts)	AS1	●		
Hand-Off-Auto Selector Switch	B	●	●	●
Selector Switch (2-Position) (1NO, 1NC)	B1	●	●	●
Bell Alarm Switch on Breaker (Specify No. of Contacts)	BA	●		
Indicator Light with Guard 120 Volt AC (•See Color Table)	CG1	●	●	●
Push-to-Test Light 120 Volt AC (1NO, 1NC) (•See Color Table)	CP1*†	●	●	●
Breather/Drain Installed in Bottom	E$	●	●	●
Breather and Drain Installed	EE$	●	●	●
Auxiliary Contacts on Starter (+NO, -NC) (Specify No. of Contacts)	G (+ -)	●	●	
Time Delay Relay-On Delay (Specify Range)	H1	●	●	
Time Delay Relay-Off Delay (Specify Range)	H2	●	●	
8-Point Terminal Strip	K	●	●	
Epoxy Coating External Only (Specify Color)	L1	●	●	●
Epoxy Coating External and Internal (Specify Color)	L2	●	●	●
Lamacoid Nameplate (Specify Legend)	NP	●	●	●
Overload Heaters (Specify Full Load Amps)	OL	●	●	
Control Relay (Description Required)	R	●	●	
Space Heater (Specify Wattage)	S	●	●	
Shunt Trip on Breaker (Specify Voltage)	ST	●		
50 VA Control Transformer 480V Pri, 120V Sec. W/Fuse Block	T1F	●	●	
100 VA Control Transformer 480V Pri, 120V Sec. W/Fuse Block	T2F	●	●	
150 VA Control Transformer 480V Pri, 120V Sec. W/Fuse Block	T3F	●	●	
200 VA Control Transformer 480V Pri, 120V Sec. W/Fuse Block	T4F	●	●	
250 VA Control Transformer 480V Pri, 120V Sec. W/Fuse Block	T5F	●	●	
300 VA Control Transformer 480V Pri, 120V Sec. W/Fuse Block	T6F	●	●	
Other Control Transformer (Specify VA, Pri. And Sec.)	T7	●	●	
Undervoltage Release on Breaker (Specify Voltage Rating)	UV	●		
Internal Control Wiring	W	●	●	
Other (Specify)	Z	●	●	●

COLOR TABLE:
R-Red
G-Green
A-Amber
B-Blue
C-Clear
W-White

† Not available in Group B applications.
$ for Group B applications add 'H' to suffix

Example: XCBSAQ-N4-4130-A-C1R:
Combination starter with 480 volt, 30 amp thermal magnetic breaker, NEMA size 1 starter with 120 volt AC coil, start/stop dual pushbutton installed in cover, red 120 volt pilot light installed in cover.

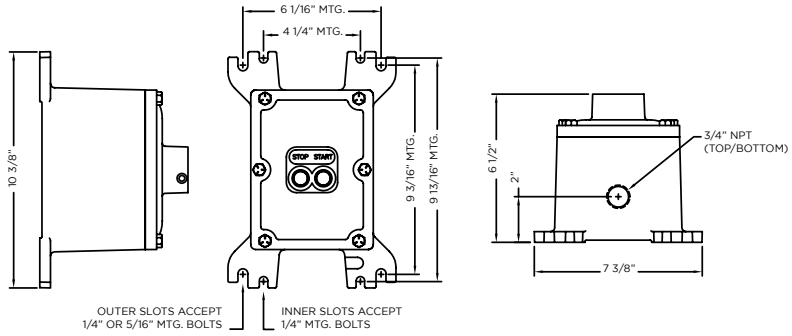
ORDER INSTRUCTIONS:
To order any motor control product, use the catalog number followed by the suffix numbers separated by dashes.

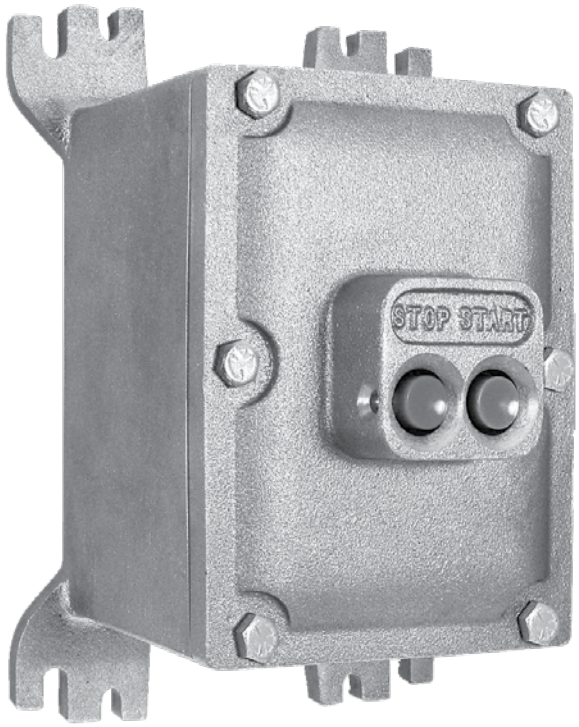
MOTOR STARTER

EXPLOSIONPROOF MOTOR STARTER/PROTECTOR

Certifications

Class I, Groups C, D
Class II, Groups E, F, G
UL Standard 1203 (Classified)
CSA Standard C22.2 No. 30
NEMA: 7CD, 9EFG





Starter Enclosure

- Versatile mounting footprint makes installation in any application fast and easy
- Lightweight, corrosion resistant, copper-free aluminum alloy body (0.3% max. copper content)
- Red and green pushbuttons for easy start/stop operation
- Bolted flange design provides clear access to internal components
- Durable cast-on lugs cannot get lost
- Watertight 'O' ring for NEMA 4X applications

Motor Starter

- Cutler Hammer Type XTPB Manual Motor Starter
- Range of sizes up to 25 amps
- Easy to operate pushbutton actuation
- Current setting dial
- Phase loss protection
- Snap-on accessories

PRODUCT INFORMATION

Maximum Motor Ratings					Maximum UL Horsepower				Rated Uninterrupted Current	Current Range	Magnetic Release	Starter Part #	Suffix
3-Phase (Max kW rating)					3-Phase								
220-240V	380-415 V	440V	500V	660-690V	200V	240V	480V	600V					
-	-	-	-	-	-	-	-	-	-	-	-	NO STARTER	NS
-	-	-	-	.06	*	*	*	*	.16	0.10-0.16	2.2	XTPBP16BC1	1
-	.06	.06	.06	.12	*	*	*	*	.25	0.16-0.25	3.5	XTPBP25BC1	2
.06	.12	.18	.25	.25	*	*	*	*	.4	0.25-0.4	5.6	XTPBP40BC1	3
.09	.25	.25	.37	.55	*	*	1/2	1/2	.63	0.4-0.63	8.8	XTPBP63BC1	4
.12	.25	.25	.37	.55	*	*	1/2	1/2	1	0.63-1	14	XTPB001BC1	5
.25	.55	.55	.75	1.1	*	*	3/4	1	1.6	1-1.6	22	XTPB1P6BC1	6
.37	.75	1.1	1.1	1.5	1/2	1/2	1	1 1/2	2.5	1.6-2.5	35	XTPB2P5BC1	7
.75	1.5	1.5	2.2	3	1	1	2	3	4	2.5-4	56	XTPB004BC1	8
1.1	2.2	3	3	4	1 1/2	1 1/2	3	5	6.3	4-6.3	88	XTPB6P3BC1	9
2.2	4	4	4	7.5	3	3	7 1/2	10	10	6.3-10	140	XTPB010BC1	10
4	7.5	9	9	12.5	3	5	10	10	16	10-16	224	XTPB016BC1	11
5.5	9	11	12.5	15	5	5	10	15	20	16-20	280	XTPB020BC1	12
5.5	12.5	12.5	15	22	5	7 1/2	15	20	25	20-25	350	XTPB025BC1	13

*In this range, calculate motor rating according to rated current. Specified values to NEC Table 430.250.

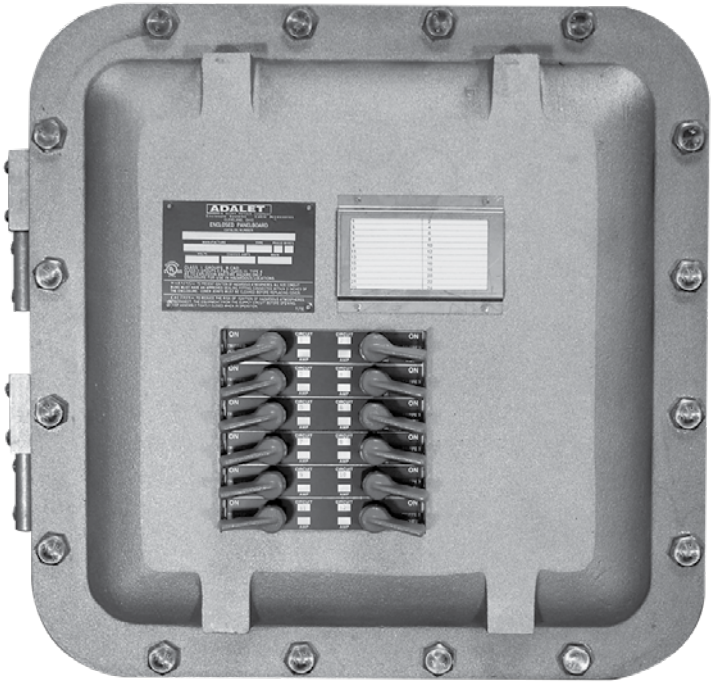
Part Number Build

Part # XIFC040604 N4 15021 1 AC

Base Catalog Number
Starter Type Suffix
Options

Auxiliary Contacts (1NO, 1NC) - AC
Shunt Trip - ST1
Under Voltage Release - UV1
Breather/Drain Installed in Bottom - EE
Lockout Device on Pushbutton - LD

XPB: EXPLOSIONPROOF LIGHTING & POWER DISTRIBUTION PANELBOARDS



Certifications
Class I, Div. 1 & 2, Groups B, C, & D
Class II, Div. 1 & 2, Groups E, F, & G
Class III
NEMA Type 4X, 7, 9
UL1203/CSA C22.2 No. 25 & 30
UL50

PRODUCT INFORMATION

Features

• Spring-loaded through the door circuit breaker handles for 1P, 2P, and 3P breakers
• Padlock provision for breaker handles
• Copper bus bars
• Aluminum hinge with stainless steel hardware
• Pre-drilled for Eaton PRL1A / PRL2A / PRL3A panelboard chassis
• Circuit directory card on front cover
• One-piece, NEMA 4 water-tight gasket
• Premium, high-strength stainless steel quick thread cover bolts
• Internal grounding provisions
• Cast-on mounting feet
• Tumblast surface preparation for uniform, natural, aluminum finish
• Standard drilled & tapped conduit configurations

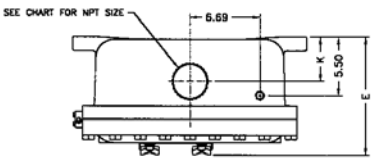
Material

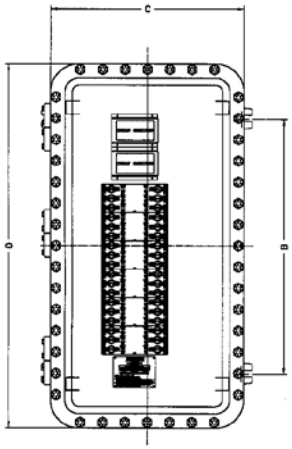
• Enclosures cast from proprietary 359 aluminum alloy
• Standard stainless steel cover bolts are 316L
• Hinge blocks are 359 aluminum, pins and hardware are 303 stainless steel

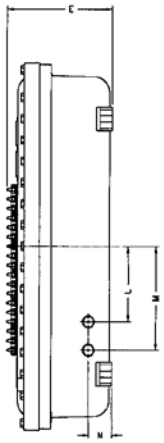
Design Options

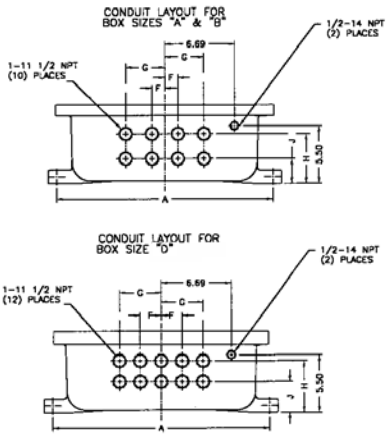
• Back fed main breaker, main lug only, or power panel configurations
• 120/240V / 120/208V and 277/480V versions
• 1P, 2P, or 3P bolt-on breakers
• 1P and 2P - 5mA and 30mA GFCI / EPD breakers
• Top or bottom feed
• Non-removable hinges
• Customer specified drilling and tapping
• Breather / drain
• Close up plugs

PANELBOARDS









CONDUIT ENTRIES					
	Box Size	Conduit Entries (NPT)			
		1/2"	1"	2"	3"
A	Top	(1)	-	(1)	-
	Side	-	(2)	-	-
B	Bottom	(1)	(8)	-	-
	Top	(1)	-	(1)	-
	Side	-	(2)	-	-
C	Bottom	(1)	(8)	-	-
	Top	(1)	-	-	(1)
	Side	-	(2)	-	-
	Bottom	(1)	(10)	-	-

NOMINAL DIMENSIONS									
Box Size	Box Inside Dimensions			Mtg. Width (A)	Mtg. Width (B)	Overall Cover (C)	Overall Hole (D)	Overall Each (E)	Mtg. Bolt Size
	W	L	D						
A	16	16	6	19 3/4	11	20 7/8	20 7/8	11	5/8
B	16	24	6	19 3/4	18 3/8	20 7/8	28 7/8	11 1/2	5/8
D	16	34	6	19 3/4	27	20 1/2	38 1/2	10 3/4	5/8

NOMINAL DIMENSIONS									
Box Size	F	G	H	J	K	L	M	N	Weight (lbs).
A	1 1/4	3 3/4	4 3/4	2 3/8	3 5/8	1	3 1/2	2 1/2	160
B	1 1/4	3 3/4	4 3/4	2 3/8	3 5/8	3	5	2 1/2	220
D	2	4	4 15/16	2 15/16	4 3/16	8	11	2 1/2	285

LIGHTING PANELBOARDS

Features

• Explosionproof circuit breaker lighting panelboards use cast aluminum alloy housings with hinged cover
• External operating handles can be padlocked in “on” or “off” position
• Incorporates Cutler-Hammer bolt-on breakers @ 240 volt max.
• Top feed standard

How to Order

1. Specify catalog number and voltage.
2. Number of operator handles, single pole, two pole and three pole as required.
3. Circuit breakers, number of poles and ampere rating.
4. Unused spaces will be plugged. Top feed standard.

BACK FED MAIN BREAKER PANELBOARDS

120/240 Volt, 1 phase 3 wire, solid neutral, Chassis without branch breakers or operating handles, 10,000 Ampere interrupting capacity (sym.).

BACK FED MAIN BREAKER PANELBOARDS			
Number of Available Poles	Catalog Number	Main Breaker Included	Box Size
10	XPB1-121 B1	100 Amp	A
22	XPB1-241 B1	100 Amp	B

BACK FED MAIN BREAKER PANELBOARDS

120/208 Volt, 3 phase 4 wire, solid neutral, Chassis without branch breakers or operating handles, 10,000 Ampere interrupting capacity (sym.).

BACK FED MAIN BREAKER PANELBOARDS			
Number of Available Poles	Catalog Number	Main Breaker Included	Box Size
9	XPB1-123 B1	100 Amp	A
21	XPB1-243 B1	100 Amp	B

MAIN LUG ONLY PANELBOARDS

1 Phase 3 wire 120/240 volt top feed main lug only, Chassis without branch breakers or operating handles, 10,000 Ampere interrupting capacity (sym).

1 PHASE 3 WIRE 120/240 VOLT TOP FEED MAIN LUG ONLY			
Number of Available Poles	Catalog Number	Main Breaker Box Included	Box Size
12	XPB1-121L1	100	A
24	XPB1-241L1	100	B
24	XPB1-241L2	225	B
30	XPB1-301L2	225	D
36	XPB1-361L2	225	D

MAIN LUG ONLY PANELBOARDS

3 Phase 4 wire 120/208 volt top feed main lug only, Chassis without branch breakers or operating handles, 10,000 Ampere interrupting capacity (sym).

3 PHASE 4 WIRE 120/208 VOLT TOP FEED MAIN LUG ONLY			
Number of Available Poles	Catalog Number	Main Breaker Box Included	Box Size
12	XPB1-123L1	100	A
24	XPB1-243L1	100	B
24	XPB1-243L2	225	B
30	XPB1-303L2	225	D
36	XPB1-363L2	225	D

LIGHTING PANELBOARD MODIFICATIONS AND OPTIONS

Optional Features - Modifications:

Suffix Letter	Description
E	Breather Drain (not type 4)
EE	Breather and Drain (not type 4)
L1	Epoxy Coating Outside
L2	Epoxy Coating Inside/Outside

CIRCUIT BREAKER OPERATOR HANDLES

• Installed in XPB1 panel boards

Catalog #	Operator Description	Weight Lbs
XPB1-H1	For single pole BAB breakers	1/4 lb.
XPB1-H2	For two pole BAB breakers	1/4 lb.
XPB1-H3	For three pole BAB breakers	1/4 lb.
XPB1-GL	For single pole GFI breaker left	1/4 lb.
XPB1-GR	For single pole GFI breaker right	1/4 lb.
XPB1-GR2	For two pole GFI breaker right	1/4 lb.
XPB1-GL2	For two pole GFI breaker left	1/4 lb.

BRANCH CIRCUIT BREAKERS

• Installed in XPB1 panel boards
• Bolt-on thermal magnetic breakers 120/240 volt 10,000 ampere I.C.

Catalog #	Operator Description
XPB1-1*	1 pole breaker (available in 10-70 amp)
XPB1-2*	2 pole breaker (available in 10-100 amp)
XPB1-3*	3 pole breaker (available in 10-100 amp)

GROUND FAULT CIRCUIT PROTECTORS

• 120/240 Volt 10,000 Ampere I.C. Std., 22,000 Ampere I.C. Optional
• Available with special application Bell Alarm or Auxiliary Switch.

Catalog #	Operator Description
XPB1-1GFCI*	1 pole GFCI Breaker 5 MA Sensitivity
XPB1-2GFCI*	2 pole GFCI Breaker 5 MA Sensitivity
XPB1-1GFEPD*	1 pole GFCI Breaker 30 MA Sensitivity
XPB1-2GFEPD*	2 pole GFCI Breaker 30 MA Sensitivity

LIGHTING PANELBOARDS

Features

• Explosionproof circuit breaker lighting panelboards use cast aluminum alloy housings with hinged cover
• External operating handles can be padlocked in “on” or “off” position
• Incorporates Cutler-Hammer bolt-on breakers @ 480 volt max.
• Top feed standard

How to Order

1. Specify catalog number and voltage.
2. Number of operator handles, single pole, two pole and three pole as required.
3. Circuit breakers, number of poles and ampere rating.
4. Unused spaces will be plugged. Top feed standard.

BACK FED MAIN BREAKER PANELBOARDS

277/480 Volt, 3 phase 4 wire, solid neutral, Chassis without branch breakers or operating handles, 10,000 Ampere interrupting capacity (sym.).

BACK FED MAIN BREAKER PANELBOARDS			
Number of Available Poles	Catalog Number	Main Breaker Included	Box Size
9	XPB2-123 B1	100 Amp	A
21	XPB2-243 B1	100 Amp	B

MAIN LUG ONLY PANELBOARDS

3 Phase 4 wire 277/480 volt. Chassis without branch breakers or operating handles, 10,000 Ampere interrupting capacity (sym).

BACK FED MAIN BREAKER PANELBOARDS			
Number of Available Poles	Catalog Number	Main Breaker Included	Box Size
12	XPB2-123L1	100	A
24	XPB2-243L1	100	B
24	XPB2-243L2	225	B
30	XPB2-303L2	225	D
36	XPB2-363L2	225	D

POWER DISTRIBUTION PANELBOARD MODIFICATIONS AND OPTIONS

Optional Features - Modifications:

Suffix Letter	Description
E	Breather Drain (not type 4)
EE	Breather and Drain (not type 4)
L1	Epoxy Coating Outside
L2	Epoxy Coating Inside/Outside

CIRCUIT BREAKER OPERATOR HANDLES

- Installed in XPB2 panel boards

Catalog #	Operator Description	Weight Lbs
XPB2-H1	For 1, 2, or 3-pole GHB breaker	1/4 lb.

BRANCH CIRCUIT BREAKER

- Installed in XPB1 panel boards
- Bolt-on thermal magnetic breakers

Catalog #	Operator Description
XPB2-1*	1 pole GHB breaker (available in 15-100 amp) 277 volt A.C.
XPB2-2*	2 pole GHB breaker (available in 15-100 amp) 480 volt A.C.
XPB2-3*	3 pole GHB breaker (available in 15-100 amp) 480 volt A.C.

X1PB: EXPLOSIONPROOF PANELBOARDS

Certifications

Class I, Div. 1 and 2, Groups B, C, and D
Class II, Div. 1 and 2, Groups E, F, and G
Class III
UL1203/CSA C22.2 No. 25 & 30
Class I, Zone 1, AEx d IIB
UL 60079-0 and UL60079-1
Ex d IIB
CSA C22.2 No.60079-0 and No. 60079-1
TYPE 4X and 13
UL50E/CSA C22.2 NO. 94.2:20
IP66
IEC 60529
NEMA 4X, 7 (BCD), 9 (FG), and 13

PRODUCT INFORMATION

Features

• Spring-loaded through the door circuit breaker handles for 1P, 2P, and 3P breakers
• Padlock provision for breaker handles
• Copper bus bars
• Aluminum hinge with stainless steel hardware
• Pre-drilled for Eaton PRL1A / PRL2A / PRL3A panelboard chassis
• Circuit directory card on front cover
• One-piece, TYPE 4 water-tight cover gasket
• Premium, high-strength stainless steel quick thread cover bolts
• Internal grounding provisions
• Breather & drain
• Cast-on mounting feet
• Tumblast surface preparation for uniform, natural, aluminum finish
• Standard drilled & tapped conduit configurations

Material

• Enclosures cast from proprietary 359 aluminum alloy
• Standard stainless steel cover bolts are 316L
• Hinge blocks are 359 aluminum, pins and hardware are 303 stainless steel

Design Options

• Vertical main breaker, back feed main breaker, or main lug only, or power panel configurations
• 1P-3W 120/240V, 3P-4W 120/208V or 277/480V Lighting Panels
• 3P-3W or 3P-4W 600V Power Panels
• 1P, 2P, or 3P bolt-on breakers
• 1P and 2P - 5mA and 30mA GFCI / EPD breakers
• Top or bottom feed
• Factory installed branch breakers and handles
• Non-removable hinges
• Customer specified conduit entries
• Blank boxes for field drilling conduit entrances
• Multiple coating options for additional corrosion resistance
• Breather / drain
• Close up plugs
• Blank boxes for field drilling conduit entrances

X1PB1 SERIES

Features

- Eaton Pow-R-Line C™ 1a Panelboard
- 12, 24, 30, 36 & 42 Circuit Main Lug Only
- 10, 16, 21 Circuit with 2-Pole Back Feed Main Breaker (100A Max)
- 9, 15, 21 Circuit with 3-Pole Back Feed Main Breaker (100A Max)
- 12, 24, 36 & 42 Circuit with 100A or 225A Eaton Power Defense™ Vertical Main Breaker
- Top or Bottom Feed
- 1-Phase 3-Wire 120/240 Volt, 3-Phase 4-Wire 120/208 Volt
- 100 or 225 Amp Copper Bus
- Main Breaker and Operating Handle Included
- Branch Circuit Operator Openings Plugged

X1PB2 SERIES

Features

- Eaton Pow-R-Line C™ 2a Panelboard
- 12, 24, 30, 36 & 42 Circuit Main Lug Only
- 9, 15, 21 Circuit with 3-Pole Back Feed Main Breaker (100A Max)
- 12, 24, 36 & 42 Circuit with 100A or 225A Eaton Power Defense™ Vertical Main Breaker
- Top or Bottom Feed
- 3-Phase 4-Wire 277/480 Volt
- 100 or 225 Amp Copper Bus
- Main Breaker and Operating Handle Included
- Branch Circuit Operator Openings Plugged

X1PB3 SERIES

Features

- Eaton Pow-R-Line C™ 3a Main Lug Only Panelboard
- 6, 8 or 10 3-Pole Branch Breakers
- Top or Bottom Feed
- 3-Phase 4-Wire 277/480 Volt
- 225 Amp Copper Bus
- 3-Phase 3-Wire 600 Volts
- 3-Phase 4-Wire 600 Volts

Options & Accessories

BRANCH CIRCUIT OPERATING HANDLES & PLUGS	
Catalog #	Description
X1PB1-H1	Single Pole PL1A Breaker Handle
X1PB1-H2	Two Pole PL1A Breaker Handle
X1PB1-H3	Three Pole PL1A Breaker Handle
X1PB2-H PL2A	Breaker Handle (ALL POLES)
X1PB1-HGL1	Single Pole PL1A GFI/EPD Breaker Handle - Left Hand
X1PB1-HGR1	Single Pole PL1A GFI/EPD Breaker Handle - Right Hand
X1PB1-HGL2	Two Pole PL1A GFI/EPD Breaker Handle - Left Hand
X1PB1-HGR2	Two Pole PL1A GFI/EPD Breaker Handle - Right Hand
X1PB-MB	PL1A/PL2A Vertical Main Breaker Assembly
X1P3-H	PL3A Circuit Breaker Handle
15562-7	PL1A/PL2A Branch Space Hole Plug
18023	PL3A Branch Space Hole Plug

BRANCH CIRCUIT BREAKERS, GFI & EPD	
Catalog #	Description
X1PB1-1*	1 Pole, 120/240 Volt, Branch Breaker (10-70, 100 Amp.)
X1PB1-2*	2 Pole, 120/240 Volt, Branch Breaker (10-125 Amp.)
X1PB1-3*	3 Pole, 240 Volt, Branch Breaker (10-100 Amp.)
X1PB2-1*	1 Pole, 277/480 Volt, Branch Breaker (15-100 Amp.)
X1PB2-2*	2 Pole, 277/480 Volt, Branch Breaker (15-100 Amp.)
X1PB2-3*	3 Pole, 277/480 Volt, Branch Breaker (15-100 Amp.)
X1BP1-1GFCI*	1 Pole, 120 Volt, 5mA, Ground Fault Circuit Breaker (15-40 Amp.)
X1BP1-2GFCI*	2 Pole, 120/240 Volt, 5mA, Ground Fault Circuit Breaker (15-40 Amp.)
X1BP1-1GFEPD*	1 Pole, 120 Volt, 30mA, Ground Fault Equipment Protector (15-40 Amp.)
X2BP1-1GFEPD*	2 Pole, 120/240 Volt, 30mA, Ground Equipment Protector (15-40 Amp.)
X1PB3-43*	3 Pole, 480 Volt, Branch Breaker (10-100 Amp.)
X1PB3-63*	3 Pole, 600 Volt, Branch Breaker (10-100 Amp.)

***Add the Ampere Rating of the Branch Breaker When Ordering**

How to Order:

1. Complete Catalog Number
- **T for Top Feed or B for Bottom Feed**
- **Add Suffix -NC for Blank Box (No Conduit Entries)**

2. For Factory Installed Branch Breakers and Handles
- **Main Lug Only and Vertical Main Breaker Lighting Panelboards: Starting at Circuit 1 (first branch space upper left corner) specify circuit breaker type, number of poles, and ampacity -or- include drawing/layout arrangement.**
- **Back Feed Main Breaker Lighting Panelboards: Starting at Circuit 2 (first branch space upper right corner) specify circuit breaker type, number of poles, and ampacity -or- include drawing/layout arrangement.**
- **Main Lug Only Power Panelboards: Starting at Breaker 1 (first breaker upper left corner) specify circuit breaker type and ampacity -or- include drawing/layout arrangement. (Note: 3-Pole Breakers Only)**

3. If Lower Amperage Main Breaker is Required.
- **Add Suffix -MB(AMPS) to end of catalog number. Example -MB200 for 200 Amp Main.**

4. For Custom Conduit Entries
- **Include drawing/layout of required conduit arrangement.**

EXPLOSIONPROOF PANELBOARDS - LIGHTING PANEL MAIN LUG ONLY

LIGHTING PANELS				
		EATON CUTLER HAMMER POW-R-LINE C PANELBOARDS		
Catalog Number	# Branch Breakers	Electrical Rating	Bus Amp	Chassis Type
X1PB1-121-L1_	12	1Ø-3W 120/240V	100	PRL1A
X1PB1-241-L1_	24	1Ø-3W 120/240V	100	PRL1A
X1PB1-241-L2_	24	1Ø-3W 120/240V	225	PRL1A
X1PB1-301-L2_	30	1Ø-3W 120/240V	225	PRL1A
X1PB1-361-L2_	36	1Ø-3W 120/240V	225	PRL1A
X1PB1-421-L2_	42	1Ø-3W 120/240V	225	PRL1A
X1PB1-123-L1_	12	3Ø-4W 120/208V	100	PRL1A
X1PB1-243-L1_	24	3Ø-4W 120/208V	100	PRL1A
X1PB1-243-L2_	24	3Ø-4W 120/208V	225	PRL1A
X1PB1-303-L2_	30	3Ø-4W 120/208V	225	PRL1A
X1PB1-363-L2_	36	3Ø-4W 120/208V	225	PRL1A
X1PB1-423-L2_	42	3Ø-4W 120/208V	225	PRL1A
X1PB2-123-L1_	12	3Ø-4W 277/480V	100	PRL2A
X1PB2-243-L1_	24	3Ø-4W 277/480V	100	PRL2A
X1PB2-243-L2_	24	3Ø-4W 277/480V	225	PRL2A
X1PB2-303-L2_	30	3Ø-4W 277/480V	225	PRL2A
X1PB2-363-L2_	36	3Ø-4W 277/480V	225	PRL2A
X1PB2-423-L2_	42	3Ø-4W 277/480V	225	PRL2A

NOTES:
"_" Complete catalog number by adding:
T = Top Feed
B = Bottom Feed
-NC = Blank Box (No Conduit Entries)

BRANCH CIRCUIT OPERATING HANDLES & PLUGS		
Catalog #	Part Number	Description
X2PB1-H1	22449-1	Single Pole PL1A Breaker Handle
X2PB1-H2	22449-2	Two Pole PL1A Breaker Handle
X2PB1-H3	22449-3	Three Pole PL1A Breaker Handle
X2PB2-H	22449-8	PL2A Breaker Handle (ALL POLES)
X2PB1-HGL1	22449-4	Single Pole PL1A GFI/EPD Breaker Handle - Left Hand
X2PB1-HGR1	22449-5	Single Pole PL1A GFI/EPD Breaker Handle - Right Hand
X2PB1-HGL2	22449-6	Two Pole PL1A GFI/EPD Breaker Handle - Left Hand
X2PB1-HGR2	22449-7	Two Pole PL1A GFI/EPD Breaker Handle - Right Hand
XPPH-N4	15562-7	Branch Space Plug (3/8" NPSM)

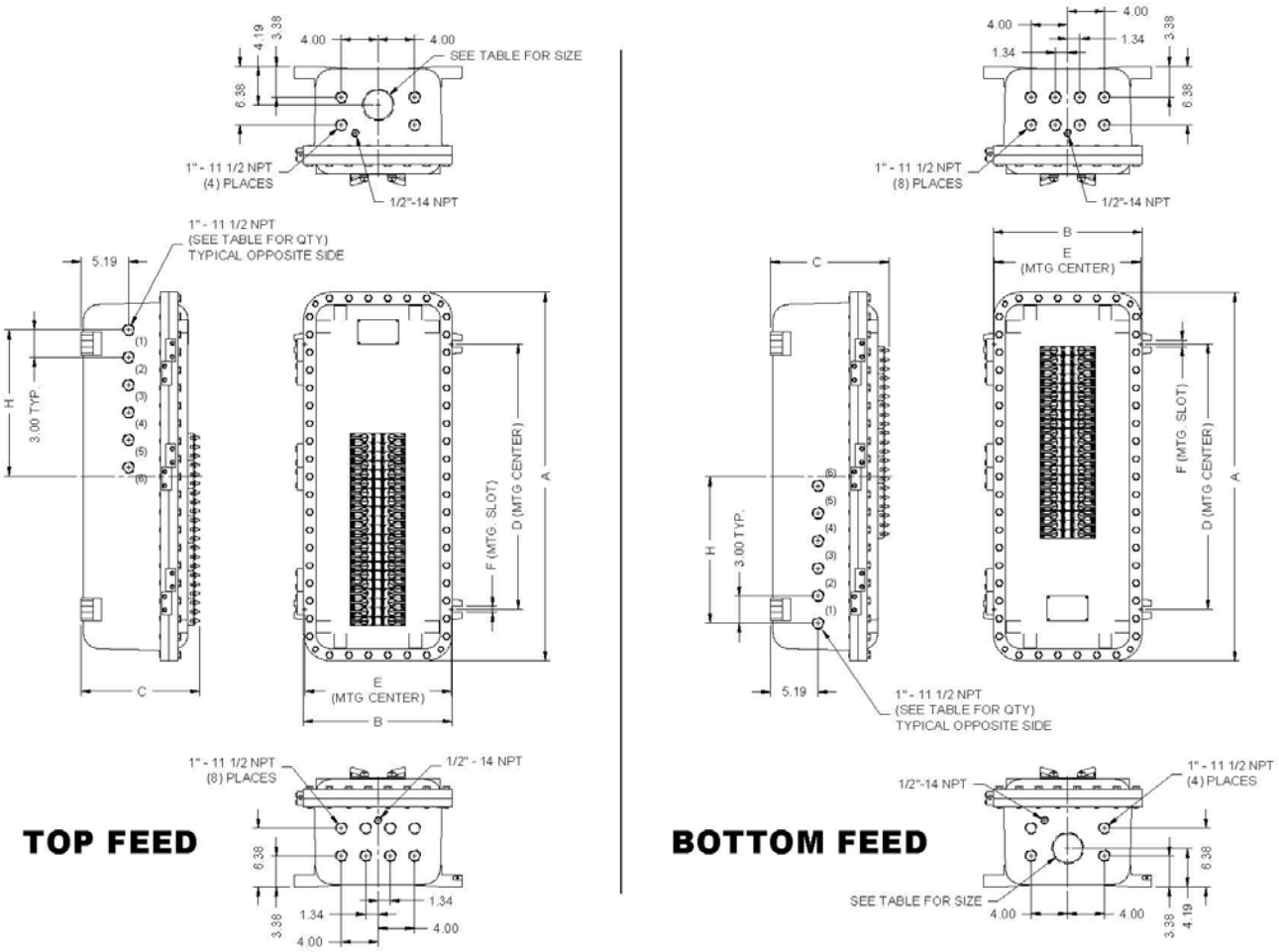
BRANCH BREAKERS	
PRL1A	PRL2A
BAB	
QBGF	GHB
QBGFEP	

NOTES:
The catalog numbers on this page are for the basic pre-drilled panelboard enclosure, as illustrated, with an interior main lug only chassis. Branch breaker holes are plugged.

Internal branch breakers and external branch breaker handles are NOT included in the basic enclosure catalog number and must be ordered as seperate items.

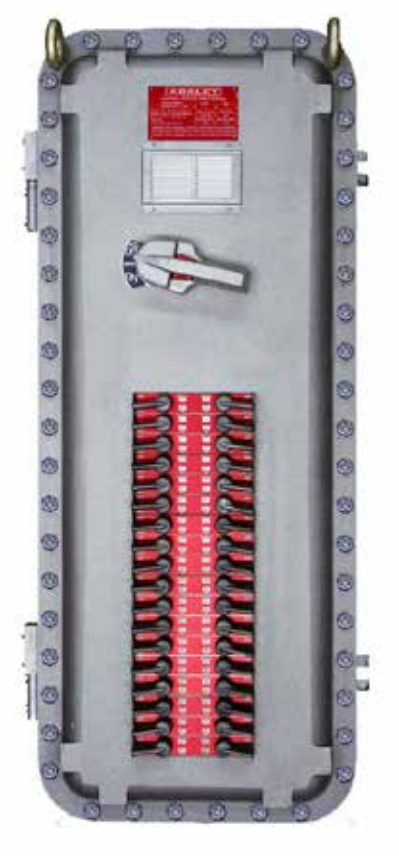
MAIN LUG ONLY PANELBOARDS LESS CHASSIS AND CONDUIT BRAND BREAKER HOLES PLUGGED			
Catalog #	# Of Branch Breakers	For use with Eaton Chassis Type	With CU BUSS AMPS
X1PB1-12-L1_-NCC	12-CIR	PL1A	100A
X1PB1-24-L1_-NCC	24-CIR	PL1A	100A
X1PB1-24-L2_-NCC	24-CIR	PL1A	225A
X1PB1-30-L2_-NCC	30-CIR	PL1A	225A
X1PB1-36-L2_-NCC	36-CIR	PL1A	225A
X1PB1-42-L2_-NCC	42-CIR	PL1A	225A
X1PB2-12-L1_-NCC	12-CIR	PL2A	100A
X1PB2-24-L1_-NCC	24-CIR	PL2A	100A
X1PB2-24-L2_-NCC	24-CIR	PL2A	225A
X1PB2-30-L2_-NCC	30-CIR	PL2A	225A
X1PB2-36-L2_-NCC	36-CIR	PL2A	225A
X1PB2-42-L2_-NCC	42-CIR	PL2A	225A

NOTES:
"_" Complete catalog number by adding:
"T" = Top Feed
"B"= Bottom Feed



DIMENSIONAL OUTLINE										
Catalog #	A	B	C	D	E	F	Main Conduit Feed Size	H	Left & Right Side Hole Location and Qtys	XP Enclosure
X1PB1-121-L1_	22.25	16.25	12.03	14.13	15.75	0.5	2"	7	1 THRU 3	XCEX 121808 N4
X1PB1-241-L1_	28.25	16.25	12.54	18.38	15.75	0.63	2.5"	10	1 THRU 4	XCEX 122408 N4
X1PB1-241-L2_	40.25	16.25	13.38	29	15.75	0.68	3"	16	1 THRU 6	XCEX 123608 N4
X1PB1-301-L2_	40.25	16.25	13.38	29	15.75	0.68	3"	16	1 THRU 6	XCEX 123608 N4
X1PB1-361-L2_	40.25	16.25	13.38	29	15.75	0.68	3"	16	1 THRU 6	XCEX 123608 N4
X1PB1-421-L2_	40.25	16.25	13.38	29	15.75	0.68	3"	16	1 THRU 6	XCEX 123608 N4
X1PB1-123-L1_	22.25	16.25	12.03	14.13	15.75	0.5	2"	7	1 THRU 3	XCEX 121808 N4
X1PB1-243-L1_	28.25	16.25	12.54	18.38	15.75	0.63	2.5"	10	1 THRU 4	XCEX1 22408 N4
X1PB1-243-L2_	40.25	16.25	13.38	29	15.75	0.68	3"	16	1 THRU 6	XCEX 123608 N4
X1PB1-303-L2_	40.25	16.25	13.38	29	15.75	0.68	3"	16	1 THRU 6	XCEX 123608 N4
X1PB1-363-L2_	40.25	16.25	13.38	29	15.75	0.68	3"	16	1 THRU 6	XCEX 123608 N4
X1PB1-423-L2_	40.25	16.25	13.38	29	15.75	0.68	3"	16	1 THRU 6	XCEX 123608 N4
X1PB2-123-L1_	22.25	16.25	12.03	14.13	15.75	0.5	2"	7	1 THRU 3	XCEX 121808 N4
X1PB2-243-L1_	28.25	16.25	12.54	18.38	15.75	0.63	2.5"	10	1 THRU 4	XCEX 122408 N4
X1PB2-243-L2_	40.25	16.25	13.38	29	15.75	0.68	3"	16	1 THRU 6	XCEX 123608 N4
X1PB2-303-L2_	40.25	16.25	13.38	29	15.75	0.68	3"	16	1 THRU 6	XCEX 123608 N4
X1PB2-363-L2_	40.25	16.25	13.38	29	15.75	0.68	3"	16	1 THRU 6	XCEX 123608 N4
X1PB2-423-L2_	40.25	16.25	13.38	29	15.75	0.68	3"	16	1 THRU 6	XCEX 123608 N4

EXPLOSIONPROOF PANELBOARDS - VERTICAL MAIN BREAKER



BRANCH CIRCUIT OPERATING HANDLES & PLUGS		
Catalog #	Part Number	Description
X2PB1-H1	22449-1	Single Pole PL1A Breaker Handle
X2PB1-H2	22449-2	Two Pole PL1A Breaker Handle
X2PB1-H3	22449-3	Three Pole PL1A Breaker Handle
X2PB2-H	22449-8	PL2A Breaker Handle (ALL POLES)
X2PB1-HGL1	22449-4	Single Pole PL1A GFI/EPD Breaker Handle - Left Hand
X2PB1-HGR1	22449-5	Single Pole PL1A GFI/EPD Breaker Handle - Right Hand
X2PB1-HGL2	22449-6	Two Pole PL1A GFI/EPD Breaker Handle - Left Hand
X2PB1-HGR2	22449-7	Two Pole PL1A GFI/EPD Breaker Handle - Right Hand
X2PB-MB	22449-9	PL1A/PL2A Vertical Main Breaker Assembly
XPPH-N4	15562-7	Branch Space Plug (3/8" NPSM)
XPPH4-N4	18023	Main Breaker Plug (1" NPSM)

BRANCH BREAKERS	
PRL1A	PRL2A
BAB	
QBGF	GHB
QBGFEP	

NOTES:
The catalog numbers on this page are for the basic pre-drilled panelboard enclosure, as illustrated, with interior chassis, main breaker, and main breaker handle. Branch breaker holes are plugged.

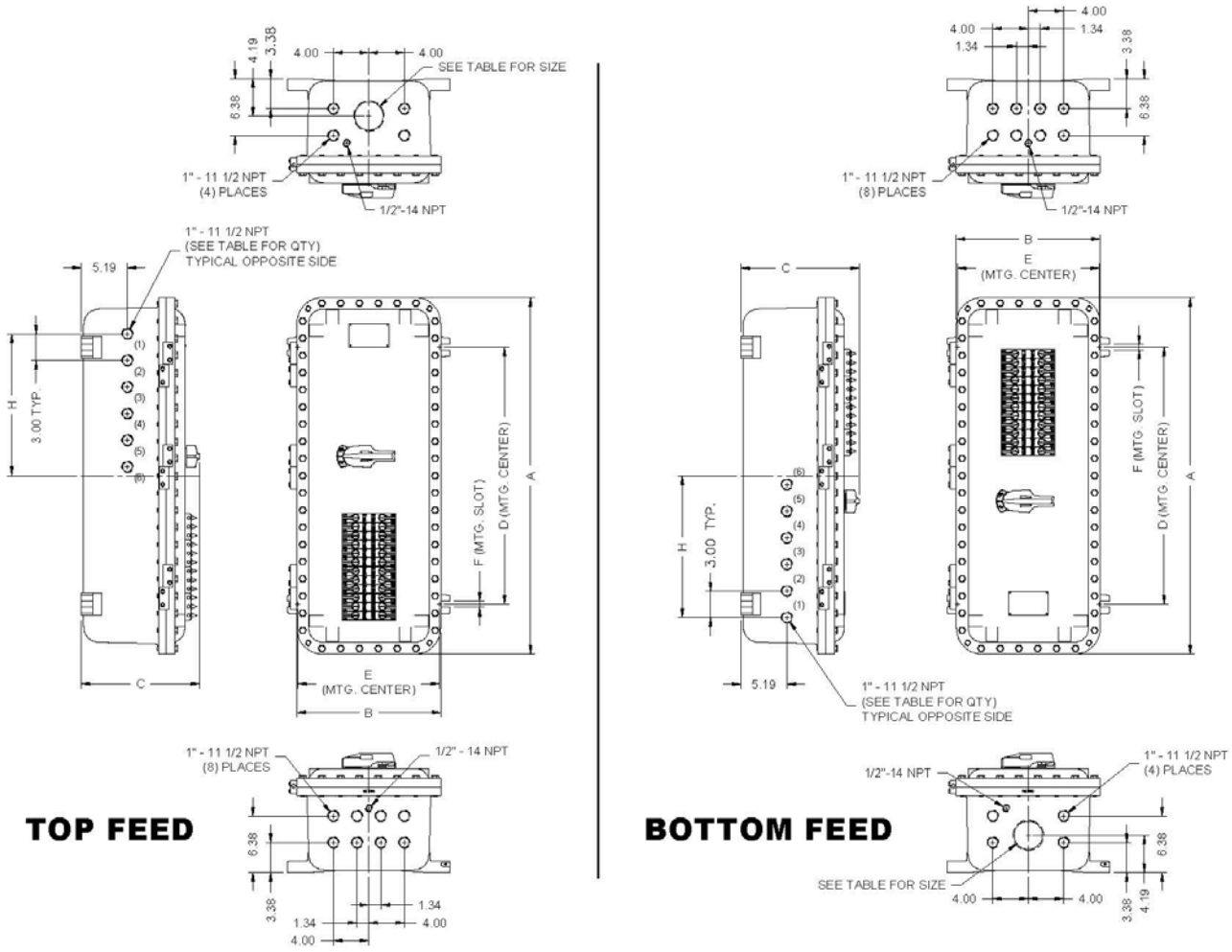
Internal branch breakers and external branch breaker handles are NOT included in the basic enclosure catalog number and must be ordered as separate items.

LIGHTING PANELS					
		EATON CUTLER HAMMER POW-R-LINE C PANELBOARDS			
Catalog Number	# Branch Breakers	Electrical Rating	Main Breaker Type	Bus Amp	Chassis Type
X1PB1-121-M1_	12	1Ø-3W 120/240V	PDG23F0100	100	PRL1A
X1PB1-241-M1_	24	1Ø-3W 120/240V	PDG23F0100	100	PRL1A
X1PB1-241-M2_	24	1Ø-3W 120/240V	PDG23G0225	225	PRL1A
X1PB1-361-M2_	36	1Ø-3W 120/240V	PDG23G0225	225	PRL1A
X1PB1-421-M2_	42	1Ø-3W 120/240V	PDG23G0225	225	PRL1A
X1PB1-123-M1_	12	3Ø-4W 120/208V	PDG23F0100	100	PRL1A
X1PB1-243-M1_	24	3Ø-4W 120/208V	PDG23F0100	100	PRL1A
X1PB1-243-M2_	24	3Ø-4W 120/208V	PDG23G0225	225	PRL1A
X1PB1-363-M2_	36	3Ø-4W 120/208V	PDG23G0225	225	PRL1A
X1PB1-423-M2_	42	3Ø-4W 120/208V	PDG23G0225	225	PRL1A
X1PB2-123-M1_	12	3Ø-4W 277/480V	PDG23F0100	100	PRL2A
X1PB2-243-M1_	24	3Ø-4W 277/480V	PDG23F0100	100	PRL2A
X1PB2-243-M2_	24	3Ø-4W 277/480V	PDG23G0225	225	PRL2A
X1PB2-363-M2_	36	3Ø-4W 277/480V	PDG23G0225	225	PRL2A
X1PB2-423-M2_	42	3Ø-4W 277/480V	PDG23G0225	225	PRL2A

NOTES:
"_" Complete catalog number by adding:
T = Top Feed
B = Bottom Feed
-NC = Blank Box (No Conduit Entries)

MAIN BREAKER PANELBOARDS LESS CHASSIS INCLUDES MAIN BREAKER HANDLE - BRAND BREAKER HOLES PLUGGED			
Catalog #	# Of Branch Breakers	For use with Eaton Chassis Type	With CU BUSS AMPS
X1PB1-12-M1_-NCC	12-CIR	PL1A	100A
X1PB1-24-M_-NCC	24-CIR	PL1A	100/225A
X1PB1-36-M2_-NCC	36-CIR	PL1A	225A
X1PB1-42-M2_-NCC	42-CIR	PL1A	225A
X1PB2-12-M1_-NCC	36-CIR	PL2A	100A
X1PB2-24-M_-NCC	42-CIR	PL2A	100/225A
X1PB2-36-M2_-NCC	12-CIR	PL2A	225A
X1PB2-42-M2_-NCC	24-CIR	PL2A	225A

NOTES:
"_" Complete catalog number by adding:
"T" = Top Feed
"B"= Bottom Feed



DIMENSIONAL OUTLINE										
Catalog #	A	B	C	D	E	F	Main Conduit Feed Size	H	Left & Right Side Hole Location and Qtys	XP Enclosure
X1PB1-121-M1_	28.25	16.25	12.94	18.38	15.75	0.63	2 - 2 1/2	10	1 thru 4	XCEX 122408 N4
X1PB1-241-M1_	40.25	16.25	13.38	18.38	15.75	0.68	3	16	1 thru 6	XCEX 123608 N4
X1PB1-241-M2_	40.25	16.25	13.38	29	15.75	0.68	3	16	1 thru 6	XCEX 123608 N4
X1PB1-361-M2_	50.25	16.25	13.38	39	15.75	0.68	3	21	1 thru 6	XCEX 124608 N4
X1PB1-421-M2_	50.25	16.25	13.38	39	15.75	0.68	2 - 2 1/2	21	1 thru 6	XCEX 124608 N4
X1PB1-123-M2_	28.25	16.25	12.94	18.38	15.75	0.63	3	10	1 thru 4	XCEX 122408 N4
X1PB1-243-M1_	40.25	16.25	13.38	29	15.75	0.68	3	16	1 thru 6	XCEX123608 N4
X1PB1-243-M2_	40.25	16.25	13.38	29	15.75	0.68	3	16	1 thru 6	XCEX 123608 N4
X1PB1-363-M2_	50.25	16.25	13.38	39	15.75	0.68	3	21	1 thru 6	XCEX 124608 N4
X1PB1-423-M2_	50.25	16.25	13.38	39	15.75	0.68	2 - 2 1/2	21	1 thru 6	XCEX 124608 N
X1PB2-123-M1_	28.25	16.25	12.94	18.38	15.75	0.63	2 - 2 1/2	10	1 thru 4	XCEX 122408 N4
X1PB2-243-M1_	40.25	16.25	13.38	29	15.75	0.68	3	16	1 thru 6	XCEX 123608 N4
X1PB2-243-M2_	40.25	16.25	13.38	29	15.75	0.68	3	16	1 thru 6	XCEX 123608 N4
X1PB2-363-M2_	50.25	16.25	13.38	39	15.75	0.68	3	21	1 thru 6	XCEX 124608 N4
X1PB2-423-M2_	50.25	16.25	13.38	39	15.75	0.68	3	21	1 thru 6	XCEX 124608 N4

EXPLOSIONPROOF PANELBOARDS - BACK FEED MAIN BREAKER

BRANCH CIRCUIT OPERATING HANDLES & PLUGS		
Catalog #	Part Number	Description
X2PB1-H1	22449-1	Single Pole PL1A Breaker Handle
X2PB1-H2	22449-2	Two Pole PL1A Breaker Handle
X2PB1-H3	22449-3	Three Pole PL1A Breaker Handle
X2PB2-H	22449-8	PL2A Breaker Handle (ALL POLES)
X2PB1-HGL1	22449-4	Single Pole PL1A GFI/EPD Breaker Handle - Left Hand
X2PB1-HGR1	22449-5	Single Pole PL1A GFI/EPD Breaker Handle - Right Hand
X2PB1-HGL2	22449-6	Two Pole PL1A GFI/EPD Breaker Handle - Left Hand
X2PB1-HGR2	22449-7	Two Pole PL1A GFI/EPD Breaker Handle - Right Hand
X2PB-MB	22449-9	PL1A/PL2A Vertical Main Breaker Assembly
XPPH-N4	15562-7	Branch Space Plug (3/8" NPSM)
XPPH4-N4	18023	Main Breaker Plug (1" NPSM)

BRANCH BREAKERS	
PRL1A	PRL2A
BAB	
QBGF	GHB
QBGFEP	

NOTES:
The catalog numbers on this page are for the basic pre-drilled panelboard enclosure, as illustrated, with interior chassis, main breaker, and main breaker handle. Branch breaker holes are plugged.

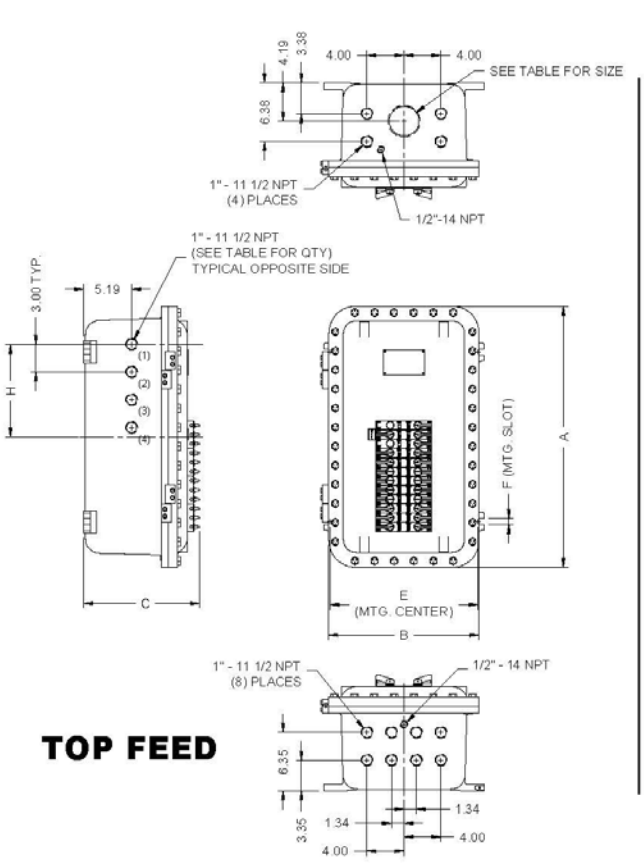
Internal branch breakers and external branch breaker handles are NOT included in the basic enclosure catalog number and must be ordered as separate items.

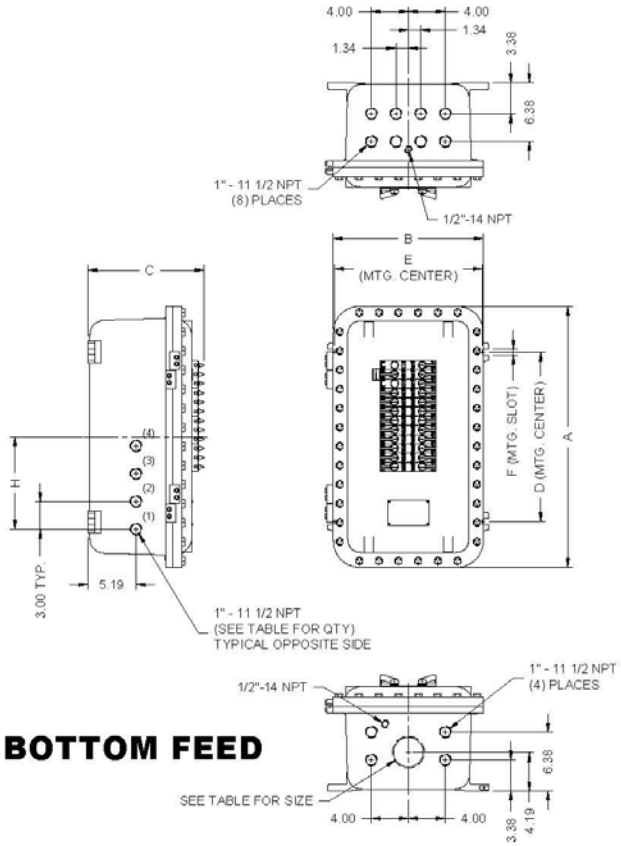
LIGHTING PANELS					
		EATON CUTLER HAMMER POW-R-LINE C PANELBOARDS			
Catalog Number	# Branch Breakers	Electrical Rating	Main Breaker Type	Bus Amp	Chassis Type
X1PB1-121-B1_	10	1Ø-3W 120/240V	BAB2100	100	PRL1A
X1PB1-181-B1_	16	1Ø-3W 120/240V	BAB2100	100	PRL1A
X1PB1-241-B2_	22	1Ø-3W 120/240V	BAB2100	100	PRL1A
X1PB1-123-B1_	9	3Ø-4W 120/208V	BAB3100H	100	PRL1A
X1PB1-183-B1_	15	3Ø-4W 120/208V	BAB3100H	100	PRL1A
X1PB1-243-B2_	21	3Ø-4W 120/208V	BAB3100H	100	PRL1A
X2PB2-123-B1_	9	3Ø-4W 277/480V	GHB3100	100	PRL1A
X2PB1-183-B1_	15	3Ø-4W 277/480V	GHB3100	100	PRL1A
X1PB2-243-B2_	21	3Ø-4W 277/480V	GHB3100	100	PRL1A

NOTES:
"_" Complete catalog number by adding:
T = Top Feed
B = Bottom Feed
-NC = Blank Box (No Conduit Entries)

BACK FEED MAIN BREAKER PANELBOARDS LESS CHASSIS AND CONDUIT INCLUDES MAIN BREAKER HANDLE - BRANCH BREAKER HOLES PLUGGED			
Catalog #	# Of Branch Breakers	For use with Eaton Chassis Type	With CU BUSS AMPS
X1PB1-12-B1_-NCC	12-CIR	PL1A	100A
X1PB1-18-B1_-NCC	18-CIR	PL1A	100A
X1PB1-24-B1_-NCC	24-CIR	PL1A	100A
X1PB2-12-B1_-NCC	12-CIR	PL2A	100A
X1PB2-18-B1_-NCC	18-CIR	PL2A	100A
X1PB2-24-B1_-NCC	24-CIR	PL2A	100A

NOTES:
"_" Complete catalog number by adding:
"T" = Top Feed
"B"= Bottom Feed





DIMENSIONAL OUTLINE										
Catalog #	A	B	C	D	E	F	Main Conduit Feed Size	H	Left & Right Side Hole Location and Qtys	XP Enclosure
X1PB1-121-B1_	22.25	16.25	12.03	14.13	15.75	0.5	2"	7	1 thru 3	XCEX 121808 N4
X1PB1-181-B1_	28.25	16.25	12.54	18.38	15.75	0.63	2.5"	10	1 thru 4	XCEX 122408 N4
X1PB1-241-B1_	28.25	16.25	12.54	18.38	15.75	0.63	2.5"	16	1 thru 4	XCEX 122408 N4
X1PB1-123-B1_	22.25	16.25	12.03	14.13	15.75	0.5	2"	16	1 thru 3	XCEX 121808 N4
X1PB1-183-B1_	28.25	16.25	12.54	18.38	15.75	0.63	2.5"	16	1 thru 4	XCEX 122408 N4
X1PB1-243-B1_	28.25	16.25	12.54	18.38	15.75	0.63	2.5"	16	1 thru 4	XCEX 122408 N4
X1PB2-123-B1_	22.25	16.25	12.03	14.13	15.75	0.5	2"	7	1 thru 3	XCEX 121808 N4
X1PB2-183-B1_	28.25	16.25	12.54	18.38	15.75	0.63	2.5"	10	1 thru 4	XCEX 122408 N4
X1PB2-243-B1_	28.25	16.25	12.54	18.38	15.75	.63 4	2.5"	16	1 thru 4	XCEX 122408 N

EXPLOSIONPROOF PANELBOARDS - POWER PANEL MAIN LUG ONLY

BRANCH CIRCUIT OPERATING HANDLES & PLUGS		
Catalog #	Part Number	Description
X2PB3-H	22449-10	Branch Breaker Handle
XPPH4-N4	18023	Branch Breaker Plug (1" NPSM)

BRANCH BREAKERS	
Volts	Type
600	PDG23F_TFFL

NOTES:
The catalog numbers on this page are for the basic pre-drilled panelboard enclosure, as illustrated, with an interior main lug only chassis and exterior branch breaker handles.

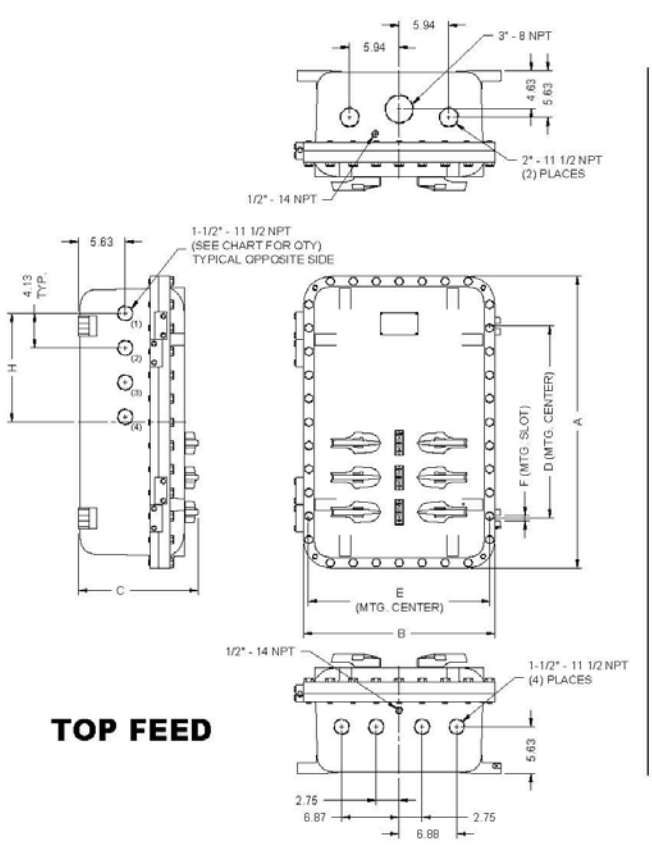
Internal branch breakers are NOT included in the basic enclosure catalog number and must be ordered as separate items.

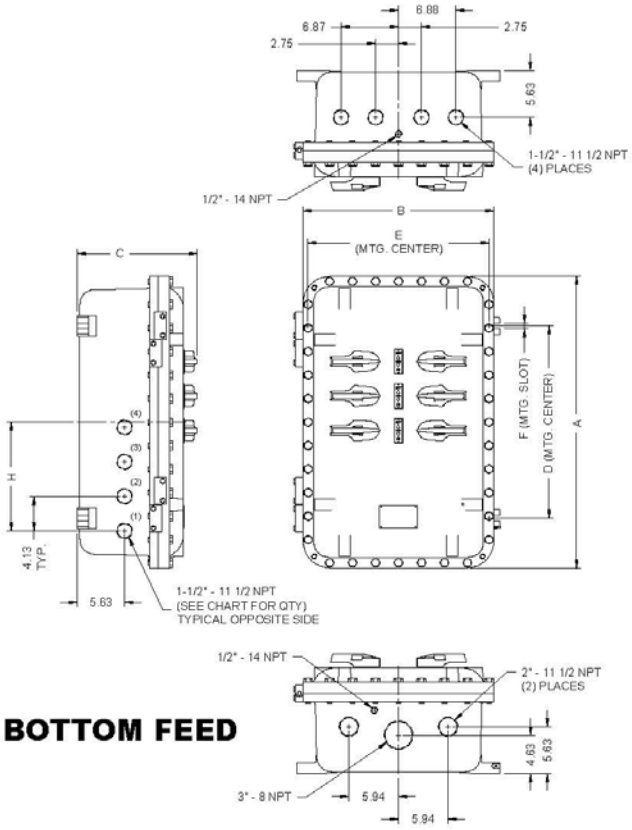
BACK FEED MAIN BREAKER PANELBOARDS LESS CHASSIS AND CONDUIT INCLUDES MAIN BREAKER HANDLE - BRANCH BREAKER HOLES PLUGGED			
Catalog #	# Of Branch Breakers	For use with Eaton Chassis Type	With CU BUSS AMPS
X1PB3-6-L2_-NCC	6-BRKRS	PL3A	225A
X1PB3-8-L2_-NCC	8-BRKRS	PL3A	225A
X1PB3-10-L2_-NCC	10-BRKRS	PL3A	225S

NOTES:
"_" Complete catalog number by adding:
"T" = Top Feed
"B"= Bottom Feed

POWER PANELS				
		EATON CUTLER HAMMER POW-R-LINE C PANELBOARDS		
Catalog Number	# 3-POLE Branch Breakers	Electrical Rating	Bus Amp	Chassis Type
X1PB3-636-L2_	6	3Ø-3W 600V	225	PRL3A
X1PB3-836-L2_	8	3Ø-3W 600V	225	PRL3A
X1PB3-1036-L2_	10	3Ø-3W 600V	225	PRL3A
X1PB3-646-L2_	6	3Ø-4W 600V	225	PRL3A
X1PB3-846-L2_	8	3Ø-4W 600V	225	PRL3A

NOTES:
"_" Complete catalog number by adding:
T = Top Feed
B = Bottom Feed
-NC = Blank Box (No Conduit Entries)





DIMENSIONAL OUTLINE									
Catalog #	A	B	C	D	E	F	H	Left & Right Side Hole Location and Qtys	XP Enclosure
X1PB3-6_	34.88	22.88	14.35	23.00	15.75	.69	13.00	1 thru 3	XCEX 183008 N4
X1PB3-8_	34.88	22.88	14.35	23.00	15.75	.69	13.00	1 thru 3	XCEX 183008 N4
183608 N4	40.88	22.88	14.54	29.00	21.75	.69	16.00	1 thru 4	XCEX 183608 N4

X2PB: FACTORY SEALED / DIVISION 2 PANELBOARDS

Certifications

Class I, Div. 2, Groups B, C, and D
Class II, Div. 2, Groups F and G
Class III
Class I, Zone 1, AEx d IIB / Exd IIB
UL1203/CSA C22.2 No. 25 & 30
UL50
NEMA Type 4X, 7, and 9 / IP66

PRODUCT INFORMATION

Features

- Cast aluminum breaker enclosure and stainless steel terminal enclosure
- Factory installed breakers are wired and sealed from the factory
- Terminal assembly wired to circuit breakers
- Spring-loaded through the door circuit breaker handles for 1P, 2P, and 3P breakers
- Padlock provision for breaker handles
- Copper bus bars
- Aluminum hinge with stainless steel hardware
- Pre-drilled for Eaton PRL1A / PRL2A / PRL3A panelboard chassis
- Circuit directory card on front cover
- One-piece, NEMA 4 water-tight gasket
- Premium, high-strength stainless steel quick thread cover bolts
- Internal grounding provisions
- Cast-on mounting feet
- Tumblast surface preparation for uniform, natural, aluminum finish
- Installation and wiring of internal terminal blocks and control components
- Captive cover bolts
- Quad-lead cover bolts

Material

- Enclosures cast from proprietary 359 aluminum alloy
- Standard stainless steel cover bolts are 316L
- Hinge blocks are 359 aluminum, pins and hardware are 303 stainless steel

Design Options

- Aluminum hinge kits (with stainless steel hardware)
- Non-removable hinges
- Customer specified drilling and tapping
- Multiple coating options for additional corrosion resistance

X2PB1 SERIES

Features

• Eaton Pow-R-Line C™ 1a Panelboard
• 12, 24, 30, 36 & 42 Circuit Main Lug Only
• 18 & 24 Circuit Back Fed Main Breaker(100A max)
• 12, 24, 36 & 42 Circuit Vertical Main Breaker
• Top or Bottom Fed
• 1-Phase 3-Wire 120/240 Volt, 3-Phase 4-Wire 120/208 Volt
• 100 or 225 Amp Copper Bus
• Pre-wired for (2) or (3) 100 Amp branch spaces & the balance for up to 50 Amp branch spaces

X2PB2 SERIES

Features

• Eaton Pow-R-Line C™ 2a Panelboard
• 12, 24, 30, 36 & 42 Circuit Main Lug Only
• 18 & 24 Circuit Back Fed Main Breaker (100A max)
• 12, 24, 36 & 42 Circuit Vertical Main Breaker
• Top or Bottom Fed
• 3-Phase 4-Wire 277/480 Volt
• 100 or 225 Amp Copper Bus
• Pre-wired for (2) or (3) 100 Amp branch spaces & the balance for up to 50 Amp branch spaces

X2PB3 SERIES

Features

• Eaton Pow-R-Line C™ 3a Panelboard
• 12, 18, 24 & 30 Circuit Main Lug Only (3-Pole Breakers Only).
• Top or Bottom Fed
• 3-Phase 3-Wire 600 Volt, 3-Phase 4-Wire 600 Volt

Options & Accessories

BRANCH CIRCUIT OPERATING HANDLES & PLUGS	
Catalog #	**Description**
X2PB1-H1	Single Pole PL1A Breaker Handle
X2PB1-H2	Two Pole PL1A Breaker Handle
X2PB1-H3	Three Pole PL1A Breaker Handle
X2PB1-H	PL2A Breaker Handle (ALL POLES)
X2PB1-HGL1	Single Pole PL1A GFI/EPD Breaker Handle - Left Hand
X2PB1-HGR1	Single Pole PL1A GFI/EPD Breaker Handle - Right Hand
X2PB1-HGL2	Two Pole PL1A GFI/EPD Breaker Handle - Left Hand
X2PB1-HGR2	Two Pole PL1A GFI/EPD Breaker Handle - Right Hand
X2PB-MB	PL1A/PL2A Vertical Main Breaker Assembly
X2P3-H	PL3A Circuit Breaker Handle
15562-7	PL1A/PL2A Branch Space Hole Plug
18023	PL3A Branch Space Hole Plug

BRANCH CIRCUIT BREAKERS, GFI & EPD	
Catalog #	**Description**
X2PB1-1*	1 Pole, 120/240 Volt, Branch Breaker (10-70, 100 Amp.)
X2PB1-2*	2 Pole, 120/240 Volt, Branch Breaker (10-125 Amp.)
X2PB1-3*	3 Pole, 240 Volt, Branch Breaker (10-100 Amp.)
X2PB2-1*	1 Pole, 277/480 Volt, Branch Breaker (15-100 Amp.)
X2PB2-2*	2 Pole, 277/480 Volt, Branch Breaker (15-100 Amp.)
X2PB2-3*	3 Pole, 277/480 Volt, Branch Breaker (15-100 Amp.)
XBP1-1GFCI*	1 Pole, 120 Volt, 5mA, Ground Fault Circuit Breaker (15-40 Amp.)
XBP1-2GFCI*	2 Pole, 120/240 Volt, 5mA, Ground Fault Circuit Breaker (15-40 Amp.)
XBP1-1GFEPD*	1 Pole, 120 Volt, 30mA, Ground Fault Equipment Protector (15-40 Amp.)
XBP1-1GFEPD*	2 Pole, 120/240 Volt, 30mA, Ground Equipment Protector (15-40 Amp.)
XPB3-43*	3 Pole, 480 Volt, Branch Breaker (10-100 Amp.)
XPB3-63*	3 Pole, 600 Volt, Branch Breaker (10-100 Amp.)

***Add the Ampere Rating of the Branch Breaker When Ordering**

How to Order

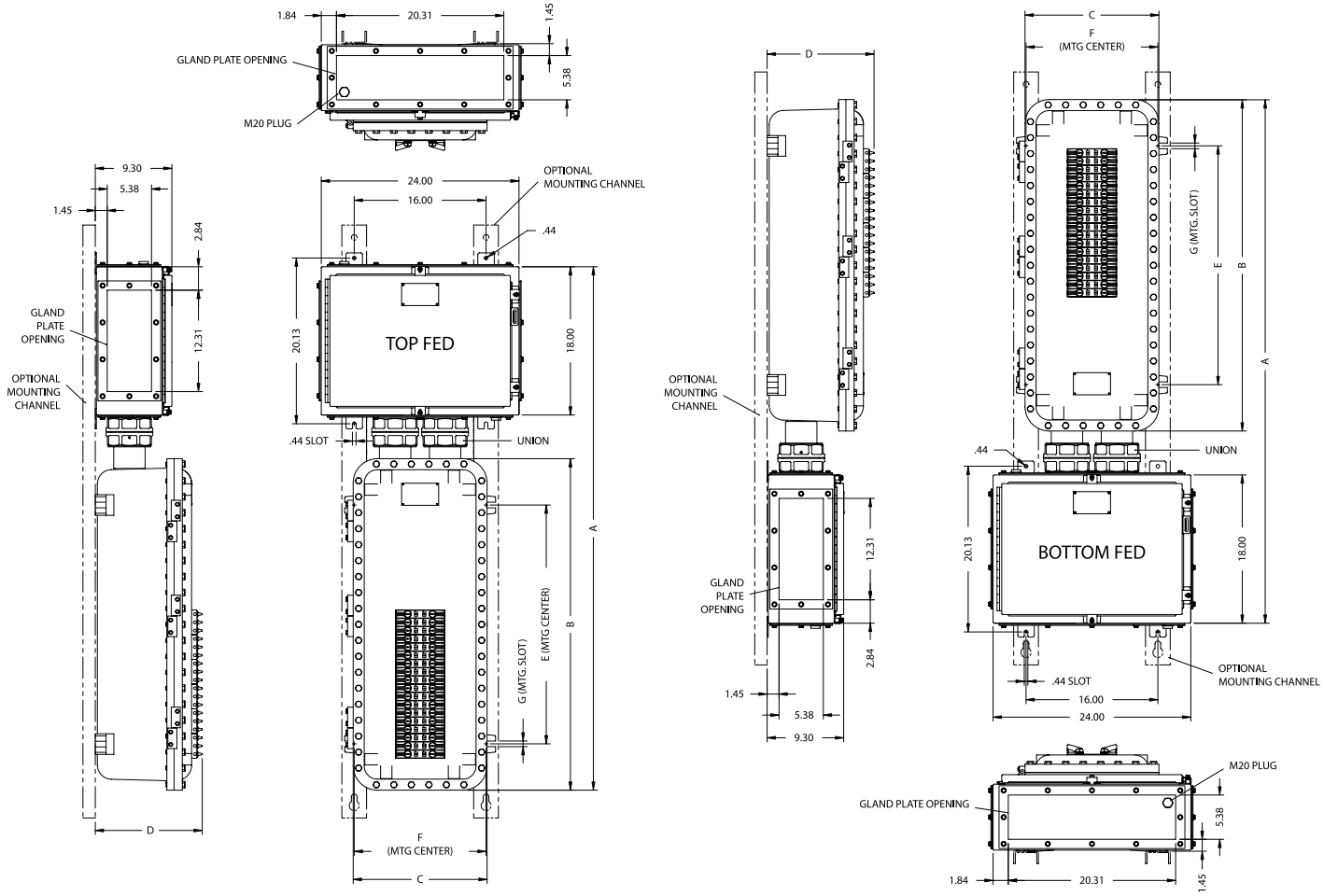
1. Specify catalog number.

2. Starting with Circuit #1 (Circuit #2 on back fed main breaker panelboards), specify circuit breaker type, number of poles, and ampacity.

3. Note:
• Handles will be provided for each breaker specified.
• Unused spaces will be plugged.
• For blank spaces requiring handles, specify handle catalog number and circuit number.

4. Specify Entries, if any are required
• Attach layout sheet.

FACTORY SEALED PANELBOARDS
LIGHTING PANEL MAIN LUG ONLY



Certifications

Panelboard Enclosure:

Class I, Div. 2, Groups B, C, D
Class II, Div. 2, Groups F & G
Class III
Class I, Zone 1, AE x d IIB
Ex d IIB
Type 4X & 13
IP66

Certifications

Terminal Enclosure:

Class I, Div. 2, Groups A, B, C, D
Class II, Div. 2, Groups F & G
Class I, Zone 1, AE x e II T6
Class I, Zone 1, AE x e II T5 Tamb +55ºC
Ex e II T6
Ex e II T6 Tamb +55ºC
Type 4X, 12 & 13
IP66

DIMENSIONAL OUTLINE							
Catalog #	A	B	C	D	E	F	G
X2PB1-121-L1_	45.58	22.25	16.25	12.03	14.13	15.75	0.5
X2PB1-241-L1_	51.49	28.25	16.25	12.03	14.13	15.75	0.63
X2PB1-241-L2_	63.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB1-301-L2_	63.66	40.24	16.25	13.38	29.00	15.75	0.68
X2PB1-361-L2_	63.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB1-421-L2_	63.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB1-123-L1_	45.48	22.25	16.25	12.03	14.13	15.75	0.50
X2PB1-243-L1_	51.49	40.25	16.25	13.38	29.00	15.75	0.68
X2PB1-243-L2_	63.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB1-303-L2_	63.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB1-363-L2_	63.66	40.25	15.25	13.38	29.00	15.75	0.68
X2PB1-423-L2_	63.66	50.25	16.25	13.38	39.00	15.75	0.68
X2PB2-123-L1_	45.48	22.25	16.25	12.03	14.13	15.75	0.50
X2PB2-243-L1_	51.49	28.25	16.25	12.54	18.38	15.75	0.63
X2PB2-243-L2_	63.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB2-303-L2_	63.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB2-363-L2_	63.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB2-423-L2_	63.66	40.25	16.25	13.38	29.00	15.75	0.68
GFI/EPD ENCLOSURES							
X2PB1-121G-L1	45.48	22.25	16.25	12.03	14.13	15.75	0.50
X2PB1-241G-L1	51.49	28.25	16.25	12.54	18.38	15.75	0.63
X2PB1-241G-L2	63.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB1-301G-L2	63.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB1-361G-L2	63.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB1-421G-L2	63.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB1-123G-L1	45.58	22.25	16.25	12.03	14.13	15.75	0.50
X2PB1-243G-L1	51.49	28.25	16.25	12.54	18.38	15.75	0.63
X2PB1-243G-L2	63.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB2-303G-L2	63.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB1-363G-L2	63.66	40.25	16.25	13.38	29.00	15.75	0.68

NOTES:

1. For Bottom Fed Model add suffix -B
2. For Top Fed Model add suffix -T
3. 10kA Maximum Interrupting Capacity (Sym.)
4. For Cast Aluminum Terminal Enclosure availability - consult factory.

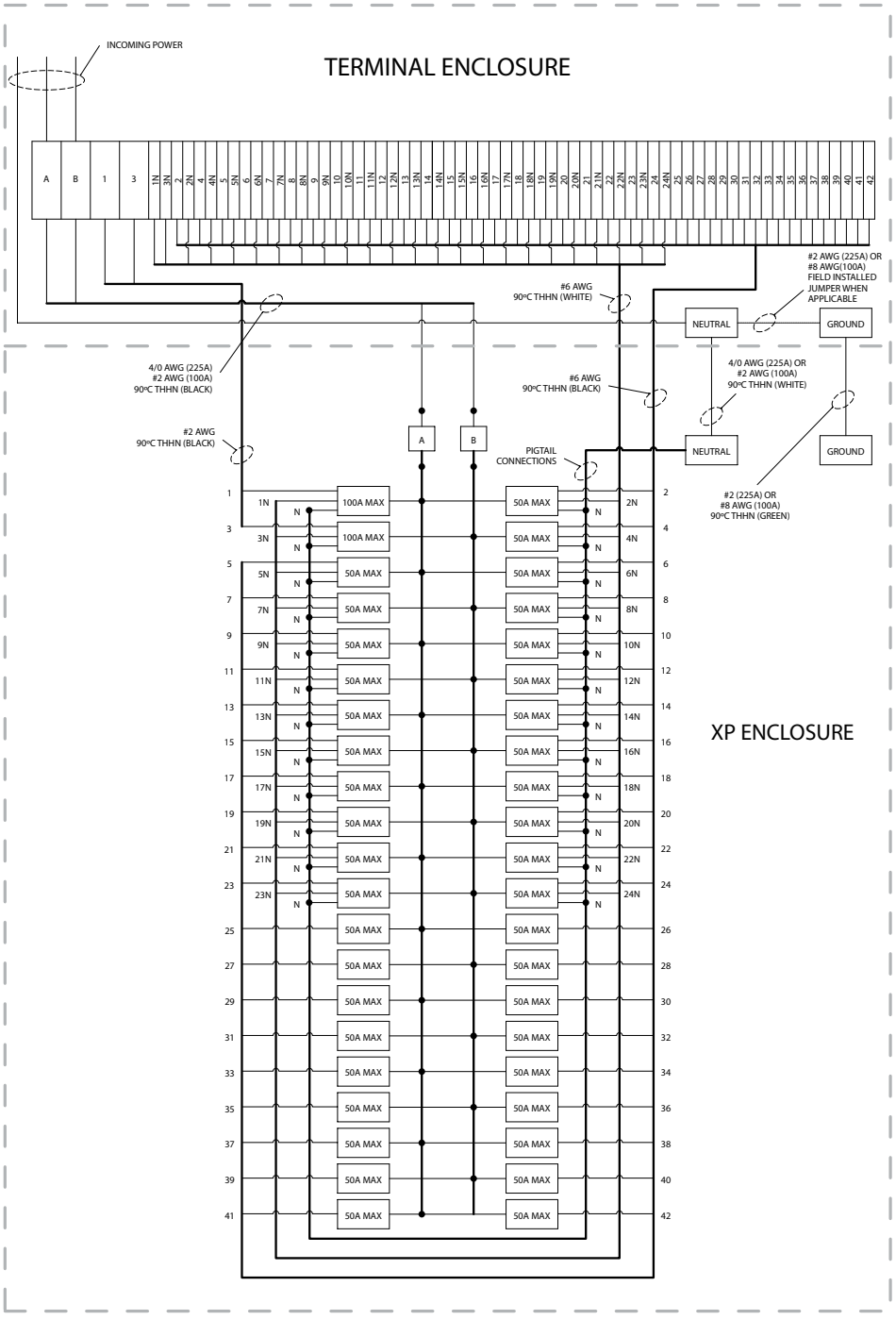
LIGHTING PANELS				
		EATON CUTLER HAMMER POW-R-LINE C PANELBOARDS		
Catalog Number	# Branch Breakers	Electrical Rating	Bus Amp	Chassis Type
X2PB1-121-L1_	12	1Ø-3W 120/240V	100	PRL1A
X2PB1-241-L1_	24	1Ø-3W 120/240V	100	PRL1A
X2PB1-241-L2_	24	1Ø-3W 120/240V	225	PRL1A
X2PB1-301-L2_	30	1Ø-3W 120/240V	225	PRL1A
X2PB1-361-L2_	36	1Ø-3W 120/240V	225	PRL1A
X2PB1-421-L2_	42	1Ø-3W 120/240V	225	PRL1A
X2PB1-123-L1_	12	3Ø-4W 120/208V	100	PRL1A
X2PB1-243-L1_	24	3Ø-4W 120/208V	100	PRL1A
X2PB1-243-L2_	24	3Ø-4W 120/208V	225	PRL1A
X2PB1-303-L2_	30	3Ø-4W 120/208V	225	PRL1A
X2PB1-363-L2_	36	3Ø-4W 120/208V	225	PRL1A
X2PB1-423-L2_	42	3Ø-4W 120/208V	225	PRL1A
X2PB2-123-L1_	12	3Ø-4W 277/480V	100	PRL2A
X2PB2-243-L1_	24	3Ø-4W 277/480V	100	PRL2A
X2PB2-243-L2_	24	3Ø-4W 277/480V	225	PRL2A
X2PB2-303-L2_	30	3Ø-4W 277/480V	225	PRL2A
X2PB2-363-L2_	36	3Ø-4W 277/480V	225	PRL2A
X2PB2-423-L2_	42	3Ø-4W 277/480V	225	PRL2A

LIGHTING PANELS-W/GFI/EPD BRANCH CIRCUIT PROTECTORS					
			EATON CUTLER HAMMER POW-R-LINE C PANELBOARDS		
Catalog Number	# Branch Breakers	Max.GFI/ EPD Brkrs	Electrical Rating	Bus Amp	Chassis Type
X2PB1-121G-L1_	12	12	1Ø-3W 120/240V	100	PRL1A
X2PB1-241G-L1_	24	24	1Ø-3W 120/240V	100	PRL1A
X2PB1-241G-L2_	24	24	1Ø-3W 120/240V	225	PRL1A
X2PB1-301G-L2_	30	19	1Ø-3W 120/240V	225	PRL1A
X2PB1-361G-L2_	36	13	1Ø-3W 120/240V	225	PRL1A
X2PB1-421G-L2_	42	7	1Ø-3W 120/240V	225	PRL1A
X2PB1-123G-L1_	12	12	3Ø-4W 120/208V	100	PRL1A
X2PB1-243G-L1_	24	24	3Ø-4W 120/208V	100	PRL1A
X2PB1-243G-L2_	24	18	3Ø-4W 120/208V	225	PRL1A
X2PB1-303G-L2_	30	12	3Ø-4W 120/208V	225	PRL1A
X2PB1-363G-L2_	36	6	3Ø-4W 120/208V	225	PRL1A

BRANCH BREAKERS	
PRL1A	PRL2A
BAB	
QBGF	GHB
QBGFEP	

FACTORY SEALED PANELBOARDS
LIGHTING PANEL MAIN LUG ONLY

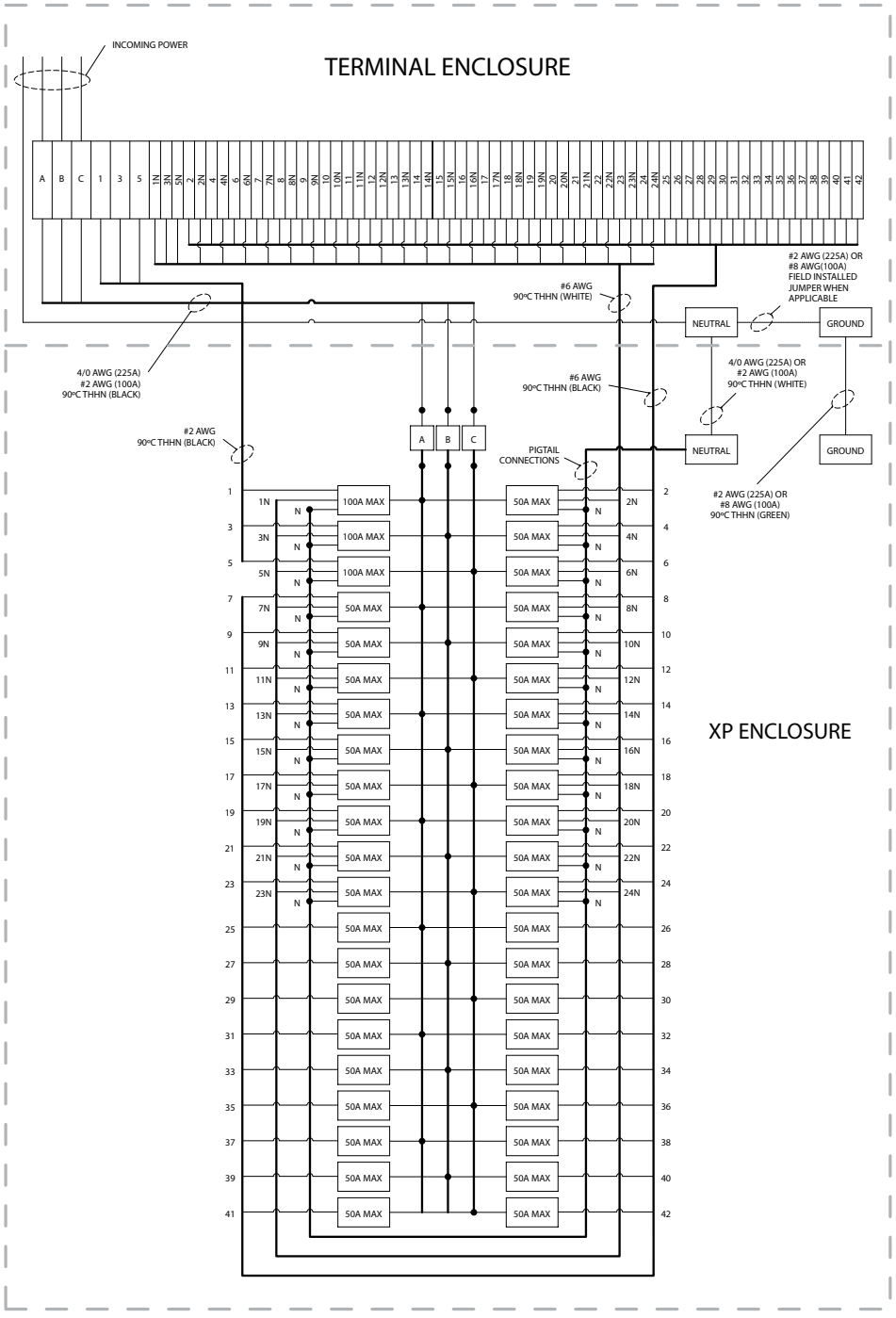
WIRING DIAGRAM



1 PHASE - 3 WIRE

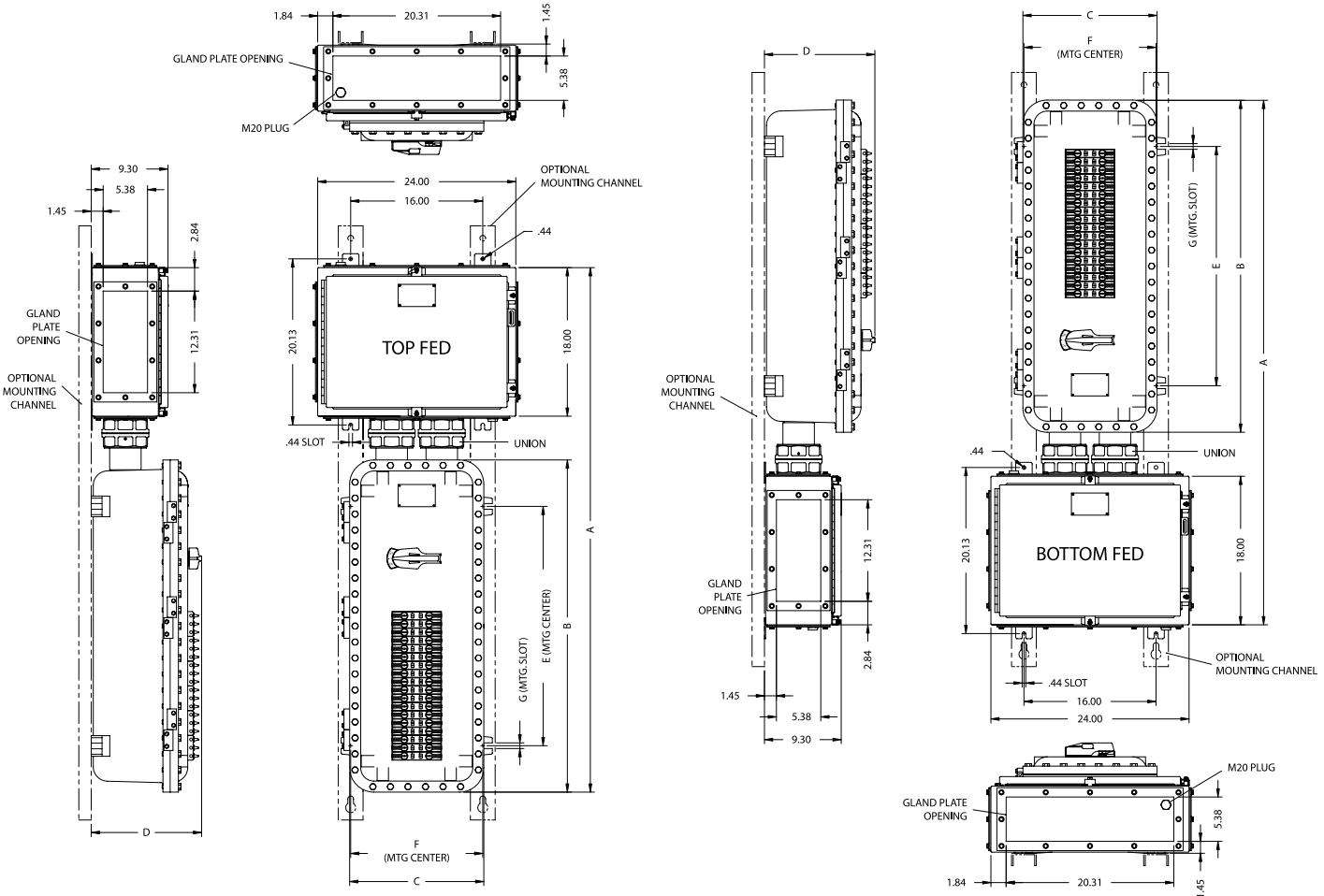
FACTORY SEALED PANELBOARDS
LIGHTING PANEL MAIN LUG ONLY

WIRING DIAGRAM



3 PHASE - 4 WIRE

FACTORY SEALED PANELBOARDS
VERTICAL MAIN BREAKER



Certifications
Panelboard Enclosure:

Class I, Div. 2, Groups B, C, D
Class II, Div. 2, Groups F & G
Class III
Class I, Zone 1, AE x d IIB
Ex d IIB
Type 4X & 13
IP66

Certifications
Terminal Enclosure:

Class I, Div. 2, Groups A, B, C, D
Class II, Div. 2, Groups F & G
Class I, Zone 1, AE x e II T6
Class I, Zone 1, AE x e II T5 Tamb +55ºC
Ex e II T6
Ex e II T6 Tamb +55ºC
Type 4X, 12 & 13
IP66

DIMENSIONAL OUTLINE							
Catalog #	A	B	C	D	E	F	G
X2PB1-121-M1_	51.49	28.25	16.25	12.94	18.38	15.75	0.63
X2PB1-241-M1_	63.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB1-241-M2_	63.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB1-361-M2_	73.66	40.24	16.25	13.38	29.00	15.75	0.68
X2PB1-421-M2_	73.66	50.25	16.25	12.94	39.00	15.75	0.68
X2PB1-123-M1_	51.49	28.25	16.25	13.38	18.38	15.75	0.63
X2PB1-243-M1_	63.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB1-243-M2_	63.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB1-363-M2_	73.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB1-423-M2_	73.66	50.25	16.25	13.38	39.00	15.75	0.68
X2PB1-123-M1_	51.49	28.25	16.25	12.94	18.38	15.75	0.63
X2PB1-243-M1_	63.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB2-243-M2_	63.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB2-363-M2_	73.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB2-423-M2_	73.66	50.25	16.25	13.38	39.00	15.75	0.68
GFI/EPD ENCLOSURES							
X2PB1-121G-M1	51.49	28.25	16.25	12.94	18.38	15.75	0.63
X2PB1-241G-M1	63.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB1-241G-M2	63.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB1-361G-M2	73.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB1-421G-M2	73.66	50.25	16.25	13.38	39.00	15.75	0.68
X2PB1-123G-M1	51.49	28.25	16.25	12.94	18.38	15.75	0.63
X2PB1-243G-M1	63.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB1-243G-M2	63.66	40.25	16.25	13.38	29.00	15.75	0.68
X2PB1-363G-M2	73.66	40.25	16.25	13.38	29.00	15.75	0.60

NOTES:

1. For Bottom Fed Model add suffix -B
2. For Top Fed Model add suffix -T
3. 10kA Maximum Interrupting Capacity (Sym.)
4. For Cast Aluminum Terminal Enclosure availability - consult factory.

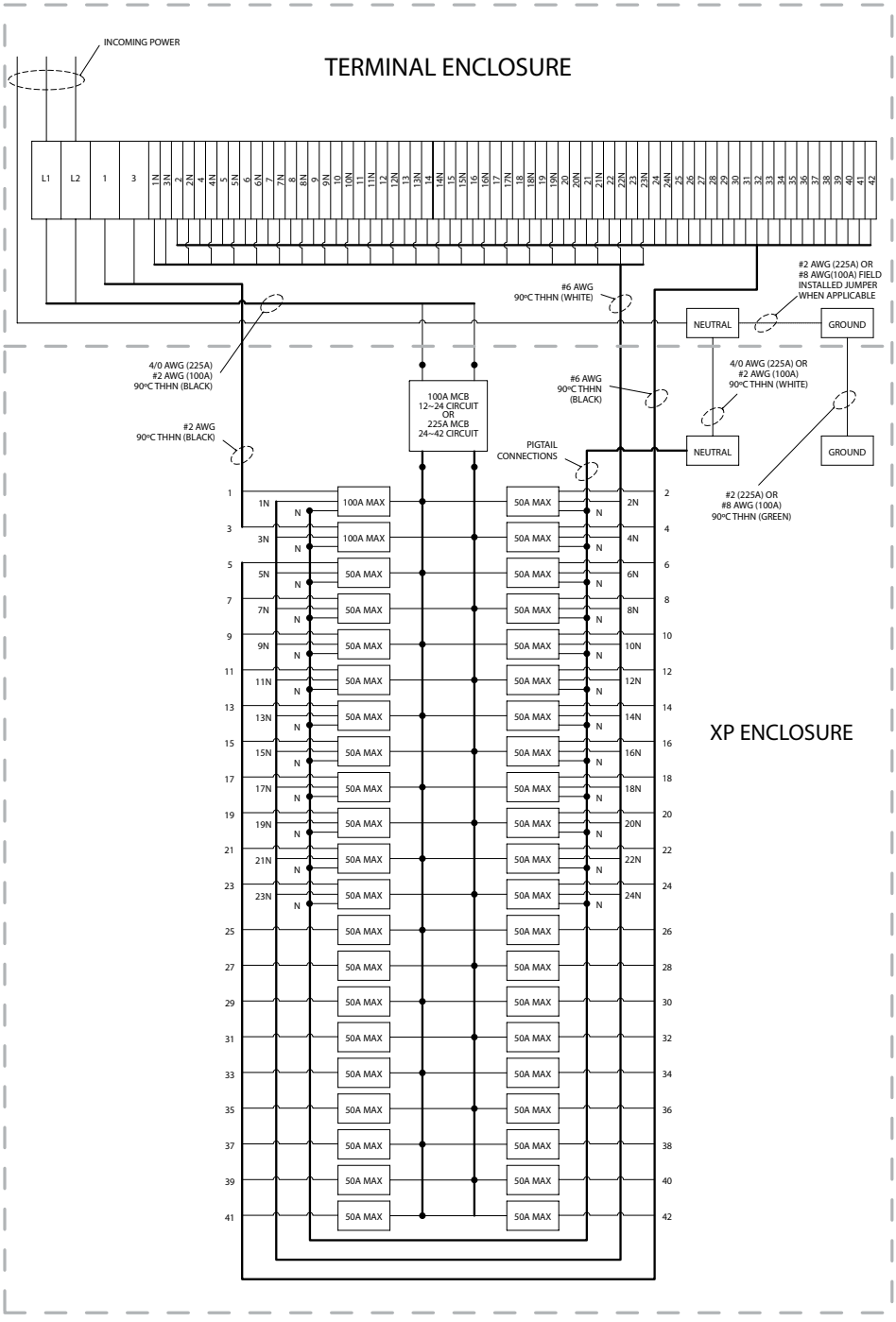
LIGHTING PANELS					
		EATON CUTLER HAMMER POW-R-LINE C PANELBOARDS			
Catalog Number	# Branch Breakers	Electrical Rating	Main Breaker Type	Bus Amp	Chassis Type
X2PB1-121-M1_	12	1Ø-3W 120/240V	EHD2100	100	PRL1A
X2PB1-241-M1_	24	1Ø-3W 120/240V	EHD2100	100	PRL1A
X2PB1-241-M2_	24	1Ø-3W 120/240V	FD2225	225	PRL1A
X2PB1-361-M2_	36	1Ø-3W 120/240V	FD2225	225	PRL1A
X2PB1-421-M2_	42	1Ø-3W 120/240V	FD2225	225	PRL1A
X2PB1-123-M2_	12	1Ø-4W 120/208V	EHD2100	100	PRL1A
X2PB1-243-M1_	24	3Ø-4W 120/208V	EHD2100	100	PRL1A
X2PB1-243-M2_	24	3Ø-4W 120/208V	FD2225	225	PRL1A
X2PB1-363-M2_	36	3Ø-4W 120/208V	FD2225	225	PRL1A
X2PB1-423-M2_	42	3Ø-4W 120/208V	FD2225	225	PRL1A
X2PB2-123-M1_	12	3Ø-4W 277/480V	EHD3100	100	PRL2A
X2PB2-243-M1_	24	3Ø-4W 277/208V	EHD3100	100	PRL2A
X2PB2-243-M2_	24	3Ø-4W 277/480V	FD3225	225	PRL2A
X2PB2-363-M2_	36	3Ø-4W 277/480V	FD3225	225	PRL2A
X2PB2-423-M2_	42	3Ø-4W 277/480V	FD3225	225	PRL2A

LIGHTING PANELS-W/GFI/EPD BRANCH CIRCUIT PROTECTORS						
			EATON CUTLER HAMMER POW-R-LINE C PANELBOARDS			
Catalog Number	# Branch Breakers	Max.GFI/ EPD Brkrs	Electrical Rating	Main Breaker Type	Bus Amp	Chassis Type
X2PB1-121G-M1_	12	12	1Ø-3W 120/240V	EHD2100	100	PRL1A
X2PB1-241G-M1_	24	24	1Ø-3W 120/240V	EHD2100	100	PRL1A
X2PB1-241G-M2_	24	24	1Ø-3W 120/240V	FD2225	225	PRL1A
X2PB1-361G-M2_	36	13	1Ø-3W 120/240V	FD2225	225	PRL1A
X2PB1-421G-M2_	42	7	1Ø-3W 120/240V	FD2225	225	PRL1A
X2PB1-123G-M1_	12	12	1Ø-4W 120/208V	EHD3100	100	PRL1A
X2PB1-243G-M1_	24	24	3Ø-4W 120/208V	EHD3100	100	PRL1A
X2PB1-243G-M2_	24	18	3Ø-4W 120/208V	FD3225	225	PRL1A
X2PB1-363G-L2_	36	6	3Ø-4W 120/208V	FD3225	225	PRL1A

BRANCH BREAKERS	
PRL1A	PRL2A
BAB	
QBGF	GHB
QBGFEP	

FACTORY SEALED PANELBOARDS
VERTICAL MAIN BREAKER

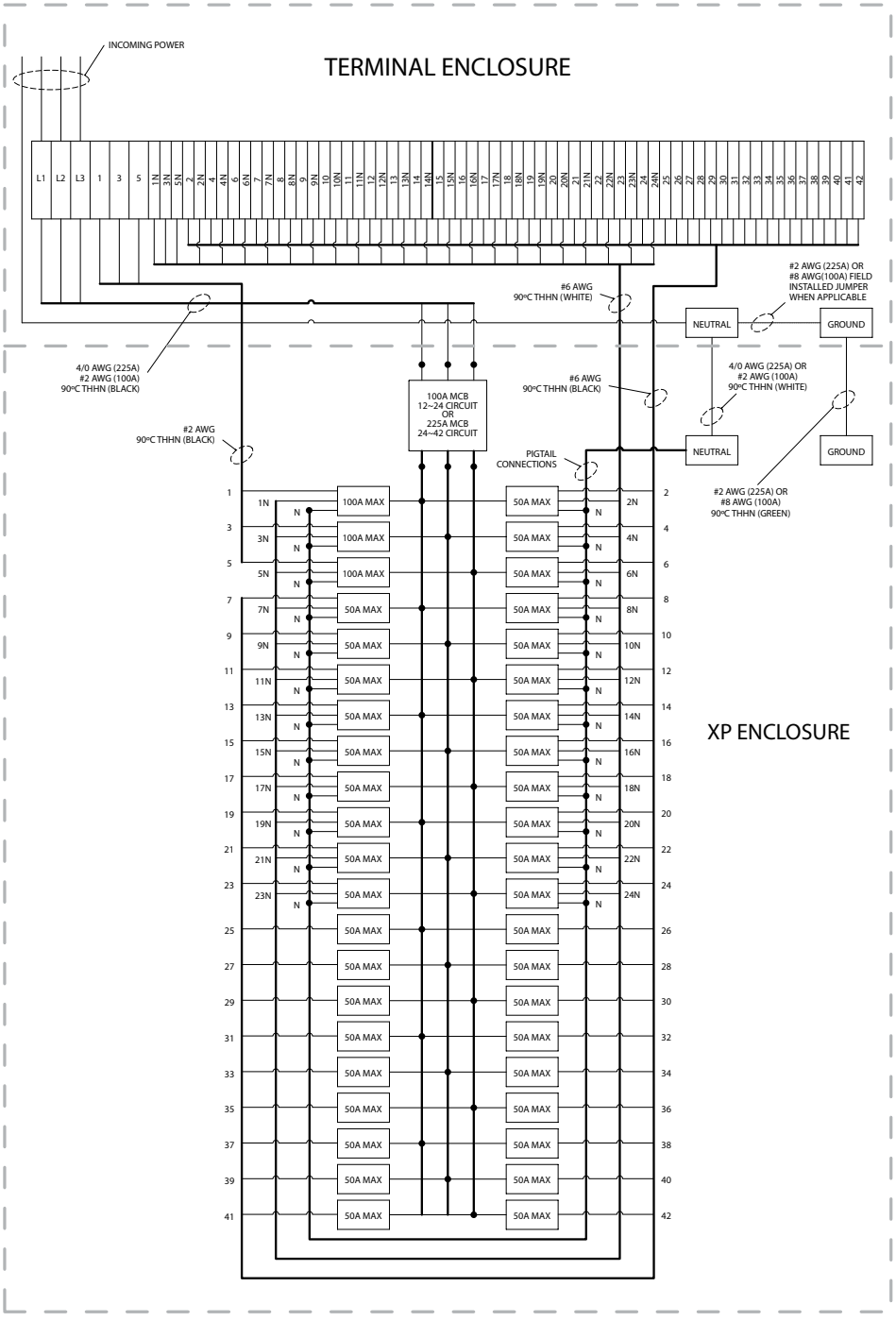
WIRING DIAGRAM



1 PHASE - 3 WIRE

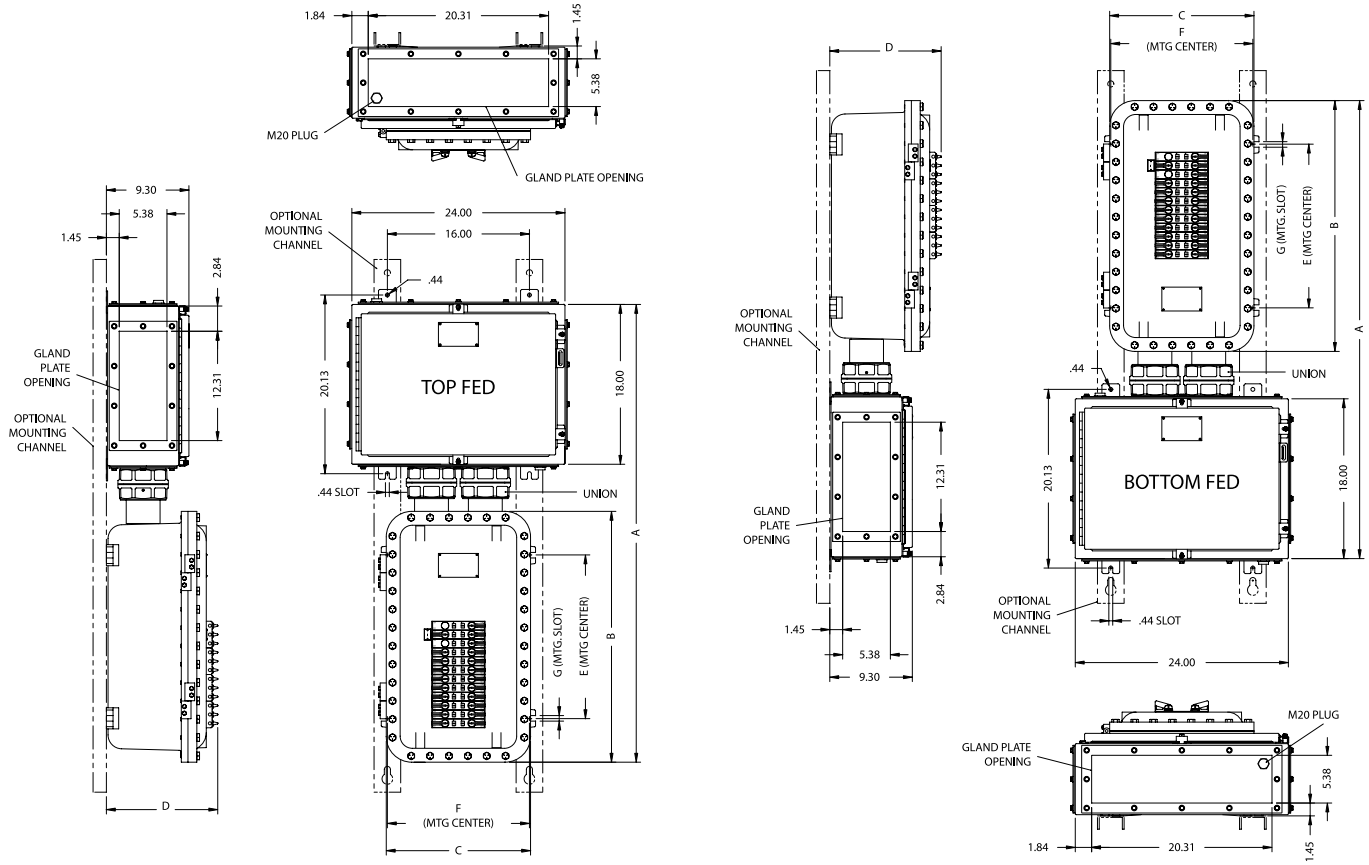
FACTORY SEALED PANELBOARDS
VERTICAL MAIN BREAKER

WIRING DIAGRAM



3 PHASE - 4 WIRE

FACTORY SEALED PANELBOARDS
BACK FED MAIN BREAKER



Certifications
Panelboard Enclosure:

Class I, Div. 2, Groups B, C, D
Class II, Div. 2, Groups F & G
Class III
Class I, Zone 1, AE x d IIB
Ex d IIB
Type 4X & 13
IP66

Certifications
Terminal Enclosure:

Class I, Div. 2, Groups A, B, C, D
Class II, Div. 2, Groups F & G
Class I, Zone 1, AE x e II T6
Class I, Zone 1, AE x e II T5 Tamb +55ºC
Ex e II T6
Ex e II T6 Tamb +55ºC
Type 4X, 12 & 13
IP66

GFI/EPD ENCLOSURES

DIMENSIONAL OUTLINE							
Catalog #	A	B	C	D	E	F	G
X2PB1-121-B1_	45.48	22.25	16.25	12.03	14.13	15.75	0.50
X2PB1-181-B1_	51.49	28.25	16.25	12.54	18.38	15.75	0.63
X2PB1-241-B1_	51.49	28.25	16.25	12.54	18.38	15.75	0.63
X2PB1-123-B1_	45.48	22.25	16.25	12.03	14.13	15.75	0.50
X2PB1-183-B1_	51.49	28.25	16.25	12.54	18.38	15.75	0.63
X2PB1-243-B1_	51.49	28.25	16.25	12.54	18.38	15.75	0.63
X2PB1-123-B1_	45.48	22.25	16.25	12.03	14.13	15.75	0.50
X2PB1-183-B1_	51.49	28.25	16.25	12.54	18.38	15.75	0.63
X2PB1-243-B1_	51.49	28.25	16.25	12.54	18.38	15.75	0.63
X2PB1-121G-B1	45.48	22.25	16.25	12.03	14.13	15.75	0.50
X2PB1-181G-B1	51.49	28.25	16.25	12.54	18.38	15.75	0.63
X2PB1-241G-B1	51.49	28.25	16.25	12.54	18.38	15.75	0.63
X2PB1-123G-B1	45.48	22.25	16.25	12.03	14.13	15.75	0.50
X2PB1-183G-B1	51.49	28.25	16.25	12.54	18.38	15.75	0.63
X2PB1-243G-B1	51.49	28.25	16.25	12.54	18.38	15.75	0.63

NOTES:

1. For Bottom Fed Model add suffix -B
2. For Top Fed Model add suffix -T
3. 10kA Maximum Interrupting Capacity (Max.)

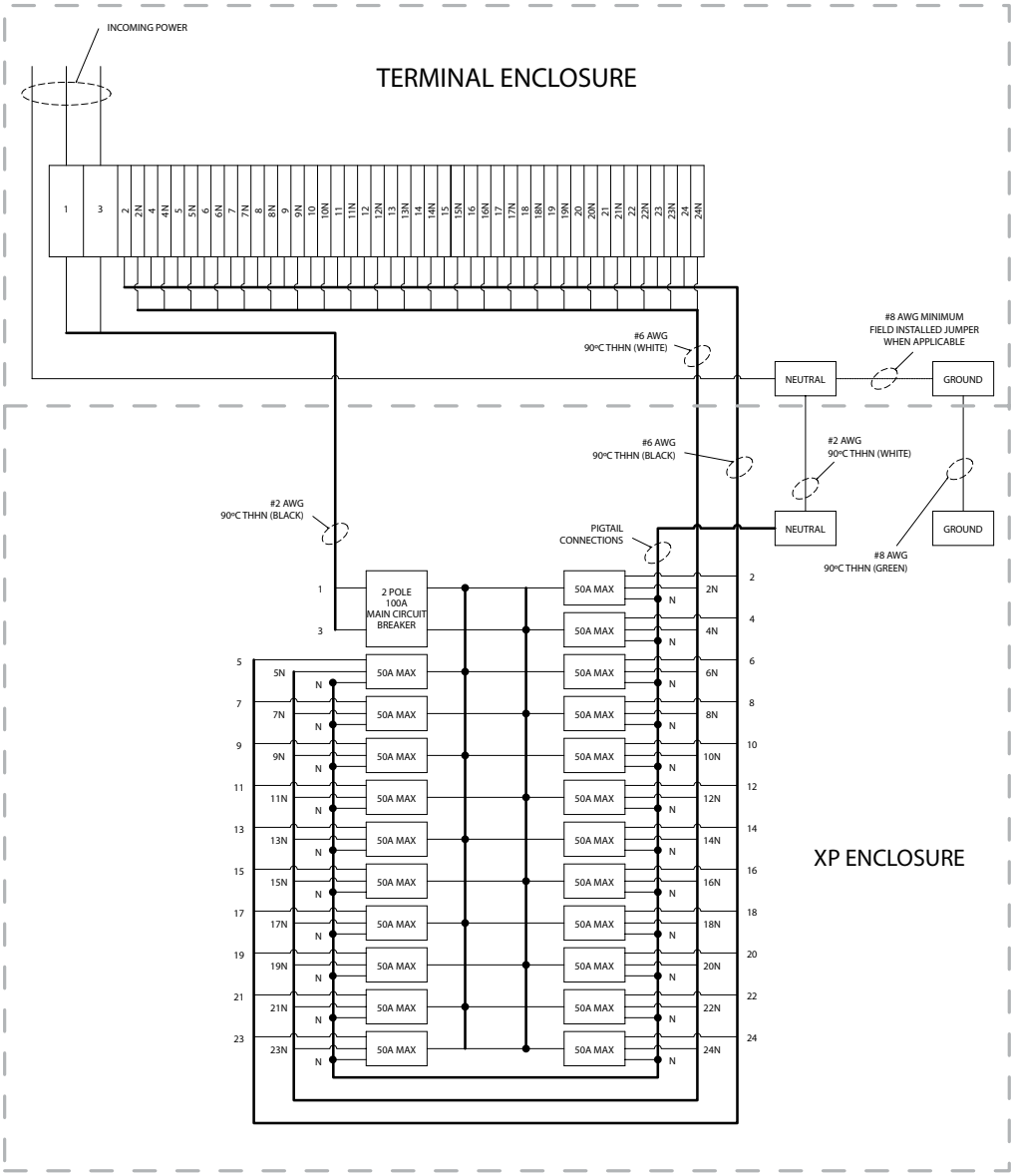
LIGHTING PANELS					
		EATON CUTLER HAMMER POW-R-LINE C PANELBOARDS			
Catalog Number	# Branch Breakers	Electrical Rating	Main Breaker Type	Bus Amp	Chassis Type
X2PB1-121-B1_	10	1Ø-3W 120/240V	BAB2100	100	PRL1A
X2PB1-181-B1_	16	1Ø-3W 120/240V	BAB2100	100	PRL1A
X2PB1-241-B2_	22	1Ø-3W 120/240V	BAB2100	225	PRL1A
X2PB1-123-B1_	9	3Ø-4W 120/208V	BAB3100H	100	PRL1A
X2PB1-183-B1_	15	3Ø-4W 120/208V	BAB3100H	100	PRL1A
X2PB1-243-B2_	21	1Ø-4W 120/208V	BAB3100H	225	PRL1A
X2PB1-123-B1_	9	3Ø-4W 277/480V	GHB3100	100	PRL2A
X2PB1-183-B1_	15	3Ø-4W 277/480V	GHB3100	100	PRL2A
X2PB1-243-B2_	21	3Ø-4W 277/480V	GHB3100	225	PRL2A

LIGHTING PANELS-W/GFI/EPD BRANCH CIRCUIT PROTECTORS						
			EATON CUTLER HAMMER POW-R-LINE C PANELBOARDS			
Catalog Number	# Branch Breakers	Max.GFI/ EPD Brkrs	Electrical Rating	Main Breaker Type	Bus Amp	Chassis Type
X2PB1-121G-B1_	10	10	1Ø-3W 120/240V	BAB2100	100	PRL1A
X2PB1-181G-B1_	16	16	1Ø-3W 120/240V	BAB2100	100	PRL1A
X2PB1-183G-B1_	15	15	3Ø-4W 120/208V	BAB3100H	100	PRL1A
X2PB1-243G-B2_	21	21	3Ø-4W 120/208V	BAB3100H	225	PRL1A

BRANCH BREAKERS	
PRL1A	PRL2A
BAB	
QBGF	GHB
QBGFEP	

FACTORY SEALED PANELBOARDS
BACK FED MAIN BREAKER

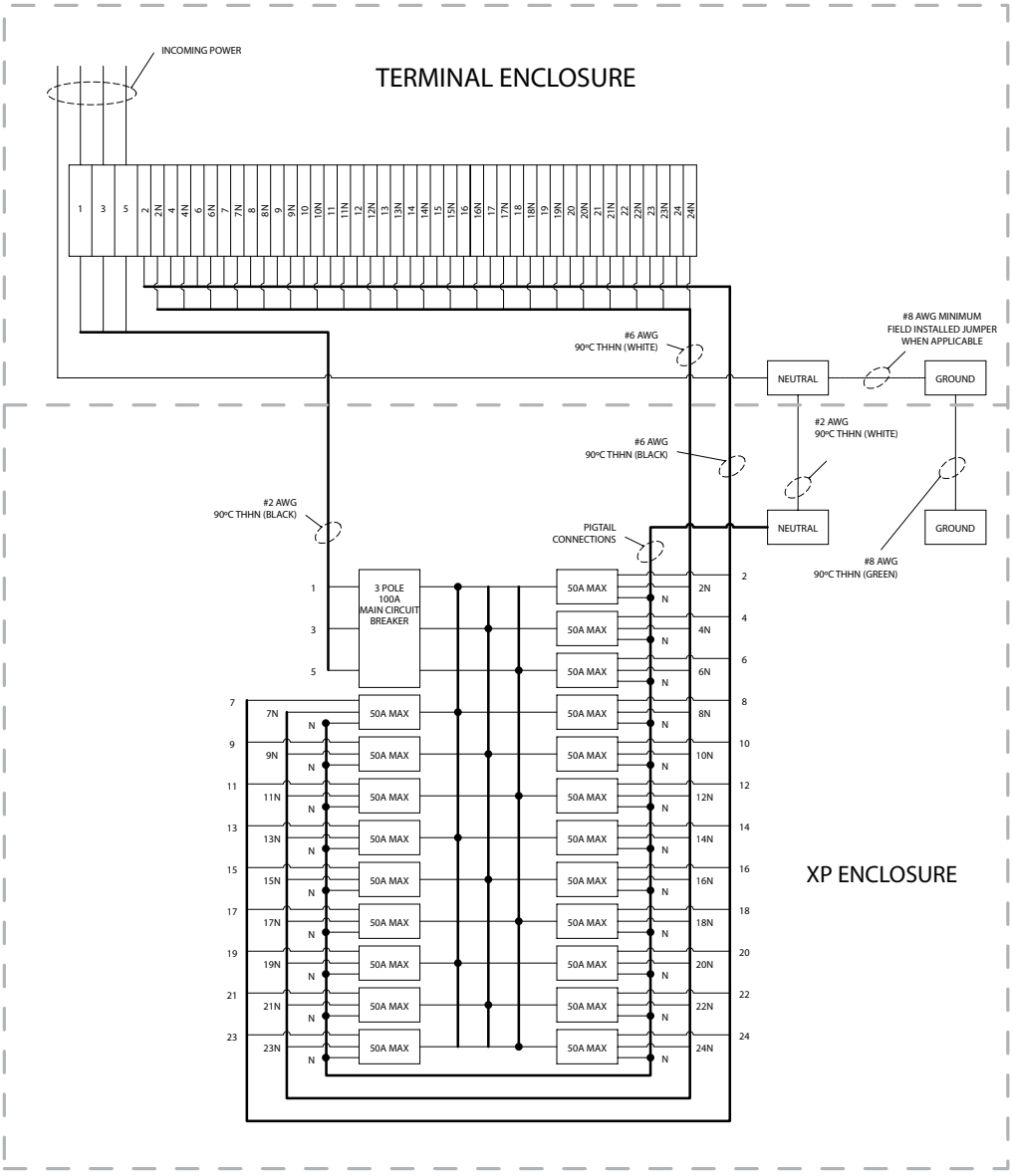
WIRING DIAGRAM



1 PHASE - 3 WIRE

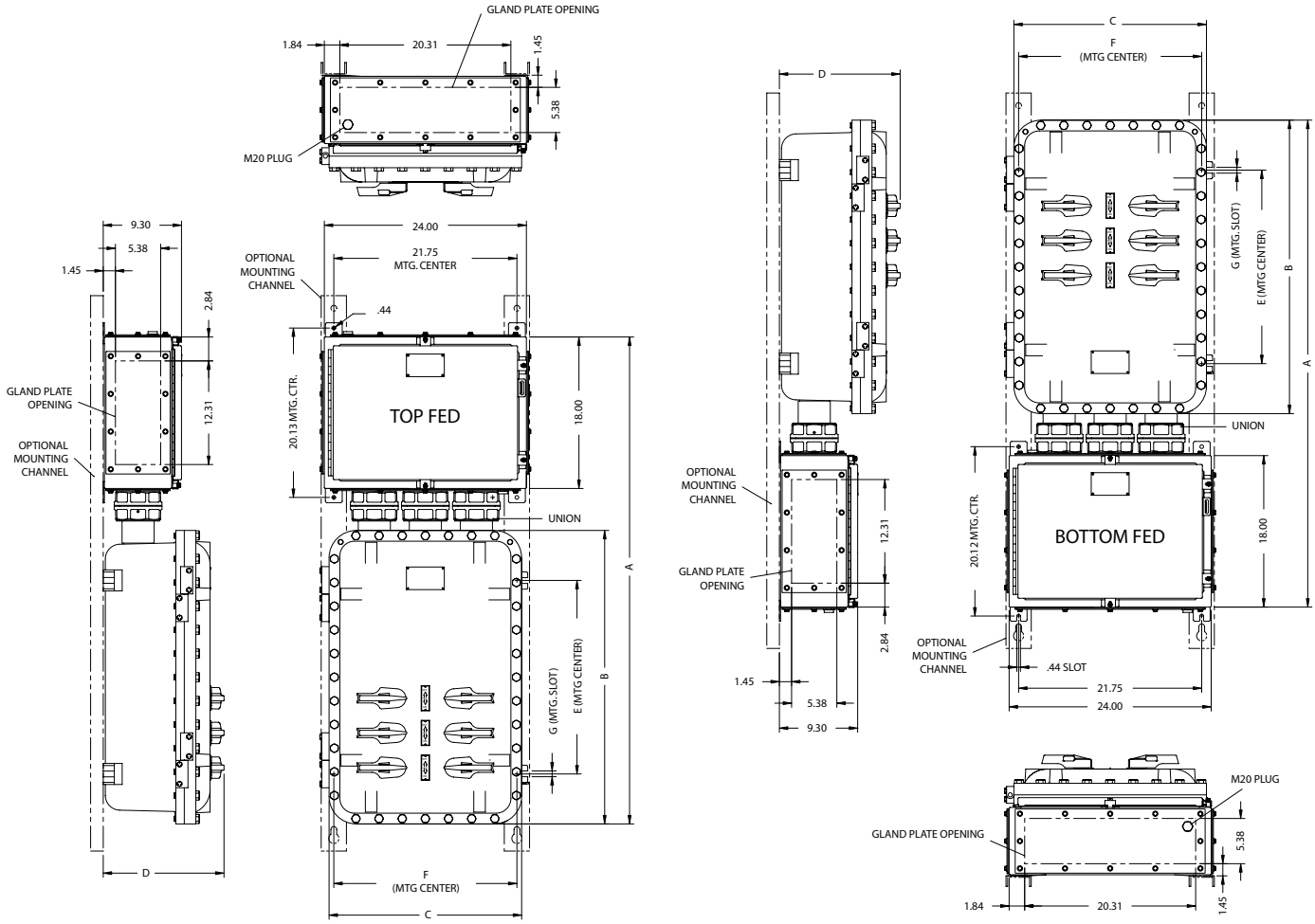
FACTORY SEALED PANELBOARDS
BACK FED MAIN BREAKER

WIRING DIAGRAM



3 PHASE - 4 WIRE

FACTORY SEALED PANELBOARDS
POWER PANEL MAIN LUG ONLY



Certifications
Panelboard Enclosure:

Class I, Div. 2, Groups B, C, D
Class II, Div. 2, Groups F & G
Class III
Class I, Zone 1, AE x d IIB
Ex d IIB
Type 4X & 13
IP66

Certifications
Terminal Enclosure:

Class I, Div. 2, Groups A, B, C, D
Class II, Div. 2, Groups F & G
Class I, Zone 1, AE x e II T6
Class I, Zone 1, AE x e II T5 Tamb +55ºC
Ex e II T6
Ex e II T6 Tamb +55ºC
Type 4X, 12 & 13
IP66

FACTORY SEALED PANELBOARDS
POWER PANEL MAIN LUG ONLY

DIMENSIONAL OUTLINE							
Catalog #	A	B	C	D	E	F	G
X2PB3-4_	51.97	28.88	28.88	14.46	18.38	21.75	0.69
X2PB3-6_	57.97	34.88	22.88	14.35	23.00	21.75	0.69
X2PB3-8_	57.97	34.88	22.88	14.35	23.00	21.75	0.69
X2PB3-10_	63.68	40.88	22.88	14.54	29.00	21.75	0.69

BRANCH BREAKERS	
Volts	Type
480	EHD
600	FDB

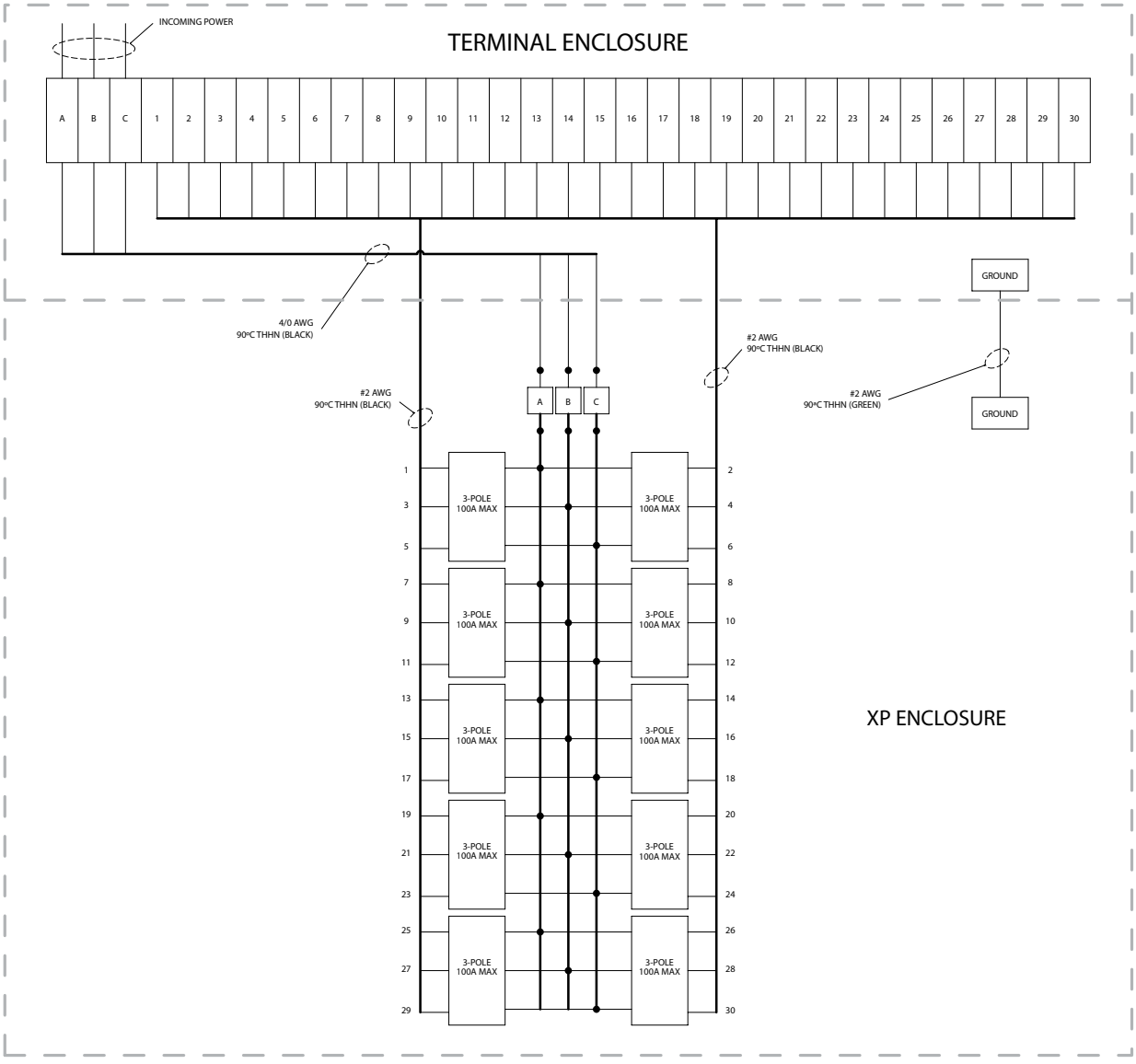
POWER PANELS				
		EATON CUTLER HAMMER POW-R-LINE C PANELBOARDS		
Catalog Number	# 3-Pole Branch Breakers	Electrical Rating	Bus Amp	Chassis Type
X2PB3-434-L2_	4	3Ø-3W 480V	225	PRL3A
X2PB3-634-L2_	6	3Ø-3W 480V	225	PRL3A
X2PB3-834-L2_	8	3Ø-3W 480V	225	PRL3A
X2PB3-1034-L2_	10	3Ø-3W 480V	225	PRL3A
X2PB3-444-L2_	4	3Ø-3W 480V	225	PRL3A
X2PB3-644-L2_	6	3Ø-4W 480V	225	PRL3A
X2PB3-844-L2_	8	3Ø-4W 480V	225	PRL3A
X2PB3-1044-L2_	10	3Ø-4W 480V	225	PRL3A
X2PB3-436-L2_	4	3Ø-3W 600V	225	PRL3A
X2PB3-636-L2_	6	3Ø-3W 600V	225	PRL3A
X2PB3-836-L2_	8	3Ø-3W 600V	225	PRL3A
X2PB3-1036-L2_	10	3Ø-3W 600V	225	PRL3A
X2PB3-446-L2_	4	3Ø-4W 600V	225	PRL3A
X2PB3-646-L2_	6	3Ø-4W 600V	225	PRL3A
X2PB3-846-L2_	8	3Ø-4W 600V	225	PRL3A
X2PB3-1046-L2_	10	3Ø-4W 600V	225	PRL3A

NOTES:

1. For Bottom Fed Model add suffix -B
2. For Top Fed Model add suffix -T
3. 10kA Maximum Interrupting Capacity (Sym.)

FACTORY SEALED PANELBOARDS
POWER PANEL MAIN LUG ONLY

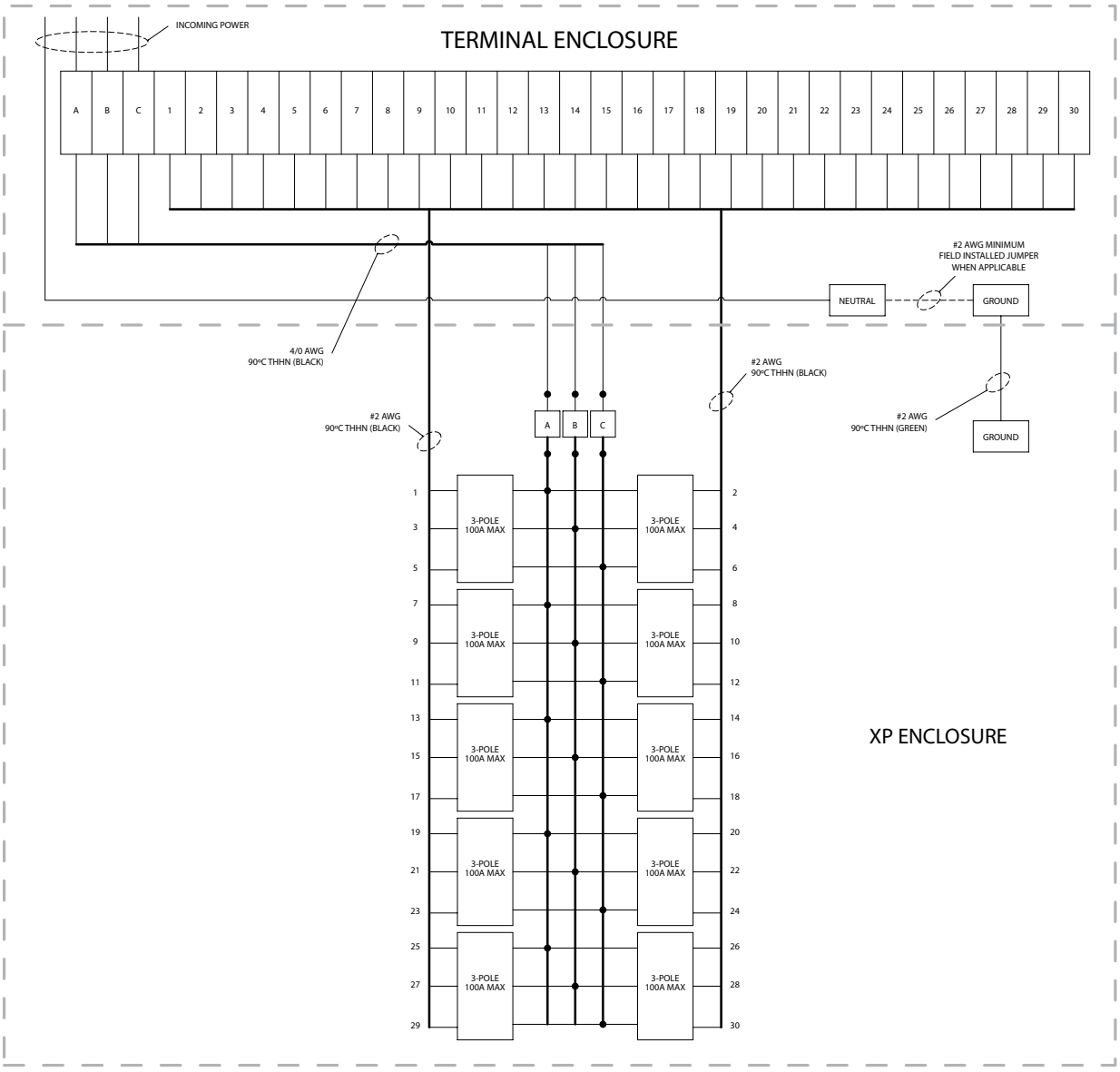
WIRING DIAGRAM



3 PHASE - 3 WIRE

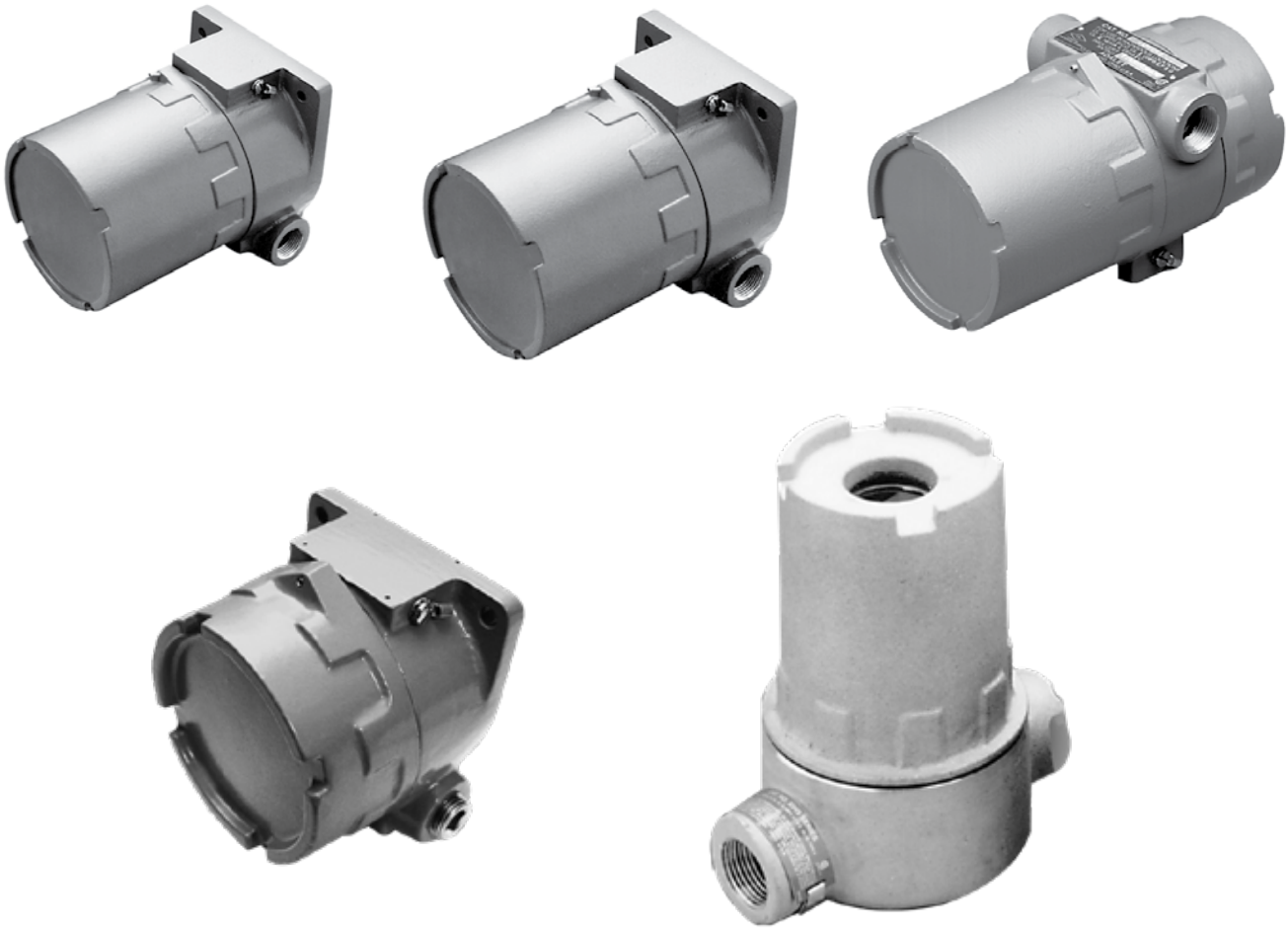
FACTORY SEALED PANELBOARDS
POWER PANEL MAIN LUG ONLY

WIRING DIAGRAM



3 PHASE - 4 WIRE

INSTRUMENT HOUSINGS



SERIES INFORMATION

Features

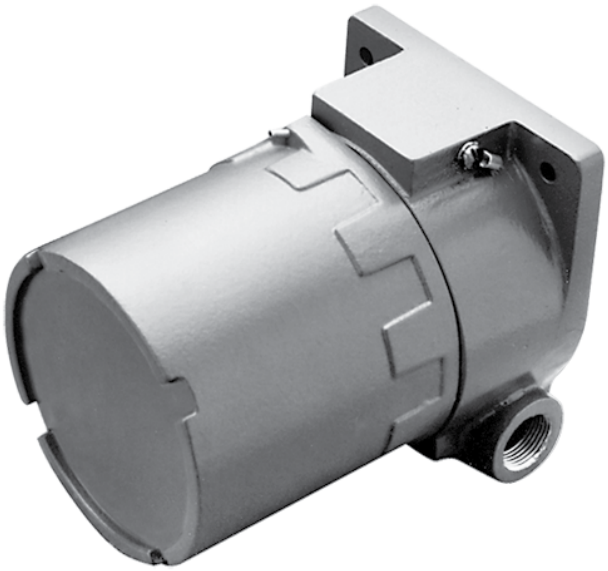
• Precision machined from sand-cast copper-free aluminum
• Internal and external ground screws and tamper resistant cover set screw for extra safety
• Buna-Nitrile rubber gasket for NEMA Type 4X watertight applications. Silicone gasket available, consult factory.
• Corrosion resistant, “safety blue” polyester powder coating(other colors available)
• Stainless steel hardware
• Front Boss modifications available
• Solid & glass covers
• Double and single ended

QUICK REFERENCE CHART FOR INSTRUMENT HOUSINGS

Catalog #	XIHL	XDHL	XIHM	XDHM	XIH	XDH	XIHS
Size	Large	Large	Medium	Medium	Standard	Standard	Small
Single or Double Sided	Single	Double	Single	Double	Single	Double	Single
Throat Diameter	4.00"	4.00"	3.56"	3.63"	3.19"	3.19"	2.63"
Glass Cover Viewing Diameter	3.31"	3.31"	2.63"	2.63"	2.63"	2.63"	1.13"
UL	B,C,D	B,C,D	B,C,DCanadian	B,C,D	B,C,D	B,C,D	B,C,D
Canadian	cUL B,C,D	cUL B,C,D	cUL B,C,D	cUL B,C,D	cUL B,C,D	cUL B,C,D	cUL B,C,D
FM	B,C,D	B,C,D	B,C,D	B,C,D	B,C,D	N/A	B,C,D
ATEX/EExd Exd	Yes - IIC	Yes - IIB+H_2	Yes - IIC	Yes - IIB+H_2	Yes - IIC	Yes - IIC	No
NEMA 4X & IP66	Both	Both	Both	Both	Both	Both	Type 4
Cast Mtg. Feet	Yes	No	Optional	No	Optional	No	No
Powder Coat Std.	Yes	Yes	Yes	Yes	Yes	Yes	No
Backwall Entry	NPT,NPSM, Metric	N/A	NPT	N/A	Consult Factory	N/A	NPT on XIHSB/D
Front Boss Entry	NPT,NPSM, Metric	NPT,NPSM, Metric	NPT,NPSM, Metric	NPT,NPSM, Metric	NPT,NPSM, Metric	NPT,NPSM, Metric	Yes, Hub
Terminal Strips Through Dividing Wall	N/A	Yes, 2-12	N/A	Yes, 2-8	N/A	Yes, 2-4	N/A
Interior Mounting Means	Versatile Thickwall	Versatile Thickwall	Versatile Thickwall	Versatile Thickwall	Bosses	Versatile Thickwall	Bosses
Dividing Wall Penetrate / Remove	N/A	Yes	N/A	Yes	N/A	Yes	N/A

XIH (STANDARD) SERIES

3-3/16” ID ENCLOSURES



Certifications

Class I, Groups B,C,D
Class II, Groups E,F,G
Class III
Class I, Zone 1, AEx d IIC
Ex d IIC
0539 II 2GD (Optional)
Type 4X
IP 66
4X, 7BCD, 9EFG
UL 1203
FM 3615
CSA C22.2 No. 30
UL 60079-0/UL 60079-1
CSA 60079-0/CSA 60079-1
ATEX Directive 2014/34/E4
UL 50
IEC 60529
NEMA Compliance

*ATEX / IECEx Certification is optional

PRODUCT INFORMATION

XIH housings are designed for small to medium size electronic assemblies. The 3-3/16” ID provides ample clearance to accommodate a wide variety of measurement and control devices. Precision machined from sand-cast copper-free aluminum.

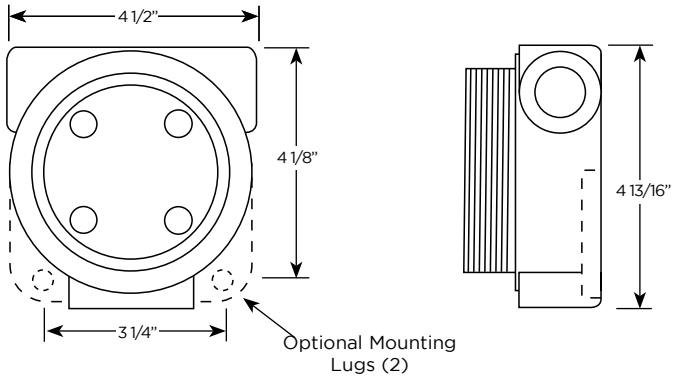
Features

• Four interior mounting bosses at 45° orientation accommodate blind tapped holes on a 2-1/2” bolt circle. Consult factory for other mounting options.
• 1/2” or 3/4” NPT conduit feed-through hubs, offset for maximum clearance and capacity
• Internal and external ground screws and tamper resistant cover set screw for extra safety
• Glass cover models have a 2-5/8” diameter, tempered glass window for local read out
• Buna-Nitrile rubber gasket for NEMA Type 4X watertight applications
• Corrosion resistant, “safety blue” polyester powder coating (other colors available)
• Stainless steel hardware

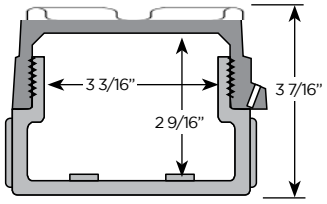
Design Options

• 1/4-20 UNC holes in front boss for bracket mounting. Consult factory for other sizes.
• Front Boss Modifications: 1/2” or 3/4” NPT entry for sensor, probe or conduit. NPSM & metric entries also available, consult factory.
• Mounting lugs with 5/16” holes (add suffix “L” to catalog number)
• Other interior mounting bosses available – please consult factory
• Silicone gasket

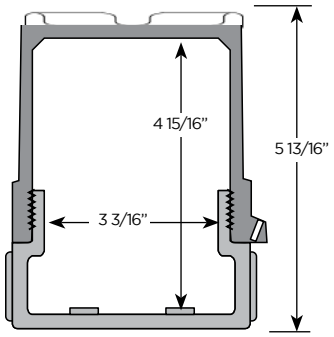
XIH (STANDARD) SERIES



Solid Cover Arrangements

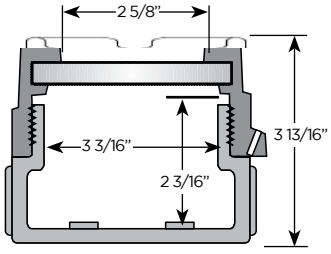


SOLID COVER	
Catalog #	Description
XIHFCX2	Flat Cover, 1/2" NPT Hubs
XIHFCX3	Flat Cover, 3/4" NPT Hubs

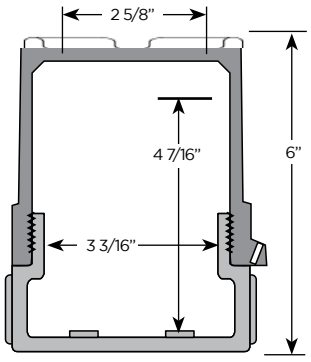


SOLID COVER	
Catalog #	Description
XIHDCX2	Dome Cover, 1/2" NPT Hubs
XIHDCX3	Dome Cover, 3/4" NPT Hubs

Glass Cover Arrangements



GLASS COVER	
Catalog #	Description
XIHFGCX2	Flat Glass Cover, 1/2" NPT Hubs
XIHFGCX3	Flat Glass Cover, 3/4" NPT Hubs



GLASS COVER	
Catalog #	Description
XIHDGCX2	Dome Glass Cover, 1/2" NPT Hubs
XIHDGCX3	Dome Glass Cover, 3/4" NPT Hubs

XIH 3-LUG

3-3/16” ID ENCLOSURES
3-LUG MOUNTING

Certifications

Class I, Groups B,C,D
Class II, Groups E,F,G
Class III
Class I, Zone 1, AEx d IIC
Ex d IIC
0539 II 2GD (Optional)
Type 4X
IP 66
4X, 7BCD, 9EFG
UL 1203
FM 3615
CSA C22.2 No. 30
UL 60079-0/UL 60079-1
CSA 60079-0/CSA 60079-1
ATEX Directive 94/9/EC
UL 50
IEC 60529
NEMA Compliance

*ATEX / IECEx Certification is optional

PRODUCT INFORMATION

XIH housings are designed for small to medium size electronic assemblies. The 3-3/16” ID provides ample clearance to accommodate a wide variety of measurement and control devices. Precision machined from sand-cast copper-free aluminum. Three Lug configuration designed for heavy vibration applications which resources additional mounting provisions.

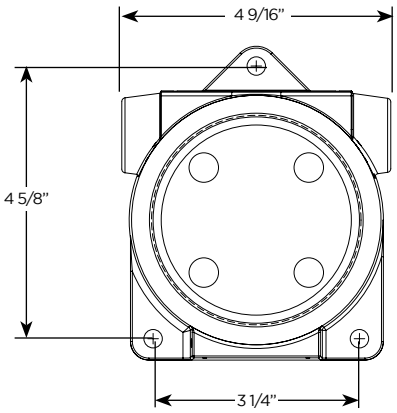
Features

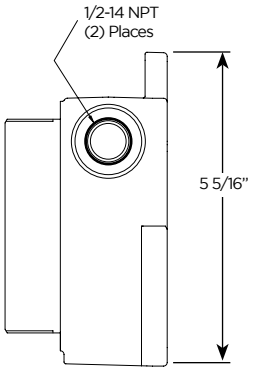
• 3 factory drilled mounting lugs
• Four interior mounting bosses at 45° orientation accommodate blind tapped holes on a 2-1/2” bolt circle. Consult factory for other mounting options.
• 1/2” conduit feed-through hubs, offset for maximum clearance and capacity
• Internal and external ground screws and tamper resistant cover set screw for extra safety
• Glass cover models have a 2-5/8” diameter, tempered glass window for local read out
• Buna-Nitrile rubber gasket for NEMA Type 4X watertight applications
• Corrosion resistant, “safety blue” polyester powder coating (other colors available)
• Stainless steel hardware

Design Options

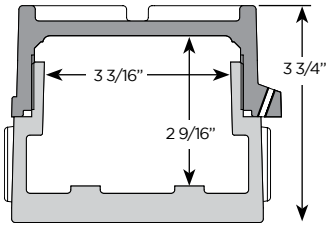
• 1/4-20 UNC holes in front boss for bracket mounting. Consult factory for other sizes.
• Front Boss Modifications: 1/2” or 3/4” NPT entry for sensor, probe or conduit entry. NPSM & metric entries also available, consult factory.
• Other interior mounting bosses available – please consult factory
• Silicone gasket

XIH 3-LUG

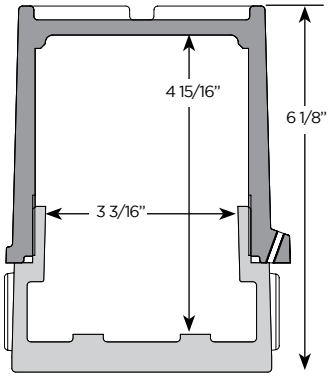




Solid Cover Arrangements

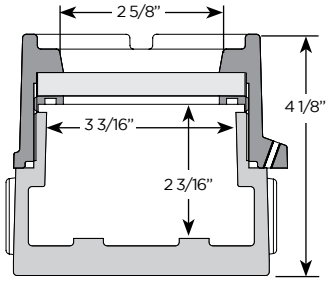


SOLID COVER	
Catalog #	Description
XIHFCX 2L-3 Lug	Flat Cover, 1/2" NPT Hubs

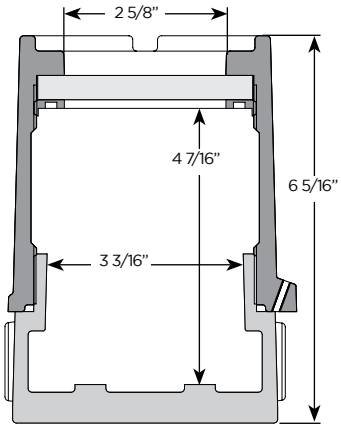


SOLID COVER	
Catalog #	Description
XIHDCX 2L-3 Lug	Dome Cover,- 1/2" NPT Hubs

Glass Cover Arrangements



GLASS COVER	
Catalog #	Description
XIHFGCX 2L-3 Lug	Flat Glass Cover, 1/2" NPT Hubs



GLASS COVER	
Catalog #	Description
XIHDGCX 2L-3 Lug	Dome Glass Cover, 1/2" NPT Hubs

XDH (STANDARD) SERIES

3-3/16” ID ENCLOSURES
DOUBLE-ENDED HOUSING

Certifications

Class I, Groups B,C,D
Class II, Groups E,F,G
Class III
Class I, Zone 1, AEx d IIC
Ex d IIC
0539 ⟨Ex⟩ II 2GD (Optional)
Type 4X
IP 66
4X, 7BCD, 9EFG
UL 1203
FM 3615
CSA C22.2 No. 30
UL 60079-0/UL 60079-1
CSA 60079-0/CSA 60079-1
ATEX Directive 94/9/EC
UL 50
IEC 60529
NEMA Compliance

*ATEX / IECEx Certification is optional

PRODUCT INFORMATION

XDH housings are designed to isolate incoming power connections from instrumentation. The 3-3/16” ID provides ample clearance to accommodate a wide variety of measurement and control devices, with back-to-back chambers separated by a solid, 3/8” thick wall. Precision machined from sand-cast copper-free aluminum.

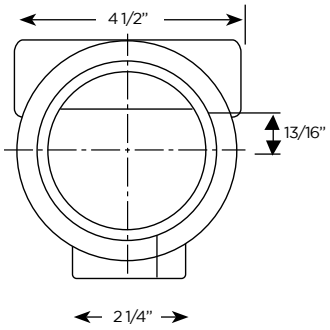
Features

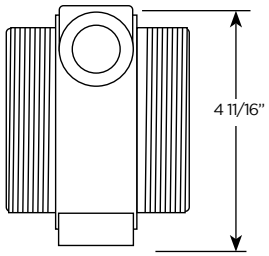
• 3/4” NPT conduit feed-through hubs, offset into power side for maximum clearance and capacity
• Front boss with 3/4” NPT opening into instrument side for conduit, sensor or probe (see design options for other sizes)
• Internal and external ground screws and tamper resistant cover set screws for extra safety
• A choice of solid covers or 2-5/8” diameter tempered glass window for local read out and display
• Buna-Nitrile rubber gasket for NEMA Type 4X watertight applications
• Corrosion resistant, “safety blue” polyester powder coating (other colors available)
• Stainless steel hardware

Design Options

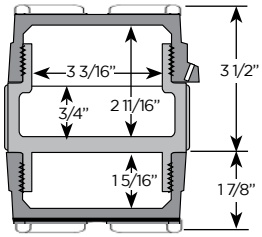
• 2- or 4-point, power side terminal strip with sealed pass-through to instrument (add suffix “2T” or “4T” to catalog number)
• Power side (shallow side) cover options:
Flat Solid — Standard
Dome Glass — Add Suffix “A”
Flat Glass — Add Suffix “B”
Dome Solid — Add Suffix “C”
• 1/4–20 UNC holes in front boss for bracket mounting. (Consult factory for other sizes.)
• Front Boss Modifications: 1/2 NPT & various NPSM & Metric entries available in place of standard 3/4 NPT. Consult factory.
• 1/2” NPT feed-through reducers are available – add suffix “2” to catalog-number.
• Silicone gasket

XDH (STANDARD) SERIES

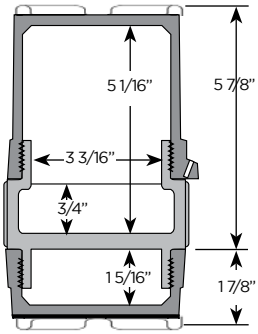




Solid Cover Arrangements

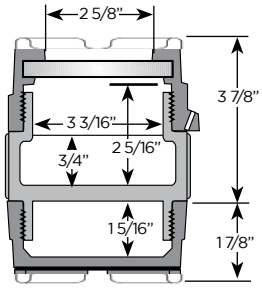


SOLID COVER	
Catalog #	Description
XDHFCX	Flat Cover, 3/4" NPT Hubs

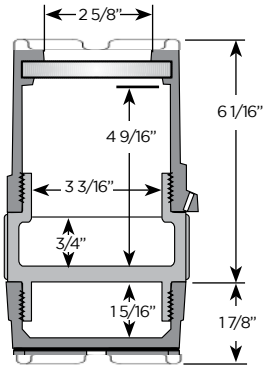


SOLID COVER	
Catalog #	Description
XDHDCX	Dome Cover, 3/4" NPT Hub

Glass Cover Arrangements



GLASS COVER	
Catalog #	Description
XDHFGCX	Flat Glass Cover, 3/4" NPT Hubs



GLASS COVER	
Catalog #	Description
XDHDGCX	Dome Glass Cover, 3/4" NPT Hubs

XIHM (MEDIUM) SERIES

3-9/16” ID ENCLOSURE (STANDARD)
3-5/8” ID ENCLOSURE (AVAILABLE-SEE NOTE)

Certifications

Class I, Groups B,C,D
Class II, Groups E,F,G
Class III
Class I, Zone 1, AEx d IIC
Ex d IIC
0539 II 2GD (Optional)
Type 4X
IP 66
4X, 7BCD, 9EFG
UL 1203
FM 3615
CSA C22.2 No. 30
UL 60079-0/UL 60079-1
CSA 60079-0/CSA 60079-1
ATEX Directive 94/9/EC
UL 50
IEC 60529
NEMA Compliance

*ATEX / IECEx Certification is optional

PRODUCT INFORMATION

XIHM housings accommodate large diameter assemblies, multi-level circuit boards or wide angle readouts and displays. The 3-9/16” ID provides maximum clearance to facilitate instrument mounting, calibration or service. Precision machined from sandcast, copper-free aluminum.

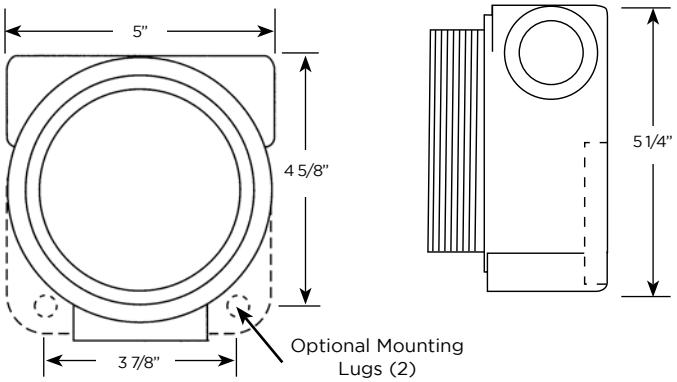
Features

• 3/4” NPT conduit feed-through hubs offset for maximum clearance and capacity
• 7/16” thick base for blind tapped instrument mounting holes in any location
• Glass cover models have a large 2-5/8” diameter, tempered glass window for local read out
• 60° chamfer on window opening provides enhanced viewing angle
• Buna-Nitrile rubber gasket for NEMA Type 4X watertight applications
• Front boss for bracket mounting or for use as additional conduit or sensor entry
• Corrosion resistant, “safety blue” polyester powder coating (other colors available)
• Internal and external ground screws and tamper resistant cover set screw for extra safety
• Stainless steel hardware

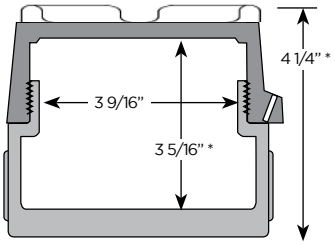
Design Options

• Mounting lugs with 5/16” holes (add suffix “L” to catalog number)
• Additional small hole drilling and tapping in the backwall for mounting of instrumentation
• 1/2” NPT or 3/4” NPT opening into back wall for conduit, sensor or probe
• Front Boss Modifications: 1/2”, 3/4” or 1” NPT; 1/2”, 3/4” or 1” NPSM; or 20mm or 25mm for sensor, probe or conduit entry
• 1/2” NPT reducers are available – add suffix “2” to catalog-number
• 1/4–20 UNC holes in front boss for bracket mounting (Consult factory for other sizes).
• Silicone gasket

XIHM (MEDIUM) SERIES

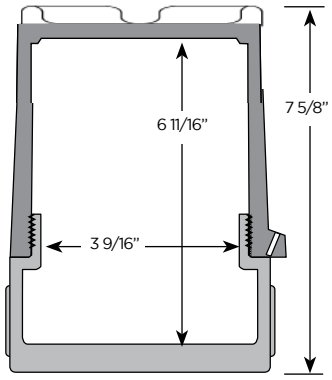


Solid Cover Arrangements



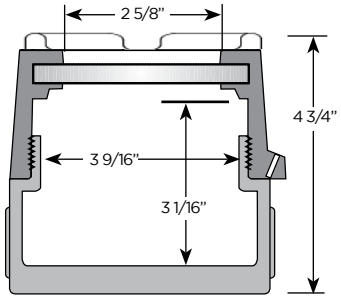
SOLID COVER	
Catalog #	Description
XIHMFCX	Flat Cover, 3/4" NPT Hubs
XIHMMCX	Mid Size Cover, 3/4" NPT Hubs

* Midsize solid cover available, add 11/16" to above dimensions

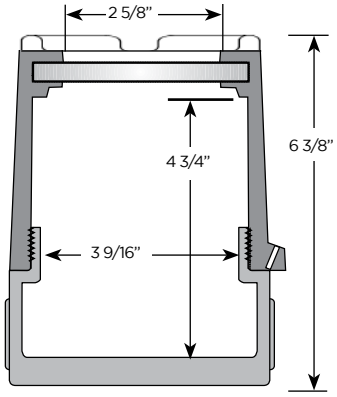


SOLID COVER	
Catalog #	Description
XIHMDCX	Dome Cover, 3/4" NPT Hubs

Glass Cover Arrangements



GLASS COVER	
Catalog #	Description
XIHMFGCX	Flat Glass Cover, 3/4" NPT Hubs



GLASS COVER	
Catalog #	Description
XIHMDGCX	Dome Glass Cover, 3/4" NPT Hubs

XDHM (MEDIUM) SERIES

3-5/8” ID ENCLOSURES
DOUBLE-ENDED HOUSING

Certifications

Class I, Groups B,C,D
Class II, Groups E,F,G
Class III
Class I, Zone 1, AEx d IIC
Ex d IIC
0539 Ex II 2GD (Optional)
Type 4X
IP 66
4X, 7BCD, 9EFG
UL 1203
FM 3615
CSA C22.2 No. 30
UL 60079-0/UL 60079-1
CSA 60079-0/CSA 60079-1
ATEX Directive 94/9/EC
UL 50
IEC 60529
NEMA Compliance

*ATEX / IECEx Certification is optional

PRODUCT INFORMATION

XDHM housings are designed to isolate incoming power connections from instrumentation. The 3-5/8” ID provides maximum clearance to facilitate instrument mounting, calibration or service, with back-to-back chambers separated by a solid, 1/2” thick wall. Precision machined from sand-cast, copper-free aluminum.

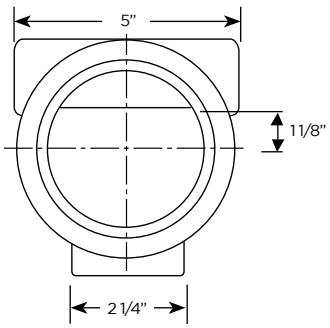
Features

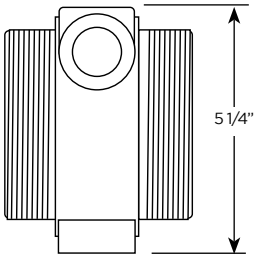
• 3/4” NPT conduit feed-through hubs, offset into power side for maximum clearance and capacity
• Front boss with 3/4” NPT opening into instrument side for conduit, sensor or probe (see design options for other sizes)
• Internal and external ground screws and tamper resistant cover set screws for extra safety
• A choice of solid covers or 2-5/8” diameter tempered glass window for local read out and display
• 60° chamfer on window opening provides enhanced viewing angle
• Buna-Nitrile rubber gasket for NEMA Type 4X watertight applications
• Corrosion resistant, “safety blue” polyester powder coating (other colors available)
• Stainless steel hardware

Design Options

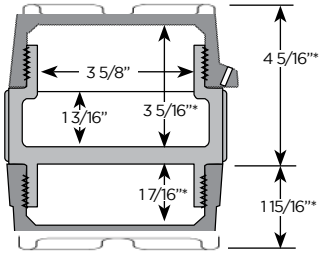
• 2- to 8-point, power side terminal strip with sealed pass-through to instrument (add suffix “2T”, “4T”, “6T” or “8T” to catalog number)
• Internal wall can be modified (Drilled & Tapped) to suit design needs, or be completely removed and still maintain approvals. Please consult factory.
• Power side (shallow side) cover options:
Flat Solid — Standard
Dome Glass — Add Suffix “A”
Flat Glass — Add Suffix “B”
Dome Solid — Add Suffix “C”
Midsize Solid — Add Suffix “D”
• Front Boss Modifications: 1/2”, 3/4” or 1” NPT; 1/2”, 3/4” or 1” NPSM; or 20mm or 25mm opening modify for sensor, probe or conduit entry
• 1/2” NPT reducers are available – add suffix “2” to catalog-number
• 1/4–20 UNC holes in front boss for bracket mounting. (Consult factory for other sizes.)
• Silicone gasket

XDHM (MEDIUM) SERIES



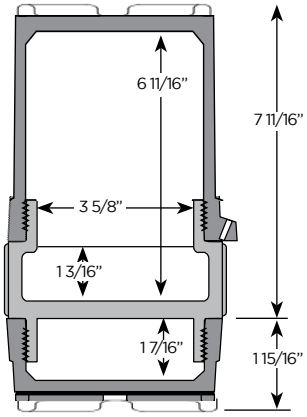


Solid Cover Arrangements



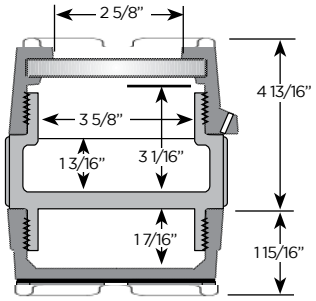
SOLID COVER	
Catalog #	Description
XDHMFCX	Flat Cover, 3/4" NPT Hubs
XDHMMCX	Mid Size Cover, 3/4" NPT Hubs

* Midsize solid cover available – add 11/16" to above dimensions.

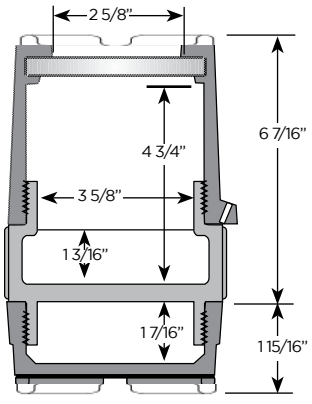


SOLID COVER	
Catalog #	Description
XDHMDCX	Dome Cover, 3/4" NPT Hubs

Glass Cover Arrangements



GLASS COVER	
Catalog #	Description
XDHMFGCX	Flat Glass Cover, 3/4" NPT Hubs



GLASS COVER	
Catalog #	Description
XDHMDGCX	Dome Glass Cover, 3/4" NPT Hubs

XIHL (LARGE) SERIES

4” ID ENCLOSURES

Certifications

Class I, Groups B,C,D
Class II, Groups E,F,G
Class III
Class I, Zone 1, AEx d IIC
Ex d IIC
0539 ⟨Ex⟩ II 2GD (Optional)
Type 4X
IP 66
4X, 7BCD, 9EFG
UL 1203
FM 3615
CSA C22.2 No. 30
UL 60079-0/UL 60079-1
CSA 60079-0/CSA 60079-1
ATEX Directive 94/9/EC
UL 50
IEC 60529
NEMA Compliance

*ATEX / IECEx Certification is optional

PRODUCT INFORMATION

XIHL housings accommodate large diameter assemblies, multi-level circuit boards or wide angle readouts and displays. The 4” ID provides maximum clearance to facilitate instrument mounting, calibration or service. Precision machined from sand-cast copper-free aluminum.

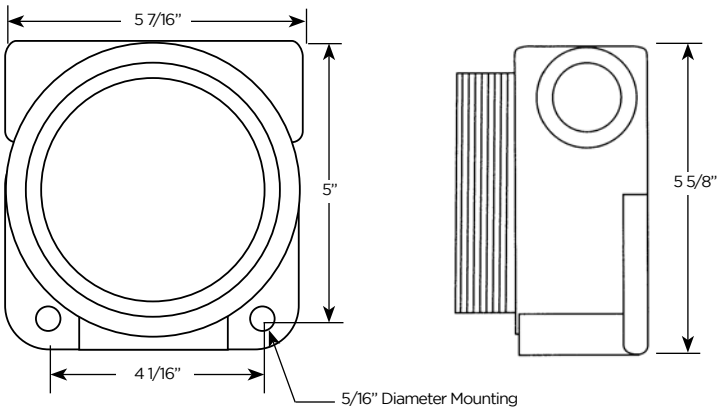
Features

• 3/4” NPT conduit feed-through hubs offset for maximum clearance and capacity
• 1/2” thick base for blind tapped instrument mounting holes in any location
• Glass cover models have a large 3-5/16” diameter, tempered glass window for local read out
• Buna-Nitrile rubber gasket for NEMA Type 4X watertight applications
• Corrosion resistant, “safety blue” polyester powder coating (other colors available)
• Internal and external ground screws and tamper resistant cover set screw for extra safety
• Stainless steel hardware

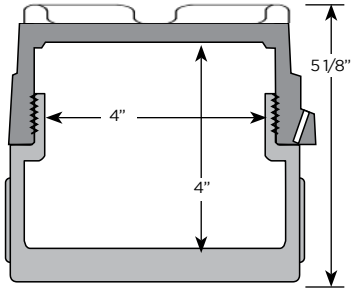
Design Options

• Four 1 4–20 UNC holes in front boss for bracket mounting
• Front Boss and Backwall Modifications: 1 2” to 1” NPT, 1 2” to 3 4” NPSM or 20 mm for sensor, probe or conduit entry. Consult factory for other sizes.
• 1 2” NPT reducers are available – add suffix “2” to catalog-number
• Silicone gasket

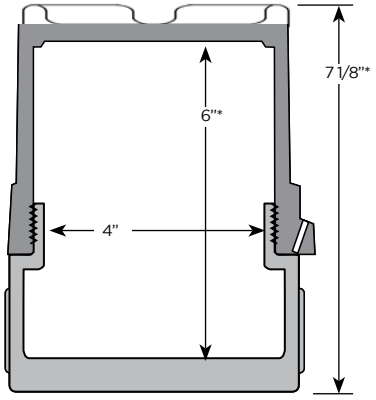
XIHL (LARGE) SERIES



Solid Cover Arrangements



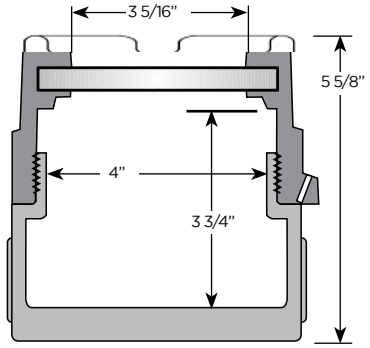
SOLID COVER	
Catalog #	Description
XIHLFCX	Flat Cover, 3/4" NPT Hubs



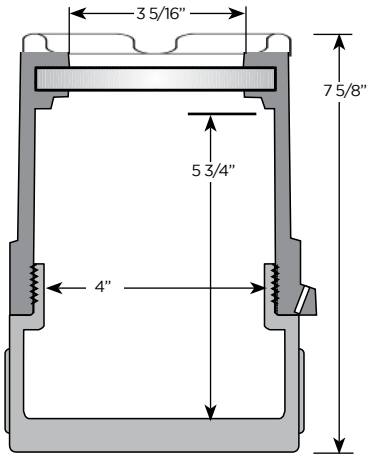
SOLID COVER	
Catalog #	Description
XIHLDCX	Dome Cover, 3/4" NPT Hubs
XIHLECX	Extended dome cover

* Extended dome height cover available, add 15/16" to dimensions

Glass Cover Arrangements



GLASS COVER	
Catalog #	Description
XIHLFGCX	Flat Glass Cover, 3/4" NPT Hubs



GLASS COVER	
Catalog #	Description
XIHLDGCX	Dome Glass Cover, 3/4" NPT Hubs

XDHL (LARGE) SERIES

4” ID ENCLOSURES
DOUBLE-ENDED HOUSING

Certifications

Class I, Groups B,C,D
Class II, Groups E,F,G
Class III
Class I, Zone 1, AEx d IIC
Ex d IIC
0539 Ex II 2GD (Optional)
Type 4X
IP 66
4X, 7BCD, 9EFG
UL 1203
FM 3615
CSA C22.2 No. 30
UL 60079-0/UL 60079-1
CSA 60079-0/CSA 60079-1
ATEX Directive 94/9/EC
UL 50
IEC 60529
NEMA Compliance

*ATEX / IECEx Certification is optional

PRODUCT INFORMATION

XDHL housings are designed to isolate incoming power connections from instrumentation. The 4” ID provides maximum clearance to facilitate instrument mounting, calibration or service, with back-to-back chambers separated by a solid, 1/2” thick wall. Precision machined from sand-cast, copper-free aluminum.

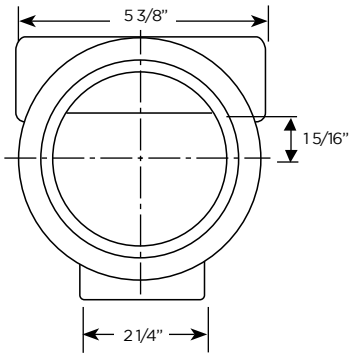
Features

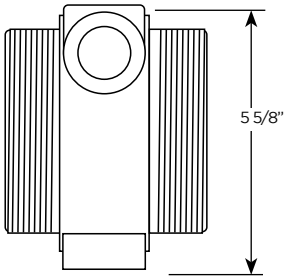
• 3/4” NPT conduit feed-through hubs, offset into power side for maximum clearance and capacity
• Front boss with 3/4” NPT opening into instrument side for conduit, sensor or probe (see design options for other sizes)
• Internal and external ground screws and tamper resistant cover set screws for extra safety
• A choice of solid covers or 3-5/16” diameter tempered glass window for local read out and display
• Buna-Nitrile rubber gasket for NEMA Type 4X watertight applications
• Corrosion resistant, “safety blue” polyester powder coating (other colors available)
• Stainless steel hardware

Design Options

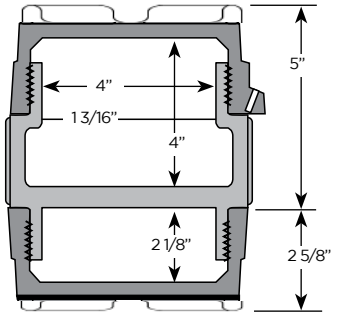
• 2- to 12-point, power side terminal strip with sealed pass-through to instrument (add suffix “2T”, “4T”, “6T”, “8T”, “10T” or “12T” to catalog number)
• Internal wall can be modified (Drilled & Tapped) to suit design needs, or be completely removed and still maintain approvals. Please consult factory.
• Power side (shallow side) cover options:
Flat Solid — Standard
Dome Glass — Add Suffix “A”
Flat Glass — Add Suffix “B”
Dome Solid — Add Suffix “C”
• Front Boss Modifications: 1/2”, 3/4” or 1” NPT; 1/2”, 3/4” or 1” NPSM; or 20mm, 25mm or 30mm entry for sensor, probe or conduit
• 1/2” NPT reducers are available – add suffix “2” to catalog-number
• Four 1/4–20 UNC holes in front boss for bracket mounting. (Consult factory for other sizes)
• Silicone gasket

XDHL (LARGE) SERIES

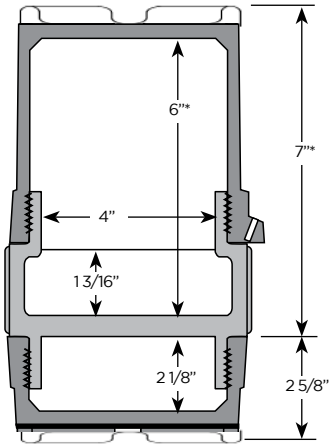




Solid Cover Arrangements



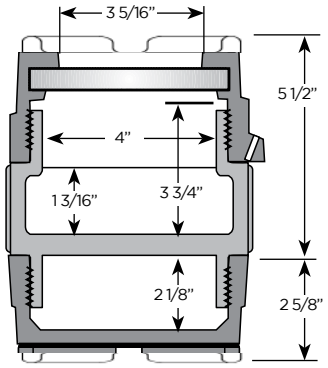
SOLID COVER	
Catalog #	Description
XDHLFCX	Flat Cover, 3/4" NPT Hubs



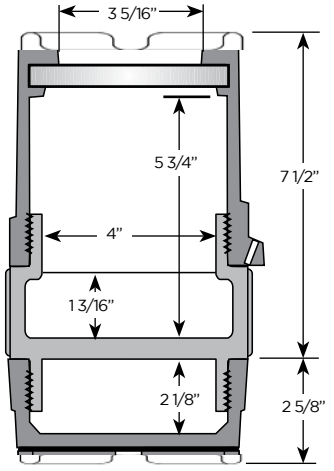
SOLID COVER	
Catalog #	Description
XDHLDCX	Dome Cover, 3/4" NPT Hubs
XDHLECX	Extended dome cover, 3/4" NPT Hubs

* Extended height cover available, add 15/16" to dimensions

Glass Cover Arrangements



GLASS COVER	
Catalog #	Description
XDHLFGCX	Flat Glass Cover, 3/4" NPT Hubs



GLASS COVER	
Catalog #	Description
XIHLDGCX	Dome Glass Cover, 3/4" NPT Hubs

XIHS (SMALL) SERIES

2-5/8” ID ENCLOSURES

Certifications

Class I, Groups B,C,D
Class II, Groups E,F,G
Class III
Class I, Zone 1, AEx d IIC
Ex d IIC
0539 ⟨Ex⟩ II 2GD (Optional)
Type 4X
IP 66
4X, 7BCD, 9EFG
UL 1203
FM 3615
CSA C22.2 No. 30
UL 60079-0/UL 60079-1
CSA 60079-0/CSA 60079-1
ATEX Directive 94/9/EC
UL 50
IEC 60529
NEMA Compliance

*ATEX / IECEx Certification is optional

PRODUCT INFORMATION

XIHS housings are designed to accommodate small instruments or devices. The 2-5/8” ID enclosure is offered in six different conduit configurations and a choice of cover arrangements. Precision machined from sand-cast, copper-free aluminum.

Features

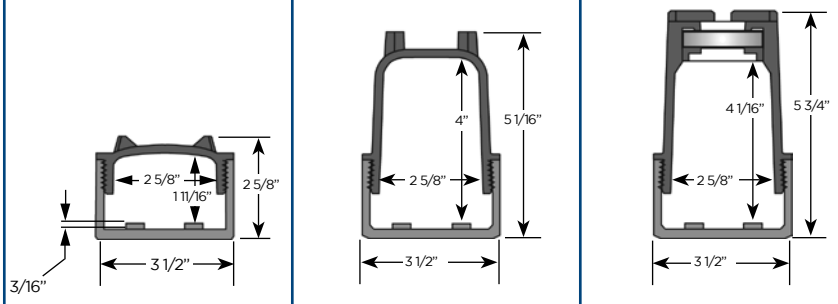
• 1/2”, 3/4” or 1” NPT conduit feed-through hubs for power
• Internal ground screw
• Interior instrument mounting bosses that accommodate blind tapped holes on a 2” bolt circle
• Glass cover arrangements with a 1-1/8” diameter tempered glass window for local read out
• Buna-Nitrile rubber gasket for NEMA Type 4X watertight applications
• Tumblast, natural aluminum finish

Design Options

• Corrosion resistant, “safety blue” polyester powder coating (other colors available)

XIHS (SMALL) SERIES

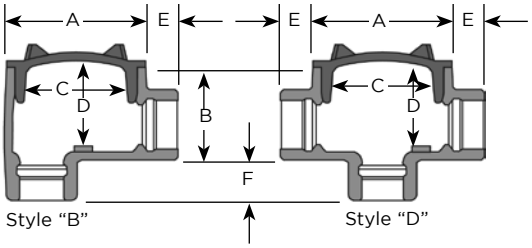
COVER ARRANGEMENTS



SOLID COVER

Base Styles	Catalog #	Conduit Size	Catalog #	Conduit Size	Catalog #	Conduit Size
B	XIHSBFC2	1/2" NPT	XIHSBDC2	1/2" NPT	XIHSBDGC2	1/2" NPT
	XIHSBFC3	3/4" NPT	XIHSBDC3	3/4" NPT	XIHSBDGC3	3/4" NPT
	XIHSBFC4	1" NPT	XIHSBDC4	1" NPT	XIHSBDGC4	1" NPT
C	XIHSCFC2	1/2" NPT	XIHSCDC2	1/2" NPT	XIHSCDGC2	1/2" NPT
	XIHSCFC3	3/4" NPT	XIHSCDC3	3/4" NPT	XIHSCDGC3	3/4" NPT
	XIHSCFC4	1" NPT	XIHSCDC4	1" NPT	XIHSCDGC4	1" NPT
D	XIHSDFC3	3/4" NPT	XIHSDDC3	3/4" NPT	XIHSDDGC3	3/4" NPT
	XIHSDFC4	1" NPT	XIHSDDC4	1" NPT	XIHSDDGC4	1" NPT
L	XIHSLFC2	1/2" NPT	XIHSLDC2	1/2" NPT	XIHSLDGC2	1/2" NPT
	XIHSLFC3	3/4" NPT	XIHSLDC3	3/4" NPT	XIHSLDGC3	3/4" NPT
	XIHSLFC4	1" NPT	XIHSLDC4	1" NPT	XIHSLDGC4	1" NPT
T	XIHSTFC2	1/2" NPT	XIHSTDC2	1/2" NPT	XIHSTDGC2	1/2" NPT
	XIHSTFC3	3/4" NPT	XIHSTDC3	3/4" NPT	XIHSTDGC3	3/4" NPT
	XIHSTFC4	1" NPT	XIHSTDC4	1" NPT	XIHSTDGC4	1" NPT
X	XIHSXFC2	1/2" NPT	XIHSXDC2	1/2" NPT	XIHSXDGC2	1/2" NPT
	XIHSXFC3	3/4" NPT	XIHSXDC3	3/4" NPT	XIHSXDGC3	3/4" NPT
	XIHSXFC4	1" NPT	XIHSXDC4	1" NPT	XIHSXDGC4	1" NPT
Y	XIHSYFC23	ONE 1/2" NPT	XIHSYDC23	ONE 1/2" NPT	XIHSYDGC23	ONE 1/2" NPT
		ONE 3/4" NPT		ONE 3/4" NPT		ONE 3/4" NPT

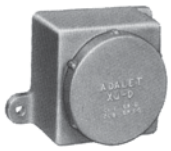
Note: Above dimensions are for 1/2" and 3/4" NPT. For 1" NPT housings, add 5/16" to height dimensions



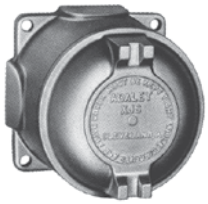
Conduit Size	A	B	C	D	E	F
1/2	3 1/2	2-1/16	2-5/8	1-11/16	7/8	7/8
3/4	3 1/2	2-1/16	2-5/8	1-11/16	7/8	7/8
1	3 1/2	2-3/8	2-5/8	2	1	1

EXPLOSIONPROOF METER HOUSINGS

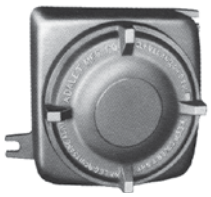
- Drilled and tapped to specification, attach layout sheet.
- Dimensions are nominal internal.



XJDH N4
4 1/8" x 4 1/8" x 3"
Cover Opening 3 3/4"



XJSH N4
(Tapped on side pads only)
4" I.D. x 2 22/32" depth
Cover Opening 4"



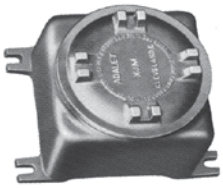
XJLH N4
6" x 6" x 3 9/16"
Cover Opening 5 3/8"

Certifications

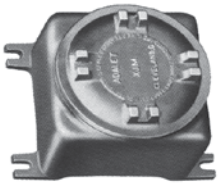
Class I, Groups B,C,D
Class II, Groups E,F,G
Type 4
UL 50
UL 1203
CSA C22.2 No. 25 & 30

XJTH N4
5 13/16" x 6 9/16" x 4"
Cover Opening 5 3/8"

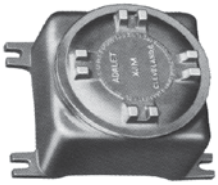
XJXH N4
4 7/8" x 4 7/8" x 3 1/16"
Cover Opening 4 3/4"



XJMH N4
6 3/4" x 6 3/4" x 8"
Cover Opening 7"



XJMAH N4
6 3/4" x 6 3/4" x 5"
Cover Opening 7"

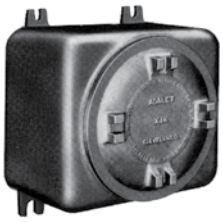


XJMCH N4
6 3/4" x 6 3/4" x 3"
Cover Opening 7"

XJHBH N4
7 1/4" x 9 1/8" x 6"
Cover Opening 7"

XJHCH N4
7 3/4" x 10 5/16" x 5"
Cover Opening 7"

XJKH N4
9 1/2" x 11 1/2" x 6 1/8"
Cover Opening 9"



XJKAH N4
9 1/2" x 11 1/2" x 8 1/8"
Cover Opening 9"

XJNH 6 & 12 N4
11 1/2" x 12 3/4" x 6(12)"
Cover Opening 10 3/4"

XJWTH N4
5 3/8" I.D. x 3 3/4" D
Cover Opening 5 3/8"

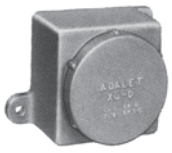
XJWHH N4
6 7/8" I.D. x 4 7/8" D
Cover Opening 6 7/8"

EXPLOSION/FLAMEPROOF METER HOUSINGS

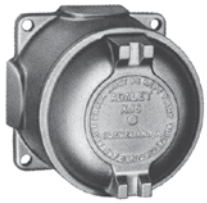
- Drilled and tapped to specification, attach layout sheet.
- Dimensions are internal.

Certifications

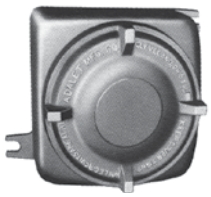
Class I, Groups B,C,D
Class II, Groups E,F,G
Class III
Class I, Zone 1, AEx d IIB+H2
Ex d IIB+H2
0539 ⟨Ex⟩ II 2GD (Optional)*
EEx d IIB+H2 (Optional)*
IP 66
Type 4
UL 1203
CSA C22.2 No. 25 & 30
UL 60079-0/UL 60079-1
CSA 60079-0/CSA 60079-1
ATEX Directive 94/9/EC
EN 50014, EN50018
IEC 60529
UL 50
* Specify ATEX or IECEx if required



XJDHX N4
4 1/8" x 4 1/8" x 3"
Cover Opening 3 3/4"



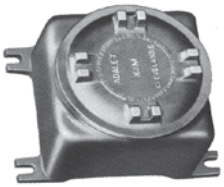
XJSHX N4
(Tapped on side pads only)
4" I.D. x 2 22/32" depth
Cover Opening 4"



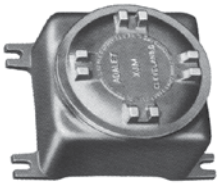
XJLHX N4
6" x 6" x 3 9/16"
Cover Opening 5 3/8"

XJTHX N4
5 13/16" x 6 9/16" x 4"
Cover Opening 5 3/8"

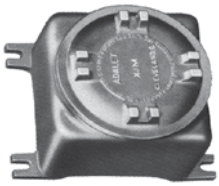
XJXHX N4
4 7/8" x 4 7/8" x 3 1/16"
Cover Opening 4 3/4"



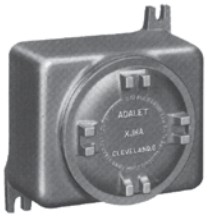
XJMHX N4
6 3/4" x 6 3/4" x 8"
Cover Opening 7"



XJMAHX N4
6 3/4" x 6 3/4" x 5"
Cover Opening 7"



XJMCHX N4
6 3/4" x 6 3/4" x 3"
Cover Opening 7"



XJHAHX N4
7 3/16" x 9 3/16" x 4"
Cover Opening 7"

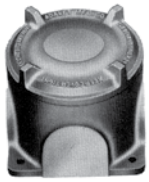
XJHBHX N4
7 1/4" x 9 1/8" x 6"
Cover Opening 7"

XJHCHX N4
7 3/4" x 10 5/16" x 5"
Cover Opening 7"

XJKHX N4
9 1/2" x 11 1/2" x 6 1/8"
Cover Opening 9"

XJKAHX N4
9 1/2" x 11 1/2" x 8 1/8"
Cover Opening 9"

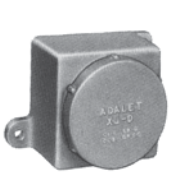
XJNHX 6 & 12 N4
11 1/2" x 12 3/4" x 6(12)"
Cover Opening 10 3/4"



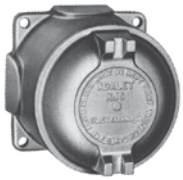
XJWTHX N4
5 3/8" I.D. x 3 3/4" D
Cover Opening 5 3/8"

XJWHHX N4
6 7/8" I.D. x 4 7/8" D
Cover Opening 6 7/8"

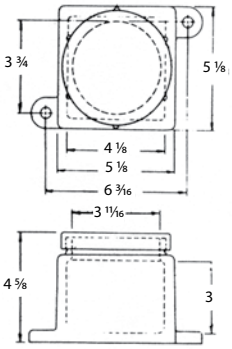
SCREW COVER

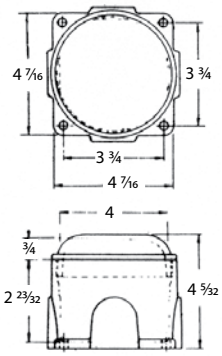


XJDH N4
XJDHX N4



XJSH N4
XJSHX N4





Certifications

Class I, Groups B,C,D
Class II, Groups E,F,G
Type 4
UL 50
UL 1203
CSA C22.2 No. 25 & 30

PRODUCT INFORMATION

Features

• The heavy wall sections of these boxes are thick enough to provide the required five threads for the maximum conduit size as indicated.
• The boxes are drilled and tapped to specification. (A layout sketch should be attached to each order.)

NOMINAL DIMENSIONS							
Catalog Number	Max Conduit Size	Nominal Inside Dimensions			Diameter Cover Opening	Mounting Hole Size	Weight Each Pounds
		W	L	D			
XJDH N4	2	4 1/8	4 1/8	3	3 3/4	7/16	5 1/2
XJDAH N4	2	5 3/4	5 3/4	4 7/8	4 3/16	7/16	11 1/2
XJSH N4*	1	4 dia.	-	2 23/32	4	5/16	2 3/4

*XJS can be tapped on side pads only.

SCREW COVER

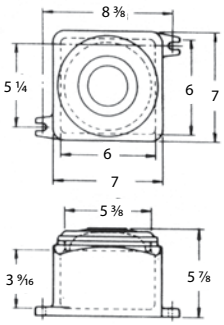
Certifications

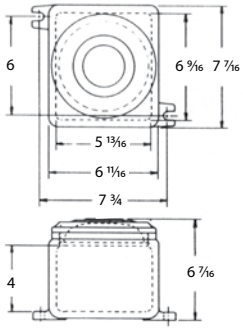
Class I, Groups B,C,D
Class II, Groups E,F,G
Type 4
UL 50
UL 1203
CSA C22.2 No. 25 & 30

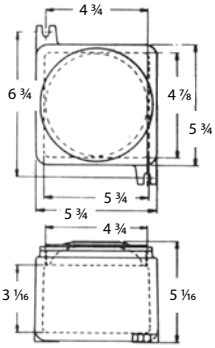
XJLH N4
XJLHX N4

XJTH N4
XJTHX N4

XJXH N4
XJXHX N4







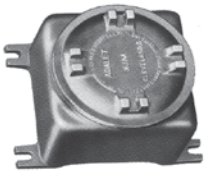
PRODUCT INFORMATION

Features

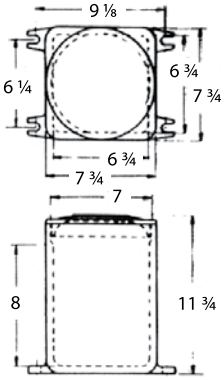
• The heavy wall sections of these boxes are thick enough to provide the required five threads for the maximum conduit size as indicated.
• The boxes are drilled and tapped to specification. (A layout sketch should be attached to each order.)

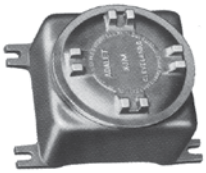
NOMINAL DIMENSIONS							
Catalog Number	Max Conduit Size	Nominal Inside Dimensions			Diameter Cover Opening	Mounting Hole Size	Weight Each Pounds
		W	L	D			
XJLH N4	2	6	6	3 9/16	5 3/8	7/16	9 1/2
XJTH N4	2	5 13/16	6 9/16	4	5 3/8	1/2	11
XJXH N4	2	4 7/8	4 7/8	3 1/16	4 3/4	11/32	6 1/4

SCREW COVER

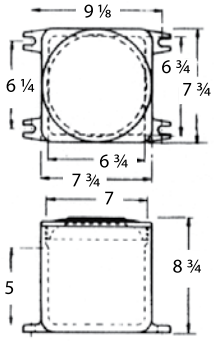


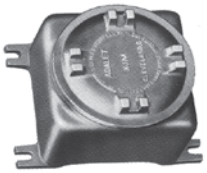
XJMH N4
XJMHX N4



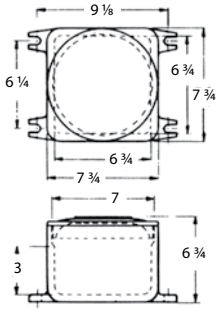


XJMAH N4
XJMAHX N4





XJMCH N4
XJMCHX N4



Certifications

Class I, Groups B,C,D
Class II, Groups E,F,G
Type 4
UL 50
UL 1203
CSA C22.2 No. 25 & 30

PRODUCT INFORMATION

Features

• The heavy wall sections of these boxes are thick enough to provide the required five threads for the maximum conduit size as indicated.
• The boxes are drilled and tapped to specification. (A layout sketch should be attached to each order.)

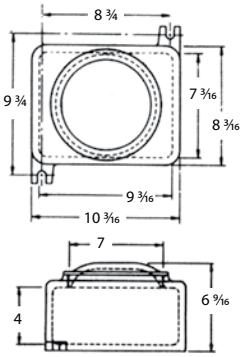
NOMINAL DIMENSIONS							
Catalog Number	Max Conduit Size	Nominal Inside Dimensions			Diameter Cover Opening	Mounting Hole Size	Weight Each Pounds
		W	L	D			
XJMH N4	2	6 3/4	6 3/4	8	7	7/16	21 1/2
XJMAH N4	2	6 3/4	6 3/4	5	7	7/16	16 1/2
XJMCH N4	2	6 3/4	6 3/4	3	7	5/16	14 1/2

SCREW COVER

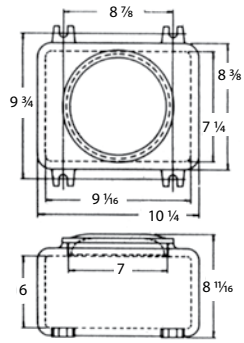
Certifications

Class I, Groups B,C,D
Class II, Groups E,F,G
Type 4
UL 50
UL 1203
CSA C22.2 No. 25 & 30

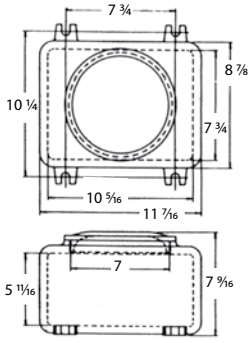
XJHAH N4
XJHAHX N4



XJDH N4
XJDHX N4



XJDH N4
XJDHX N4



PRODUCT INFORMATION

Features

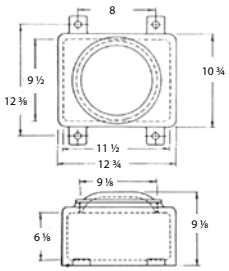
• The heavy wall sections of these boxes are thick enough to provide the required five threads for the maximum conduit size as indicated.
• The boxes are drilled and tapped to specification. (A layout sketch should be attached to each order.)

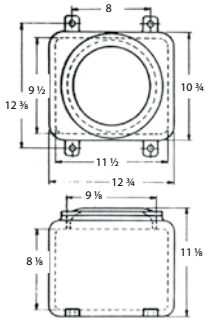
NOMINAL DIMENSIONS							
Catalog Number	Max Conduit Size	Nominal Inside Dimensions			Diameter Cover Opening	Mounting Hole Size	Weight Each Pounds
		W	L	D			
XJHAH N4	2	7 3/16	9 3/16	4	7	9/16	16 1/2
XJHBH N4	2	7 1/4	9 1/8	6	7	9/16	22
XJHCH N4	2	7 3/4	10 5/16	5	7	9/16	18

SCREW COVER

XJKH N4
XJKHX N4

XJKAH N4
XJKAHX N4





Certifications

Class I, Groups B,C,D
Class II, Groups E,F,G
Type 4
UL 50
UL 1203
CSA C22.2 No. 25 & 30

PRODUCT INFORMATION

Features

• The heavy wall sections of these boxes are thick enough to provide the required five threads for the maximum conduit size as indicated.
• The boxes are drilled and tapped to specification. (A layout sketch should be attached to each order.)

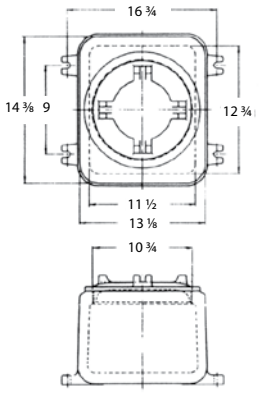
NOMINAL DIMENSIONS							
Catalog Number	Max Conduit Size	Nominal Inside Dimensions			Diameter Cover Opening	Mounting Hole Size	Weight Each Pounds
		W	L	D			
XJKH N4	3	9 1/2	11 1/2	6 1/8	9	9/16	40
XJKAH N4	3	9 1/2	11 1/2	8 1/8	9	9/16	44

SCREW COVER

Certifications

Class I, Groups B,C,D
Class II, Groups E,F,G
Type 4
UL 50
UL 1203
CSA C22.2 No. 25 & 30

XJNH N4
XJNHX N4



PRODUCT INFORMATION

Features

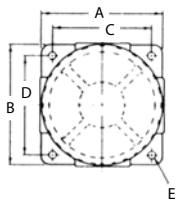
- The heavy wall sections of these boxes are thick enough to provide the required five threads for the maximum conduit size as indicated.
- A large cover opening enhances mounting pan installation.
- Two depths available for a wider selection of efficient component packaging
- The boxes are drilled and tapped to specification. (A layout sketch should be attached to each order.)

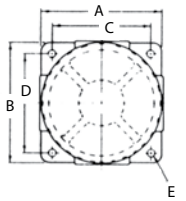
NOMINAL DIMENSIONS								
Catalog Number	Max Conduit Size	Nominal Inside Dimensions			Diameter Cover Opening	Mounting Hole Size	Weight Each Pounds	Overall Height
		W	L	D				
XJNH 6	4	11 1/2	12 3/4	6	10 3/4	5/8	61	9 13/16
XJNH 12	4	11 1/2	12 3/4	12	10 3/4	5/8	85	13 5/16

SCREW COVER

XJWHH N4
XJWHHX N4

XJWTH N4
XJWTHX N4





Certifications

Class I, Groups B,C,D
Class II, Groups E,F,G
Type 4
UL 50
UL 1203
CSA C22.2 No. 25 & 30

Features

• The heavy wall sections of these boxes are thick enough to provide the required five threads for the maximum size as indicated.
• The boxes are drilled and tapped to specification. (A layout sketch should be attached to each order.)

PRODUCT INFORMATION

NOMINAL DIMENSIONS (inches)						
Catalog Number	Max Conduit Size	Nominal Inside Dimensions		Diameter Cover Opening	Mounting Hole Size	Weight Each (lbs)
		Dia.	D			
XJWHH N4	2 1/2	6 7/8	4 7/8	6 7/8	7/16	8 1/2
XJWTH N4	2	5 3/8	3 3/4	5 3/8	3/8	7 1/2

NOMINAL DIMENSIONS (inches)										
Catalog Number	A	B	C	D	E	F	G	H	J	K
XJWHH N4	7 3/4	7 3/4	6 3/8	6 3/8	7/16	5 5/8	4 9/16	1 13/16	1 3/4	7 7/8
XJWTH N4	6 1/4	6 1/4	5 1/8	5 1/8	3/8	5 1/8	4	1 1/2	1 7/16	6 3/8

EXPLOSIONPROOF METER HOUSINGS

- Drilled and tapped to specification, attach layout sheet.
- Dimensions are internal.

Certifications
Class I, Groups B,C,D
Class II, Groups E,F,G
Type 4
UL 50
UL 1203
CSA C22.2 No. 25 & 30

XJDGCH N4
XJDFGCH N4
4 1/8" x 4 1/8" X 3"

XJMCGCH N4
6 3/4" x 6 3/4" x 3"

XJTGCH N4
XJTFGCH N4
5 13/16" x 6 9/16" x 4"

XJMGCH N4
6 3/4" x 6 3/4" x 8"

XJMAGCH N4
6 3/4" x 6 3/4" x 5"

XJXGCH N4
4 7/8" x 4 7/8" x 3 1/16"

XJLGCH N4
6" X 6" x 3 9/16"

XJNGCH N4, 6 & 12
11 1/2" x 12 3/4" x 6"
11 1/2" x 12 3/4" x 12 1/8"

XJHAGCH N4
7 3/16" x 9 3/16" x 4"

XJHBGCH N4
7 1/4" x 9 1/8" x 6"

XJHCGCH N4
7 3/4' x 10 5/16" x 5"

XJKGCH N4
9 1/5" x 11 1/2" x 6 1/8"

XJKAGCH N4
9 1/2" x 11 1/2" x 8 1/2"

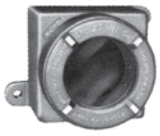
XJWHGCH N4
6 7/8" I.D. x 4 1/4"
Cover Opening 6 7/8""

XJWTGCH N4
5 3/8" I.D. x 3 3/4"
Cover Opening 5 3/8"

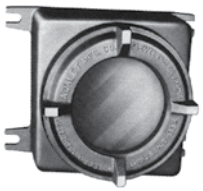
WINDOW COVER

EXPLOSIONPROOF METER HOUSINGS

- Drilled and tapped to specification, attach layout sheet.
- Dimensions are nominal internal.

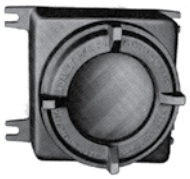


XJDGCHX N4
XJDFGCHX N4
4 1/8" x 4 1/8" x 3"

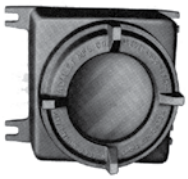


XJMCGCHX N4
6 3/4" x 6 3/4" x 3"

XJTGCHX N4
XJTFGCHX N4
5 13/16" x 6 9/16" x 4"



XJMGCHX N4
6 3/4" x 6 3/4" x 8"



XJMAGCHX N4
6 3/4" x 6 3/4" x 5"

XJXGCHX N4
4 7/8" x 4 7/8" x 3 1/16"

Certifications

Class I, Groups B,C,D
Class II, Groups E,F,G
Class III
Class I, Zone 1, AEx d IIB+H2
Ex d IIB+H2
0539 ⟨Ex⟩ II 2GD (Optional)*
EEx d IIB+H2 (Optional)*
IP 66
Type 4
UL 1203
CSA C22.2 No. 25 & 30
UL 60079-0/UL 60079-1
CSA 60079-0/CSA 60079-1
ATEX Directive 94/9/EC
EN 50014, EN50018
IEC 60529
UL 50
* Specify ATEX or IECEx if required

XJLGCHX N4
6" x 6" x 3 9/16"

XJNGCHX N4, 6 & 12
11 1/2" x 12 3/4" x 6"
11 1/2" x 12 3/4" x 12 1/8"

XJHAGCHX N4
7 3/16" x 9 3/16" x 4"

XJHBGCHX N4
7 1/4" x 9 1/8" x 6"

XJHCGCHX N4
7 3/4' x 10 5/16" x 5"

XJKGCHX N4
9 1/5" x 11 1/2" x 6 1/8"

XJKAGCHX N4
9 1/2" x 11 1/2" x 8 1/2"

XJWHGCHX N4
6 7/8" I.D. x 4 1/4"
Cover Opening 6 7/8""

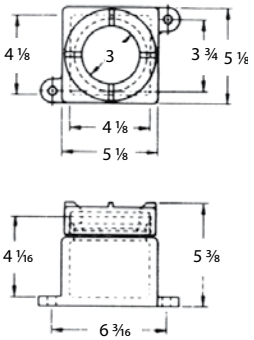
XJWTGCHX N4
5 3/8" I.D. x 3 3/4"
Cover Opening 5 3/8"

WINDOW COVER

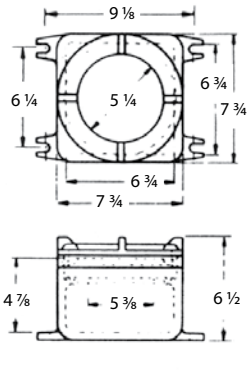
Certifications

Class I, Groups B,C,D
Class II, Groups E,F,G
Type 4
UL 50
UL 1203
CSA C22.2 No. 25 & 30

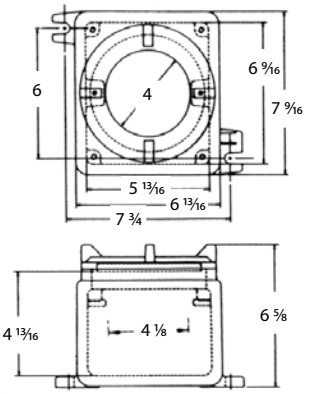
XJDFGCH N4
XJDFGCHX N4



XJMCGCH N4
XJMCGCHX N4



XJTFGCH N4
XJTFGCHX N4



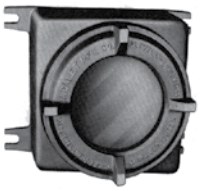
PRODUCT INFORMATION

Features

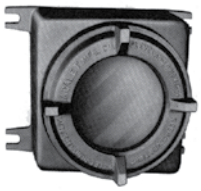
- Copper-free aluminum casting designed for specific size instruments and meters.
- XJDFGCH: Designed for the mounting of 31/2" round instruments and meters. Furnished with an integrally cast inside mounting flange. Also available without the flange as the Type XJDGC(X), for equipment other than 3 1/2" round instruments and meters.
- XJTFGCH: Designed for 4 1/2" round and 3 1/2" rectangular meters. Furnished with cast inside mounting ears and adapter plate for meter mounting.
- Optional mounting pans available.

NOMINAL DIMENSIONS									
Catalog Number	Max Conduit Size	Nominal Inside Dimensions			Dims Under Glass	Throat Opening	Max Meter Face Dia.	Mounting Hole Size	Weight Each (lbs.)
		W	L	D					
XJDFGCH N4	2	4 1/8	4 1/8	3	4 1/16	2 7/8	3 1/2	7/16	6
XJDGCH N4	2	4 1/8	4 1/8	3	4 1/16	3 3/4	3 1/2	7/16	6
XJMCGCH N4	2	6 3/4	6 3/4	3	4 5/8	7	5 1/4	7/16	17
XJTFGCH N4	2	5 13/16	6 9/16	4	4 11/16	5 3/8	4 1/2	1/2	13

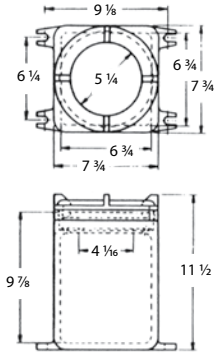
WINDOW COVER

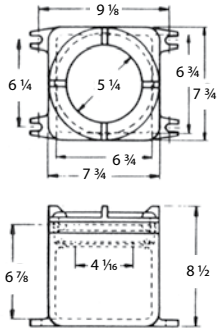


XJMGCH N4
XJMGCHX N4



XJMAGCH N4
XJMAGCHX N4





Certifications

Class I, Groups B,C,D
Class II, Groups E,F,G
Type 4
UL 50
UL 1203
CSA C22.2 No. 25 & 30

PRODUCT INFORMATION

Features

- Copper-free aluminum casting designed for specific size instruments and meters.
- Optional mounting pans available.

NOMINAL DIMENSIONS									
Catalog Number	Max Conduit Size	Nominal Inside Dimensions			Dims Under Glass	Throat Opening	Max Meter Face Dia.	Mounting Hole Size	Weight Each (lbs.)
		W	L	D					
XJMGCH N4	2	6 3/4	6 3/4	8	9 7/8	5 3/8	5 1/4	7/16	22
XJMAGCH N4	2	6 3/4	6 3/4	5	6 7/8	5 3/8	5 1/4	7/16	19

WINDOW COVER

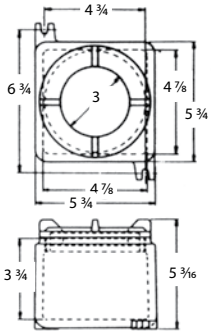
Certifications

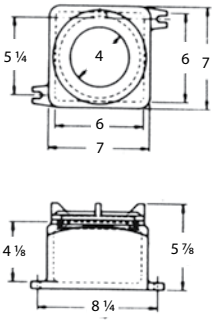
Class I, Groups B,C,D
Class II, Groups E,F,G
Type 4
UL 50
UL 1203
CSA C22.2 No. 25 & 30

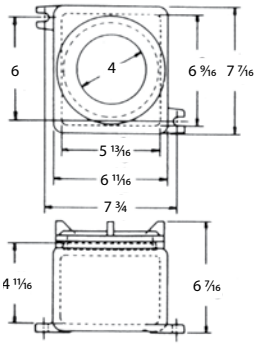
XJXGCH N4
XJXGCHX N4

XJLGCH N4
XJLGCHX N4

XJTGCH N4
XJTGCHX N4







PRODUCT INFORMATION

Features

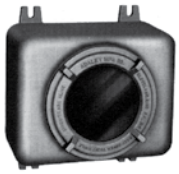
- Copper-free aluminum casting.
- This series of housings with glass windows are suitable for mounting relays and control equipment as well as meters and instruments.
- The wall section of the housings are of sufficient thickness to provide the required (5) full threads for conduit entrances as listed.
- The housings are stocked blank and can be drilled and tapped to your specifications. (A layout sketch should accompany the order.)
- Mounting posts, rings, studs and other accessories can be furnished.
- Optional mounting pans available.

NOMINAL DIMENSIONS								
Catalog Number	Max Conduit Size	Nominal Inside Dimensions			Cover Opening	Window Opening	Mounting Hole Size	Weight Each (lbs.)
		W	L	D				
XJXGCH N4	2	4 7/8	4 7/8	3 1/16	3 3/4	4 3/4	11/32	6 1/2
XJLGCH N4	2	6	6	3 9/16	4 1/8	5 3/8	7/16	11
XJTGCH N4	2	5 13/16	6 9/16	4	4 11/16	5 3/8	1/2	13

WINDOW COVER

XJHAGCH N4
XJHAGCHX N4

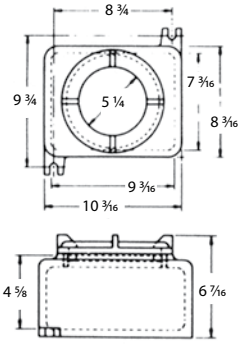
XJHBGCH N4
XJHBGCHX N4

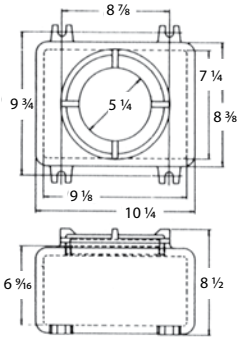


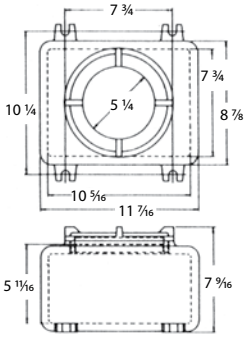
XJHCGCH N4
XJHCGCHX N4

Certifications

Class I, Groups B,C,D
Class II, Groups E,F,G
Type 4
UL 50
UL 1203
CSA C22.2 No. 25 & 30







PRODUCT INFORMATION

Features

- Copper-free aluminum casting.
- This series of housings with glass windows are suitable for mounting relays and control equipment as well as meters and instruments.
- The wall section of the housings are of sufficient thickness to provide the required (5) full threads for conduit entrances as listed.
- The housings are stocked blank and can be drilled and tapped to your specifications. (A layout sketch should accompany the order.)
- Mounting posts, rings, studs and other accessories can be furnished.
- Optional mounting pans available.

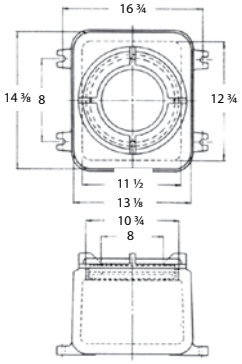
NOMINAL DIMENSIONS								
Catalog Number	Max Conduit Size	Nominal Inside Dimensions W	L	D	Dims Under Glass	Dia. Cover Opening	Mounting Hole Size	Weight Each (lbs.)
XJHAGCH N4	2	7 3/16	9 3/16	4	4 5/8	7	9/16	17
XJHBGCH N4	2	7 1/4	9 1/8	6	6 9/16	7	9/16	23
XJHCGCH N4	2	7 3/4	10 5/16	5	5 11/16	7	9/16	23

WINDOW COVER

Certifications

Class I, Groups B,C,D
Class II, Groups E,F,G
Type 4
UL 50
UL 1203
CSA C22.2 No. 25 & 30

XJNGCH N4
XJNGCHX N4



PRODUCT INFORMATION

Features

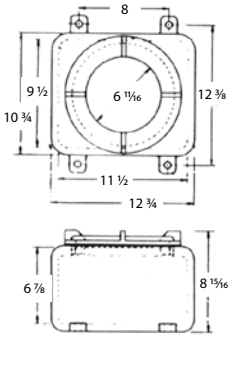
- Copper-free aluminum casting.
- Large cover opening enhances mounting pan installation.
- Availability of two depths offers a selection for efficient packaging of components.
- Suitable for mounting relays and control equipment as well as meters and instruments.
- The wall section of the housings are of sufficient thickness to provide the required (5) full threads for conduit entrances as listed.
- The boxes are drilled and tapped to specification. (A layout sketch should be attached to each order.)
- Mounting posts, rings, studs and other accessories can be furnished.
- Optional mounting pans available.

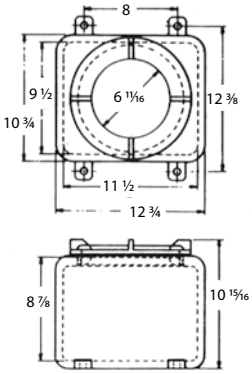
NOMINAL DIMENSIONS									
Catalog Number	Max Conduit Size	Nominal Inside Dimensions			Overall Height	Cover Opening Size	Window Opening	Mounting Hole Size	Weight Each (lbs.)
		W	L	D					
XJNGCH6 N4	2	11 1/2	12 3/4	6	9 13/16	10 3/4	8	5/8	63
XJNGCH12 N4	2	11 1/2	12 3/4	12 1/8	15 15/16	10 3/4	8	5/8	87

WINDOW COVER

XJKGCH N4
XJKGCHX N4

XJKAGCH N4
XJKAGCHX N4





Certifications

Class I, Groups B,C,D
Class II, Groups E,F,G
Type 4
UL 50
UL 1203
CSA C22.2 No. 25 & 30

PRODUCT INFORMATION

Features

- Copper-free aluminum casting.
- This series of housings with glass windows are suitable for mounting relays and control equipment as well as meters and instruments.
- The wall section of the housings are of sufficient thickness to provide the required (5) full threads for conduit entrances as listed.
- The housings are stocked blank and can be drilled and tapped to your specifications. (A layout sketch should accompany the order.)
- Mounting posts, rings, studs and other accessories can be furnished.
- Optional mounting pans available.

NOMINAL DIMENSIONS								
Catalog Number	Max Conduit Size	Nominal Inside Dimensions W	L	D	Dims Under Glass	Dia. Cover Opening	Mounting Hole Size	Weight Each (lbs.)
XJKGCH N4	4	9 1/2	11 1/2	6 1/8	6 7/8	9	9/16	39 1/2
XJKAGCH N4	4	9 1/2	11 1/2	8 1/2	8 7/8	9	9/16	43 1/2

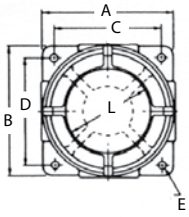
WINDOW COVER

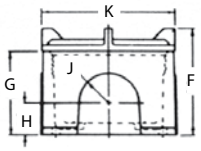
Certifications

Class I, Groups B,C,D
Class II, Groups E,F,G
Type 4
UL 50
UL 1203
CSA C22.2 No. 25 & 30

XJWHGCH N4
XJWHGCHX N4

XJWTGCH N4
XJWTGCHX N4





PRODUCT INFORMATION

Features

- Copper-free aluminum casting.
- This series of housings with glass windows are suitable for mounting relays and control equipment as well as meters and instruments.
- The wall section of the housings are of sufficient thickness to provide the required (5) full threads for conduit entrances as listed.
- The housings are stocked blank and can be drilled and tapped to your specifications. (A layout sketch should accompany the order.)
- Mounting posts, rings, studs and other accessories can be furnished.
- Optional mounting pans available.

NOMINAL DIMENSIONS (inches)

Catalog Number	Max Conduit Size	Nominal Inside Dimensions		Diameter Cover Opening	Mounting Hole Size	Weight Each (lbs)
		Dia.	D			
XJWHGCH N4	2 1/2	6 7/8	4 1/4	6 7/8	7/16	9
XJWTGCH N4	2	5 3/8	3 3/4	5 3/8	3/8	8

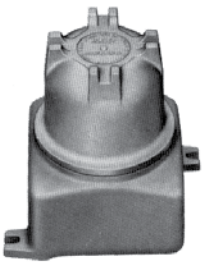
NOMINAL DIMENSIONS (inches)

Catalog Number	A	B	C	D	E	F	G	H	J	K	L
XJWHGCH N4	7 3/4	7 3/4	6 3/8	6 3/8	7/16	5 5/8	4 9/16	1 13/16	1 3/4	7 7/8	5 1/4
XJWTGCH N4	6 1/4	6 1/4	5 1/8	5 1/8	3/8	5 1/8	4	1 1/2	1 7/16	6 3/8	4

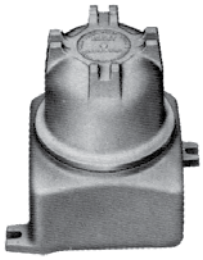
DOME COVER

EXPLOSIONPROOF METER HOUSINGS

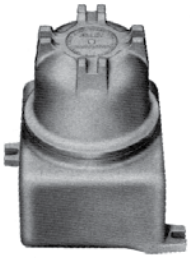
• Dimensions are nominal internal.



XJLD N4



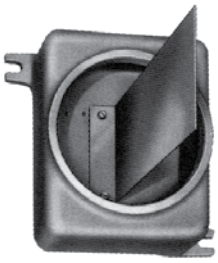
XJTD N4



XJHAD N4

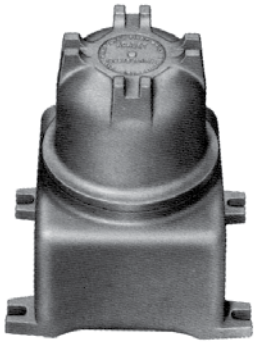
Certifications

Class I, Groups C,D
Class II, Groups E,F,G
Type 4
UL 50
UL 886
CSA C22.2 No. 25 & 30

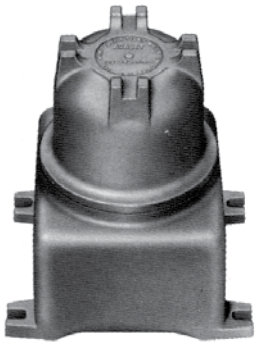


XJHAD N4
Without cover to show optional mounting bracket

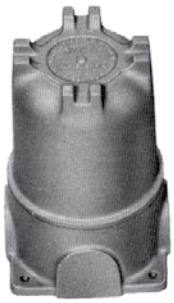
XJHCD N4



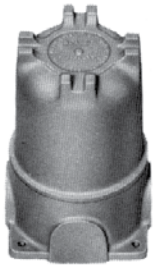
XJKD N4



XJKAD N4



XJWT N4



XJWT_N4

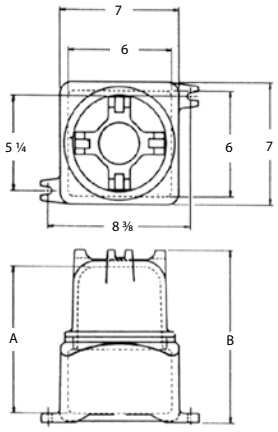
XJWH N4

DOME COVER

Certifications

Class I, Groups C,D
Class II, Groups E,F,G
Type 4
UL 50
UL 886
CSA C22.2 No. 25 & 30

XJLD4 N4



PRODUCT INFORMATION

Features

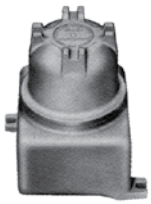
• This group of housings is designed for enclosing relays, contactors and terminal strips. They are also suitable for accommodating splices of heavy conductors.

• When used for splicing, the conductors may be pulled in with the ends extending out beyond the cover opening, making them accessible for splicing. When splices are completed, they need not be crowded back into the body but can be protected with the dome cover assembled to the housing.

• Optional mounting pans available-consult factory.

NOMINAL DIMENSIONS									
Catalog Number	Max Conduit Size	Nominal Inside Dimensions W	L	D	Inside Dome A	Overall Height B	Dia. Cover Opening	Mounting Hole Size	Weight Each (lbs.)
XJLD4 N4	2	6	6	3 1/2	8 9/16	9 13/16	5 3/8	7/16	12

DOME COVER



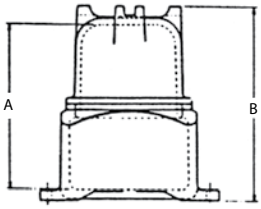
XJHAD6 N4

XJHAD N4

Without cover to show optional mounting bracket

Certifications

Class I, Groups C,D
Class II, Groups E,F,G
Type 4
UL 50
UL 886
CSA C22.2 No. 25 & 30



TYPICAL DIMENSIONS

PRODUCT INFORMATION

Features

• This group of housings is designed for enclosing relays, contactors and terminal strips. They are also suitable for accommodating splices of heavy conductors.

• When used for splicing, the conductors may be pulled in with the ends extending out beyond the cover opening, making them accessible for splicing.

• When splices are completed, they need not be crowded back into the body but can be protected with the dome cover assembled to the housing.

• Optional mounting pans available-consult factory.

NOMINAL DIMENSIONS

Catalog Number	Max Conduit Size	Nominal Inside Dimensions W	L	D	Overall Height	Cover Opening Size	Window Opening	Mounting Hole Size	Weight Each (lbs.)
XJHAD6 N4	2	7 3/16	9 3/16	4	10 3/4	12 1/4	7	9/16	22 3/4

DOME COVER

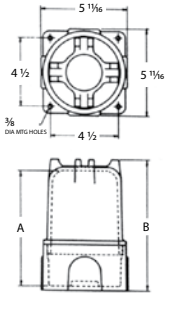
Certifications

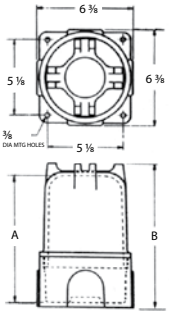
Class I, Groups C,D
Class II, Groups E,F,G
Type 4
UL 50
UL 886
CSA C22.2 No. 25 & 30

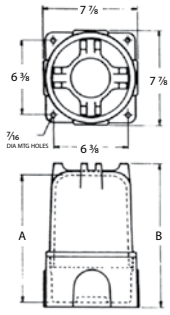
XJW3 N4

XJWT_ N4

XJWH6 N4







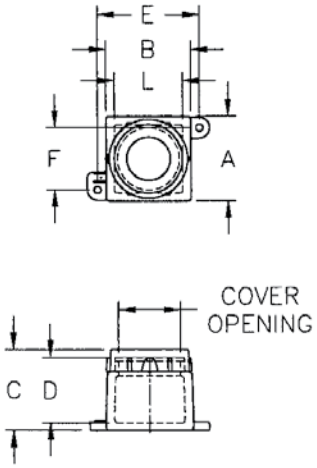
PRODUCT INFORMATION

Features

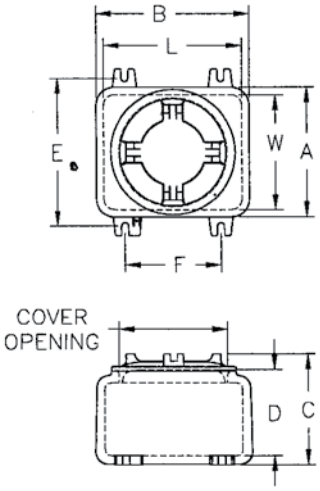
• This housing is designed for splicing conductors. The dome cover allows the conductors to be pulled in and leave the ends extended for easy splicing.
• When splices are completed, they need not be crowed back into the body.
• These housings are also suitable for mounting transfer switches and other equipment for panel mounted applications.
• The housings have four (4) external pads located 90° apart and have a boss on the inside center of back.
• The pads can be drilled and tapped for holes as listed below.

NOMINAL DIMENSIONS								
Catalog Number	Max Conduit Size	Box Inside Dimensions Dia.	D	Inside Dome A	Overall Height B	Dia. Cover Opening	Mounting Hole Size	Weight Each (lbs.)
XJW3 N4	1 1/4	4 13/16	2 3/4	5 5/8	6 5/8	4 13/16	5/16	4 3/4
XJWT4 N4	2	5 3/8	3 3/4	7 7/8	8 5/8	5 3/8	3/8	6 3/4
XJWT6 N4	2	5 3/8	3 3/4	9 7/8	8 5/8	5 3/8	3/8	7
XJWH6 N4	2	6 7/8	4 1/4	10 1/4	11 7/16	6 7/8	7/16	15

THREADED COVER

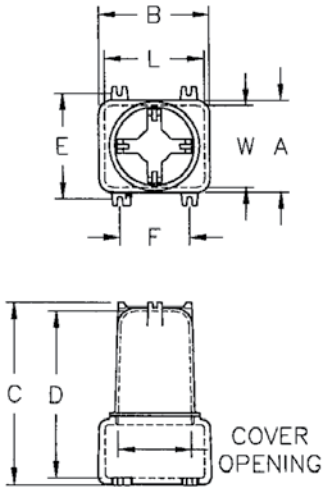


XJHAD6 N4

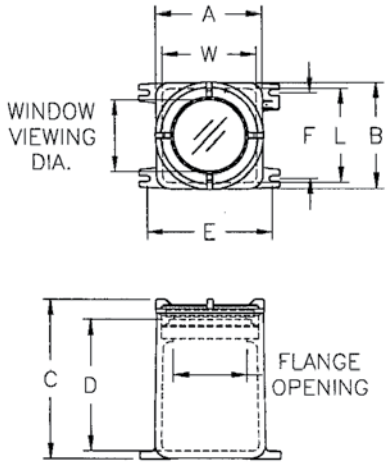


XJHAD6 N4

(D is to underside of cover)



XJHAD6 N4



XJHAD6 N4

(D is to glass retaining ring)

THREADED COVER

NOMINAL DIMENSIONS														
Box Size	Box Inside Dimensions			Overall Dimensions			Mounting CL to CL		Cover Opening Dia.	Window Viewing Dia.	Flange Opening Dia.	Max. Conduit Size Dia.	Mount Bolt Size	Ship Weight (lbs.)
	W	L	D	A	B	C	E	F						
XJDH N4	4 1/8	4 1/8	3 7/8	5 5/16	5 5/16	4 7/8	6 3/16	3 3/4	3 3/4	-	-	2	3/8	5 3/4
XJDGCH N4	4 1/8	4 1/8	4 1/16	5 5/16	5 5/16	5 9/16	6 3/16	3 3/4	3 3/4	3	-	2	3/8	5
XJDFGCH N4**	4 1/8	4 1/8	4 1/16	5 5/16	5 5/16	5 9/16	6 3/16	3 3/4	2 7/8	3	2 3/4	2	3/8	6
XJSH N4	4 dia.	-	3 3/8	4 7/8	4 7/8	4 1/2	3 3/4	3 3/4	4	-	-	1	1/4	3
XJLH N4	6	6	4 7/8	7	7	6 1/8	8 3/8	5 1/4	5 3/8	-	-	2	3/8	11
XJLD4 N4	6	6	8 9/16	7	7	9 7/8	8 3/8	5 1/4	5 3/8	-	-	2	3/8	12
XJLGCH N4	6	6	3 7/8	7	7	6 3/16	8 3/8	5 1/4	5 3/8	4	-	2	3/8	11
XJTH N4	5 13/16	6 9/16	5 7/16	6 13/16	7 9/16	6 5/8	7 3/4	6	5 3/8	-	-	2	7/16	12 3/4
XJTGCH N4	5 13/16	6 9/16	4 5/16	6 13/16	7 9/16	6 5/8	7 3/4	6	5 3/8	4	-	2	7/16	12 3/4
XJTFGCH N4**	5 13/16	6 9/16	4 5/16	6 13/16	7 9/16	6 5/8	7 3/4	6	5 3/8	4	4 1/8	2	7/16	13
XJXH N4	4 3/4	4 3/4	4 3/16	5 3/4	5 3/4	5 1/2	6 3/4	4 3/4	4 5/8	-	-	2	1/4	7
XJXGCH N4	4 3/4	4 3/4	3 5/16	5 3/4	5 3/4	5 3/8	6 3/4	4 3/4	4 5/8	3	-	2	1/4	7
XJMH N4	6 3/4	6 3/4	10 3/16	7 3/4	7 3/4	11 11/16	9 1/8	6 1/4	7	-	-	2	3/8	22 1/2
XJMGCH N4**	6 3/4	6 3/4	9 1/8	7 3/4	7 3/4	11 1/2	9 1/8	6 1/4	7	5 1/4	5 3/8	2	3/8	22 1/2
XJMAH N4	6 13/16	6 13/16	7 3/16	7 13/16	7 13/16	8 11/16	9 1/8	6 1/4	7	-	-	2	3/8	17
XJMAGCH N4**	6 13/16	6 13/16	6 1/8	7 13/16	7 13/16	8 1/2	9 1/8	6 1/4	7	5 1/4	5 1/4	2	3/8	17
XJMCH N4	6 3/4	6 3/4	5 3/16	7 13/16	7 13/16	6 11/16	9 1/8	6 1/4	7	-	-	2	3/8	13 1/2
XJMCGCH N4**	6 3/4	6 3/4	4 1/8	7 13/16	7 13/16	6 1/2	9 1/8	6 1/4	7	5 1/4	5 3/8	2	3/8	13 3/4
XJHAH N4	7 3/16	9 3/16	5 1/4	8 3/16	10 3/16	6 3/4	9 3/4	8 3/4	7	-	-	2	1/2	16 1/2
XJHAGCH N4	7 3/16	9 3/16	4 3/16	8 3/16	10 3/16	6 9/16	9 3/4	8 3/4	7	5 1/4	-	2	1/2	16 1/2
XJHBH N4	7 1/4	9 1/8	7 1/4	8 3/8	10 1/4	8 13/16	9 3/4	8 7/8	7	-	-	2	1/2	22
XJHBGCH N4	7 1/4	9 1/8	6 3/16	8 3/8	10 1/4	8 9/16	9 3/4	8 7/8	7	5 1/4	-	2	1/2	22
XJHCH N4	7 3/4	10 5/16	6 3/16	8 7/8	11 7/16	7 3/4	10 1/4	7 3/4	7	-	-	2	1/2	23 1/2
XJHCGCH N4	7 3/4	10 5/16	5 1/8	8 7/8	11 7/16	7 9/16	10 1/4	7 3/4	7	5 1/4	-	2	1/2	23 1/2
XJKH N4	9 1/2	11 1/2	7 1/4	10 3/4	12 3/4	9 1/4	12 1/4	8	9	-	-	3	1/2	39 1/4
XJKGCH N4	9 1/2	11 1/2	6 3/16	10 3/4	12 3/4	9 1/16	12 1/4	8	9	6 11/16	-	3	1/2	39 1/4
XJKAH N4	9 1/2	11 1/2	9 1/8	10 3/4	12 3/4	11 3/16	12 3/8	8	9	-	-	3	1/2	45 3/4
XJKAGCH N4	9 1/2	11 1/2	8 1/16	10 3/4	12 3/4	11	12 3/8	8	9	6 11/16	-	3	1/2	45 3/4
XJN6H N4	11 1/2	12 3/4	7 7/16	13 3/8	14 5/8	9 13/16	15 3/8	9	10 11/16	-	-	4	1/2	60 1/2
XJN12 N4	11 1/2	12 3/4	13 9/16	13 9/16	14 13/16	15 15/16	15 3/8	9	10 11/16	-	-	4	1/2	87 1/2
XJNGC6 N4	11 1/2	12 3/4	6 3/16	13 3/8	14 5/8	9 7/8	15 3/8	9	10 11/16	8	-	2	1/2	60 1/2
XJNGC12 N4	11 1/2	12 3/4	12 5/16	13 9/16	14 13/16	16	15 3/8	9	10 11/16	8	-	2	1/2	87 1/2
XJWHH N4	6 5/8 dia	-	4 3/8	7 15/16	7 15/16	5 15/16	6 3/8	6 3/8	7	-	-	2	3/8	11 1/2
XJWH6 N4	6 5/8 dia	-	10 1/8	7 15/16	7 15/16	11 5/8	6 3/8	6 3/8	7	-	-	2	3/8	14 3/4
XJWHGCH N4	6 5/8 dia	-	3 5/16	7 15/16	7 15/16	5 3/4	6 3/8	6 3/8	7	5 1/4	-	2	3/8	11 1/2
XJW3 N4	4 7/8 dia	-	5 5/16	5 11/16	5 11/16	6 7/8	4 1/2	4 1/2	4 7/8	-	-	1 1/4	1/4	5
XJWTH N4	5 3/8 dia	-	3 13/16	6 3/8	6 3/8	5 1/8	5 1/8	5 1/8	5 3/8	-	-	2	5/16	8
XJWT4 N4	5 3/8 dia	-	7 9/16	6 3/8	6 3/8	8 7/8	5 1/8	5 1/8	5 3/8	-	-	2	5/16	9
XJWT6 N4	5 3/8 dia	-	9 1/16	6 3/8	6 3/8	10 3/8	5 1/8	5 1/8	5 3/8	-	-	2	5/16	9 1/2
XJWTGCH N4	5 3/8 dia	-	2 15/16	6 3/8	6 3/8	5 1/8	5 1/8	5 1/8	5 3/8	4	-	2	5/16	8
XJHAD6 N4	7 3/16	9 3/16	11	8 3/16	10 3/16	12 7/16	9 3/4	8 3/4	7	-	-	2	1/2	19 3/4

Note: Suffix H and HX enclosure types are dimensionally identical.

**Includes built-in meter mounting provisions; call factory for details.

GUIDELINES

DRILLING AND TAPPING GUIDELINES

When drilling & tapping enclosures for conduit, proper installation requires compliance with the following:

- Must be tapped with at least 5 full NPT threads in enclosure back or sides only; min. 1/2" conduit size for UL.
- Tapping depth of NPT holes must be plus 1/2 turn min. to plus 1-1/2 turns max. past standard NPT plug gage notch.
- Inner end of conduit openings shall be smooth and well-rounded.
- A minimum of (7) thread engagement, class 2 fit, required for Div. 1 Group B applications.
- Tumblast surface preparation for uniform, natural, aluminum finish

MINIMUM DISTANCE FROM CONDUIT/CABLE CENTER TO EDGE OF FLAT AREA												
Size NPT (Metric)	5	4	3 1/2	3 (M75)	2 1/2 (M63)	2 (M50)	1 1/2 (M40)	1 1/4 (M32)	1 (M25)	3/4 (M20)	1/2 (M16)	1/4 - 3/8
	2 13/16	2 1/4	2	1 3/4	1 7/16	1 3/16	1	7/8	11/16	9/16	1/2	1/2

MINIMUM DISTANCE FROM AUXILIARY DEVICE CENTER TO EDGE OF FLAT AREA												
Size NPT (Metric)	5	4	3 1/2	3 (M75)	2 1/2 (M63)	2 (M50)	1 1/2 (M40)	1 1/4 (M32)	1 (M25)	3/4 (M20)	1/2 (M16)	1/4 - 3/8
	2 13/16	2 1/4	2	1 3/4	1 7/16	1 3/16	1	7/8	11/16	9/16	1/2	1/2

MINIMUM DISTANCE FROM AUXILIARY DEVICE CENTER TO EDGE OF FLAT AREA												
Size NPT (Metric)	5	4	3 1/2	3 (M75)	2 1/2 (M63)	2 (M50)	1 1/2 (M40)	1 1/4 (M32)	1 (M25)	3/4 (M20)	1/2 (M16)	1/4 - 3/8
1/16 - 3/8	4 3/8	3 5/8	3 5/8	3	2 5/8	2 3/8	2	1 7/8	1 5/8	1 3/8	1 1/4	1 1/8
1/3 (M16)	4 3/8	3 5/8	3 3/8	3	2 5/8	2 3/8	2	1 7/8	1 5/8	1 3/8	1 1/4	-
3/4 (M20)	4 1/2	3 3/4	3 1/2	3 1/8	2 3/4	2 1/2	2 1/8	2	1 3/4	1 1/2	-	-
1 (M25)	4 5/8	3 7/8	3 5/8	3 1/4	2 7/8	2 3/4	2 1/4	2 1/8	1 7/8	-	-	-
1 1/4 (M32)	4 7/8	4 1/8	3 7/8	3 1/2	3 1/8	2 7/8	2 1/2	2 3/8	-	-	-	-
1 1/2 (M40)	5	4 1/4	4	3 5/8	3 1/4	3	2 5/8	-	-	-	-	-
2 (M50)	5 3/8	4 3/4	4 1/2	4	3 5/8	3 3/8	-	-	-	-	-	-
2 1/2 (M63)	5 1/2	4 7/8	4 5/8	4 1/4	3 7/8	-	-	-	-	-	-	-
3 (M75)	5 7/8	5 1/4	5	4 5/8	-	-	-	-	-	-	-	-
3 1/2	6 1/4	5 3/4	5 1/2	-	-	-	-	-	-	-	-	-
4	6 7/8	6	-	-	-	-	-	-	-	-	-	-
5	7 3/8	-	-	-	-	-	-	-	-	-	-	-

Double all distances for conduit entries in backwall.

Note:
1. This information is compiled from data which we believe is reliable and is given in good faith. Since the methods of application and conditions under which our products are used are beyond our control, we are not able to guarantee the application and/or use of same. The user assumes all risks and liability in connection with the application and use of our products.
2. All dimensions are in inches.

DRILLING AND TAPPING GUIDELINES

When drilling & tapping enclosures for conduit, proper installation requires compliance with the following:

• Consult factory for extensive machining options, i.e. mounting of operators, thread type and size thru wall, mounting pans.
• Layout data sheets available.

MINIMUM DISTANCE BETWEEN CENTERS OF AUXILIARY DEVICES AND CONDUIT ENTRIES

Size	5 NPSM	4 NPSM	3 1/2 NPSM	3 NPSM	2 1/2 NPSM	2 NPSM	1 1/2 NPSM	1 1/4 NPSM	1 NPSM	1/2 -3/4 NPSM	1/4-3/8 NPSM	1/4-1 UN
1/4 - 3/8	4 3/8	3 5/8	3 5/8	3	2 5/8	2 3/8	2	1 7/8	1 5/8	1 3/8	1 1/4	1 1/8
1/2 NPT (M16)	4 3/8	3 5/8	3 3/8	3	2 5/8	2 3/8	2	1 7/8	1 5/8	1 3/8	1 1/4	-
3/4 NPT (M20)	4 1/2	3 3/4	3 1/2	3 1/8	2 3/4	2 1/2	2 1/8	2	1 3/4	1 1/2	-	-
1 NPT (M25)	4 5/8	3 7/8	3 5/8	3 1/4	2 7/8	2 3/4	2 1/4	2 1/8	1 7/8	-	-	-
1 1/4 NPT (M32)	4 7/8	4 1/8	3 7/8	3 1/2	3 1/8	2 7/8	2 1/2	2 3/8	-	-	-	-
1 1/2 NPT (M40)	5	4 1/4	4	3 5/8	3 1/4	3	2 5/8	-	-	-	-	-
2 NPT (M50)	5 3/8	4 3/4	4 1/2	4	3 5/8	3 3/8	-	-	-	-	-	-
2 1/2 NPT (M63)	5 1/2	4 7/8	4 5/8	4 1/4	3 7/8	-	-	-	-	-	-	-
3 NPT (M75)	5 7/8	5 1/4	5	4 5/8	-	-	-	-	-	-	-	-
3 1/2 NPT	6 1/4	5 3/4	5 1/2	-	-	-	-	-	-	-	-	-
4 NPT	6 7/8	6	-	-	-	-	-	-	-	-	-	-
5 NPT	7 3/8	-	-	-	-	-	-	-	-	-	-	-

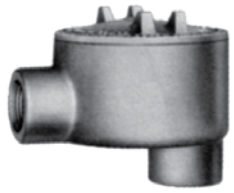
MINIMUM DISTANCE BETWEEN CENTERS OF AUXILIARY DEVICES

Size	5 NPSM	4 NPSM	3 1/2 NPSM	3 NPSM	2 1/2 NPSM	2 NPSM	1 1/2 NPSM	1 1/4 NPSM	1 NPSM	1/2 -3/4 NPSM	1/4-3/8 NPSM	1/4-1 UN
1/4-1 UN	4 3/8	3 5/8	3 3/8	3	2 5/8	2 3/8	2	1 7/8	1 5/8	1 3/8	1 1/4	1 1/8
1/4 - 3/8 NPSM	4 3/8	3 5/8	3 5/8	3	2 5/8	2 3/8	2	1 7/8	1 5/8	1 3/8	1 1/4	-
1/2 - 3/4 NPSM	4 1/2	3 3/4	3 1/2	3 1/8	2 3/4	2 1/2	2 1/8	2	1 3/4	1 1/2	-	-
1 NPSM	4 5/8	3 7/8	3 5/8	3 1/4	2 7/8	2 3/4	2 1/4	2 1/8	1 7/8	-	-	-
1 1/4 NPSM	4 7/8	4 1/8	3 7/8	3 1/2	3 1/8	2 7/8	2 1/2	2 3/8	-	-	-	-
1 1/2 NPSM	5	4 1/4	4	3 5/8	3 1/4	3	2 5/8	-	-	-	-	-
2 NPSM	5 3/8	4 3/4	4 1/2	4	3 5/8	3 3/8	-	-	-	-	-	-
2 1/2 NPSM	5 1/2	4 7/8	4 5/8	4 1/4	3 7/8	-	-	-	-	-	-	-
3 NPSM	5 7/8	5 1/4	5	4 5/8	-	-	-	-	-	-	-	-
3 1/2 NPSM	6 1/4	5 3/4	5 1/2	-	-	-	-	-	-	-	-	-
4 NPSM	6 7/8	6	-	-	-	-	-	-	-	-	-	-
5 NPSM	7 3/8	-	-	-	-	-	-	-	-	-	-	-

Note:
1. This information is compiled from data which we believe is reliable and is given in good faith. Since the methods of application and conditions under which our products are used are beyond our control, we are not able to guarantee the application and/or use of same. The user assumes all risks and liability in connection with the application and use of our products.
2. All dimensions are in inches.

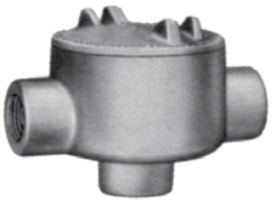
MULTI-HUB BOXES

JUNCTION BOXES - MULTI-HUB BOXES



XJAB

XJAC
(NO BOTTOM HUB)



XJAD

XJAL
(NO BOTTOM HUB)

Certifications

Class I, Groups C & D
Class II, Groups E, F & G
UL Standard 886
CSA Standard C22.2 No. 30
NEMA 4 Watertight Optional-Consult Factory

PRODUCT INFORMATION

Features

• Designed for general wiring in hazardous locations. For pulling and splicing conductors. Serves as mounting outlets with use of appropriate fixture covers
• Available with dome cover for additional splicing room and mounting of various devices
• Bodies XJAB, XJAD and XJAX 26 thru 46 have two interior mounting bosses, which can be blind tapped.
• Bodies XJAC, XJAL and XJAT 26 thru 46 have four interior mounting bosses, which can be blind tapped.
• All bodies 570 thru 890 have solid back, can be tapped blind.

Catalog Number	Conduit Size (in.)	Standard Pkg. Qty.	Standard Pkg. Weight (lbs.)
XJAB-26	1/2	10	9
XJAB-36	3/4	10	10
XJAB-46	1	10	12
XJAB-570	1 1/4	5	25
XJAB-690	1 1/2	4	22
XJAB-890	2	4	23
XJAC-26	1/2	10	9
XJAC-36	3/4	10	10
XJAC-46	1	10	12
XJAC-570	1 1/4	5	26
XJAC-690	1 1/2	4	21
XJAC-890	2	4	23
XJAD-36	3/4	10	9
XJAD-46	1	10	15
XJAL-26	1/2	10	9
XJAL-36	3/4	10	10
XJAL-46	1	10	12
XJAL-570	1 1/4	5	26
XJAL-690	1 1/2	4	21
XJAL-890	2	4	23

MULTI-HUB BOXES

JUNCTION BOXES - MULTI-HUB BOXES

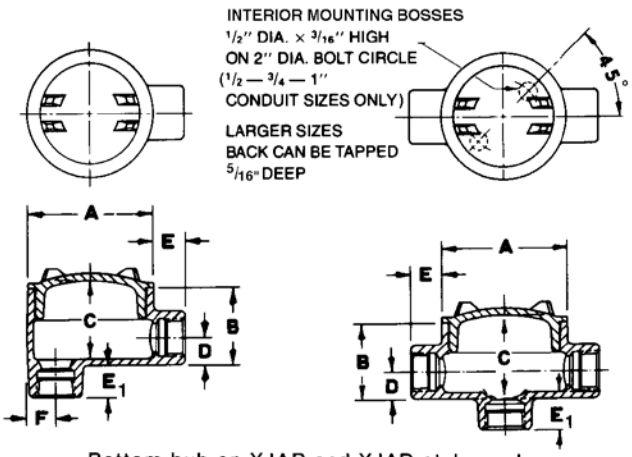
Certifications

Class I, Groups C & D
Class II, Groups E, F & G
UL Standard 886
CSA Standard C22.2 No. 30
NEMA 4 Watertight Optional-Consult Factory

XJAT
(NO BOTTOM HUB)

XJAX
(NO BOTTOM HUB)

PRODUCT INFORMATION



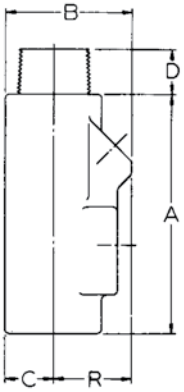
Bottom hub on XJAB and XJAD styles only.

Catalog Number	Conduit Size (in.)	Standard Pkg. Qty.	Standard Pkg. Weight (lbs.)
XJAT-26	1/2	10	10
XJAT-36	3/4	10	10
XJAT-46	1	10	13
XJAT-570	1 1/4	5	27
XJAT-690	1 1/2	4	21
XJAT-890	2	4	23
XJAX-26	1/2	10	12
XJAX-36	3/4	10	14
XJAX-46	1	10	15
XJAX-570	1 1/4	5	27
XJAX-690	1 1/2	4	21
XJAX-890	2	4	23

DIMENSIONS (INCHES)							
Conduit Size (in.)	A	B	C	D	E	F	E1
1/2	3 1/2	2	2	5/8	7/8	11/16	7/8
3/4	3 1/2	2	2	3/4	7/8	13/16	7/8
1	3 1/2	2 5/16	2 5/16	7/8	1	15/16	1
1 1/4	6 3/8	3 9/16	3 3/4	1 3/32	11/16	1 13/32	1
1 1/2	6 3/8	3 9/16	3 3/4	1 9/32	3/4	1 19/32	1
2	6 3/8	3 13/16	4	1 9/16	3/4	1 7/8	1

SEALING FITTINGS

SEALING FITTINGS - 25% FILL



XYB-XYBM

*OR NIPPLE SOLD SEPARATELY

Certifications

Class I, Groups B*, C & D
Class II, Groups E, F & G
UL Standard 886
CSA Standard C22.2 No. 30

*1/2", 3/4", 1" sizes Class I, Group B, C, D, Class II, E, F, G.

1 1/4", 1 1/2", 2", 2 1/2", 3", 3 1/2", 4" sizes Class I, Group C, D; Class II, E, F, G

PRODUCT INFORMATION

Features

• Sealing Fittings are required in Hazardous Locations and are used to isolate arc producing devices in conduit and wiring systems, and to prevent the passage of explosive pressures from one area to another.
• FOR HORIZONTAL AND VERTICAL MOUNTING - Type XYB and XYBM are suitable for either horizontal or vertical mounting and are provided with threaded plugged openings into which fiber and cement can be placed to form effective seal. XYB has female ends for conduit entrance. The XYBM has female ends with a removable threaded nipple.

NOMINAL DIMENSIONS [inches]					
Conduit Size	A	B	C	D (XYBM)	R (Turn Rad.)
1/2	3 19/32	1 13/16	5/8	11/16	1 3/16
3/4	3 25/32	2 1/16	3/4	15/16	1 5/16
1	4 3/8	2 5/16	7/8	15/16	1 7/16
1 1/4	5 5/32	2 13/16	1 1/16	1 1/16	1 3/4
1 1/2	5 11/16	3 3/16	1 3/16	1 3/16	2
2	6 13/16	3 7/8	1 1/2	1 7/16	2 3/8
2 1/2	7 1/2	4 1/2	1 7/8	1 5/8	2 11/16
3	9 9/16	5 1/2	2 3/16	1 7/8	3 5/16
3 1/2	9 1/2	6 1/6	2 3/8	2	3 11/16
4	9 9/16	6 1/2	2 5/8	2 1/8	3 7/8

FEMALE - FEMALE						
Catalog Number	Conduit Size (in.)	Oz. Req. for Each Sealing Fitting		Std. Package		Male Nipple Cat#
		Sealing Cement	Packing Fiber	Qty.	Weight lbs.	
XYB-2	1/2	1	1/8	5	2.1	3-59
XYB-3	3/4	2	1/4	5	2.6	3-60
XYB-4	1	3	1/4	5	3.7	3-61
XYB-5	1 1/4	6	3/8	2	2.5	3-62
XYB-6	1 1/2	9	1/2	2	3.2	3-63
XYB-8	2	18	3/4	2	5.6	3-64
XYB-10	2 1/2	23	1 1/2	2	6.2	3-65
XYB-12	3	48	3 1/8	1	6.0	3-66
XYB-14	3 1/2	70	4 1/2	1	6.8	3-67
XYB-16	4	90	6	1	8.3	3-68

Note: Male nipple is not included with the sealing fiting and must be ordered separtely. Male nipple will ship loose.

SEALING FITTINGS

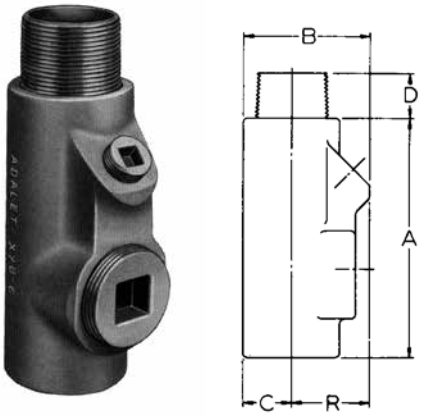
SEALING FITTINGS - 40% FILL

Certifications

Class I, Groups B*, C & D
Class II, Groups E, F & G
UL Standard 886
CSA Standard C22.2 No. 30

*1/2", 3/4" sizes Class I, Group B, C, D, Class II, E, F, G.

1", 1 1/4", 1 1/2", 2", 2 1/2", 3" sizes Class I, Group C, D; Class II, E, F, G



XYB-XYBM

*OR NIPPLE SOLD SEPARATELY

PRODUCT INFORMATION

Features

• Sealing Fittings are used for the same application as the standard Adalet sealing fitting but allow up to 40% wire fill in the fitting.

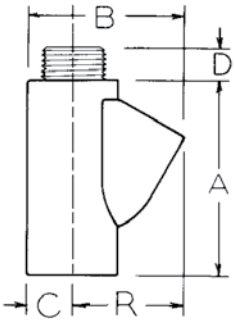
NOMINAL DIMENSIONS [inches]					
Conduit Size	A	B	C	D (XYBM)	R (Turn Rad.)
1/2	3 19/32	1 13/16	5/8	11/16	1 3/16
3/4	3 25/32	2 1/16	3/4	15/16	1 5/16
1	4 3/8	2 5/16	7/8	15/16	1 7/16
1 1/4	5 5/32	2 13/16	1 1/16	1 1/16	1 3/4
1 1/2	5 11/16	3 3/16	1 3/16	1 3/16	2
2	6 13/16	3 7/8	1 1/2	1 7/16	2 3/8
2 1/2	7 1/2	4 1/2	1 7/8	1 5/8	2 11/16
3	9 9/16	5 1/2	2 3/16	1 7/8	3 5/16
3 1/2	9 1/2	6 1/6	2 3/8	2	3 11/16
4	9 9/16	6 1/2	2 5/8	2 1/8	3 7/8

FEMALE - FEMALE						
Catalog Number	Conduit Size (in.)	Oz. Req. for Each Sealing Fitting		Std. Package		Male Nipple Cat#
		Sealing Cement	Packing Fiber	Qty.	Weight lbs.	
XYB-34	1/2	2	1/4	5	2.6	3-59
XYB-44	3/4	3	1/4	5	3.7	3-60
XYB-54	1	6	3/8	2	2.5	3-61
XYB-84	1 1/4	18	3/4	2	5.6	3-62
XYB-104	1 1/2	23	1 1/2	2	6.2	3-63
XYB-124	2	48	3 1/8	1	6.0	3-64
XYB-144	2 1/2	23	1 1/2	2	6.2	3-65
XYB-164	3	90	6	1	8.3	3-66

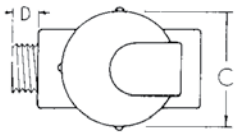
Note: Male nipple is not included with the sealing fiting and must be ordered separtely. Male nipple will ship loose.

SEALING FITTINGS

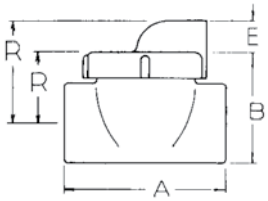
SEALING FITTINGS- 25% FILL



XYM



XYCSM



XYCS

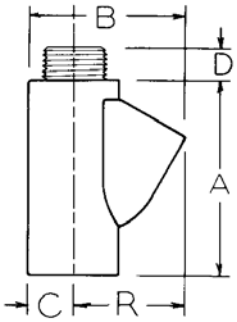
Certifications
CSA Certified LR27991
UL Listed E10493

Catalog Number			Nominal Dimensions					R=Turning Radius Cover		
Fem-Fem	Male-Fem	Conduit Size	A	B	C	D	E	Plain	Sealing	None
XY2	3-59	1/2	3 1/16	2 7/16	3/4	11/16	-	-	-	1 3/16
XY3	3-60	3/4	3 1/16	2 7/16	3/4	1	-	-	-	1 13/16
XY4	3-61	1	3 3/4	2 15/16	15/16	15/16	-	-	-	2 1/8
XY5	3-62	1 1/4	4 15/16	3 3/16	1 3/16	1 1/8	-	-	-	2 1/8
XY6	3-69	1 1/2	4 7/8	3 7/16	1 5/16	1 5/16	-	-	-	2 1/4
XYC2	3-59	1/2	3 1/16	2 9/16	2 1/16	5/8	13/16	1 7/8	-	-
XYC2S	3-59	1/2	3 1/16	2 9/16	2 1/6	5/8	13/16	-	2 11/16	-
XYC3	3-60	3/4	3 1/6	2 9/16	2 1/16	15/16	13/16	1 7/8	-	-
XYC3S	3-60	3/4	3 1/6	2 9/16	2 1/16	15/16	13/16	-	2 11/16	-
XYC4	3-61	1	3 11/16	2 11/16	2 3/8	15/16	1	2 1/8	-	-
XYC4S	3-61	1	4 1/2	3 3/16	3 3/8	1 1/16	7/8	-	3 1/16	-
XYC5	3-62	1 1/4	4 1/2	3 3/16	3 3/8	1 1/16	7/8	2 11/16	-	-
XYC5S	3-62	1 1/4	4 1/2	3 3/16	3 3/8	1 1/16	7/8	-	3 1/16	-
XYC6	3-62	1 1/2	4 1/2	3 7/16	3 3/8	1 1/8	7/8	2 11/16	-	-
XYC6S	3-62	1 1/2	4 1/2	3 7/16	3 3/8	1 1/8	7/8	-	3 1/16	-
XYC8	3-64	2	4 11/16	4	3 3/8	1 3/8	7/8	3	-	-
XYC8S	3-64	2	4 11/16	4	3 3/8	1 3/8	7/8	-	3 5/16	-
XYC10	3-59	2 1/2	5 5/16	4 5/8	3 3/8	1 5/8	7/8	3 1/4	-	-
XYC10S	3-59	2 1/2	5 5/16	4 5/8	3 3/8	1 5/8	7/8	-	3 3/4	-
XYC12	3-66	3	6 7/16	5 7/16	3 15/16	1 3/4	1 3/8	4	-	-
XYC12S	3-66	3	6 7/16	5 7/16	3 15/16	1 3/4	1 3/8	-	4 5/8	-
XYC14	3-67	3 1/2	6 9/16	6 3/8	4 3/4	1 5/8	1 5/16	4 5/8	-	-
XYC14S	3-67	3 1/2	6 9/16	6 3/8	4 3/4	1 5/8	1 5/16	-	5	-
XYC16	3-68	4	6 15/16	6 13/16	4 3/4	2	1 5/16	4 3/4	-	-
XYC16S	3-68	4	6 15/16	6 13/16	4 3/4	2	1 5/16	-	5 3/8	-

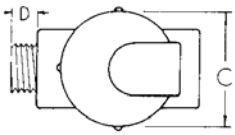
SEALING FITTINGS

SEALING FITTINGS- 40% FILL

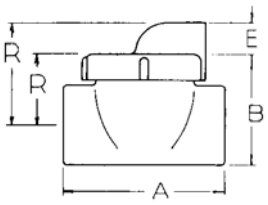
Certifications
CSA Certified LR27991
UL Listed E10493



XYM



XYCSM



XYCS

Catalog Number			Nominal Dimensions					R=Turning Radius Cover		
Fem-Fem	Male-Fem	Conduit Size	A	B	C	D	E	Plain	Sealing	None
XY34	3-59	1/2	3 1/6	2 7/16	3/4	1	-	-	-	1 13/16
XY44	3-60	3/4	3 3/4	2 15/16	15/16	15/16	-	-	-	3 1/8
XY54	3-61	1	4 15/16	3 3/16	1 3/16	1 3/16	1 1/8	-	-	2 1/8
XYC34	3-59	1/2	3 1/6	2 9/16	2 1/16	15/16	13/16	1 7/8	-	-
XYC34S	3-59	1/2	3 1/6	2 9/16	2 1/16	15/16	13/16	-	2 11/16	-
XYC44	3-60	3/4	3 11/16	2 11/16	2 3/8	15/16	1	2 1/8	-	-
XYC44S	3-60	3/4	3 11/16	2 11/16	2 3/8	15/16	1	-	3 1/16	-
XYC54	3-61	1	4 1/2	3 3/16	3 3/8	1 1/16	7/8	2 11/16	-	-
XYC54S	3-61	1	4 1/2	3 3/16	3 3/8	1 1/16	7/8	-	3 1/16	-
XYC84	3-62	1 1/4	4 11/16	4	3 3/8	1 3/8	7/8	3	-	-
XYC84S	3-62	1 1/4	4 11/16	4	3 3/8	1 3/8	7/8	-	3 5/16	-
XYC104	3-63	1 1/2	5 5/16	4 5/8	3 3/8	1 5/8	7/8	3 1/4	-	-
XYC104S	3-63	1 1/2	5 5/16	4 5/8	3 3/8	1 5/8	7/8	-	3 3/4	-
XYC124	3-64	2	6 7/16	5 7/16	3 15/16	1 3/4	1 3/8	4	-	-
XYC124S	3-64	2	6 7/16	5 7/16	3 15/16	1 3/4	1 3/8	-	4 5/8	-
XYC144	3-65	2 1/2	6 9/16	6 3/8	4 3/4	1 5/8	1 5/16	4 5/8	-	-
XYC144S	3-65	2 1/2	6 9/16	6 3/8	4 3/4	1 5/8	1 5/16	-	5	-
XYC164	3-66	3	6 15/16	6 13/16	4 3/4	2	1 5/16	4 3/4	-	-
XYC164S	3-66	3	6 15/16	6 13/16	4 3/4	2	1 5/16	-	5 3/8	-

FITTINGS AND ACCESSORIES

REMOVEABLE PLUGS / CLOSE-UP PLUGS

STYLE A

STYLE B

PRODUCT INFORMATION

Features

• Tapered thread close-up plugs for explosionproof conduit entrances. Provides 5 full threads of engagement. Made of aluminum alloy, these plugs have screw-driver slots and fit practically flush when installed.

STYLE A - ALUMINUM ALLOY SCREW DRIVE			
Catalog Number	Conduit Size (in.)	Standard Pkg. Qty.	Standard Pkg. Weight (lbs.)
OX2	1/2	100	6 3/4
OX3	3/4	100	10 1/4
OX4	1	50	9
OX5	1 1/4	50	12
OX6	1 1/2	50	12
OX8	2	50	12
OX10	2 1/2	15	20 1/2
OX12	3	15	30
OX14	3 1/2	15	40

STYLE B - PLATED STEEL SQUARE DRIVE			
Catalog Number	Conduit Size (in.)	Standard Pkg. Qty.	Standard Pkg. Weight (lbs.)
3-265	1/2	100	6 3/4
3-275	3/4	100	10 1/4

Dimensions are nominal (inches).

SEALING CEMENT / PACKING FIBER

XSC XAF

Catalog Number	Description	Net Weight
XSC-16 XSC-16	ADACO Sealing Cement	16 oz 10 lbs.
XAF-64	ADACO Packing Fiber	1 lb.

PRODUCT INFORMATION

Features

• **ADACO SEALING CEMENT** is the easiest-to-use sealing cement on the market. The powder is contained in a polyethylene bag within an outer container. To mix, remove the bag of powder, fill the outside container with water up to the marked “water line” and pour in the powder. Simple... no guesswork about how much water to use. The mixing container is right there...and clean. The largest unit package offered contains one pound of powder. The XSC-160 (10-pound quantity) consists of 10, one-pound packages (at the ten-pound price) so that every mix is correct. This cement has been especially prepared for use in Adalet Sealing Fittings. It is not an insulating compound, and is not affected by gasoline, alcohol, benzol, oils, acetone or lacquer solvents.

• **ADACO PACKING FIBER** is used with Adaco Sealing Cement for plugging conduit openings in fittings. Alumina Silica based long fiber non-asbestos for use as a packing at the hubs of sealing units to prevent the Sealing Cement in the liquid state from entering the conduit lines. The Fiber is tamped between the wires and the hub before the Sealing Cement is poured into the fitting.

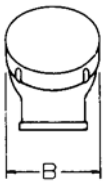
FITTINGS AND ACCESSORIES

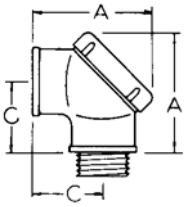
REMOVEABLE PLUGS / CLOSE-UP PLUGS

Certifications

Class I, Group D
Class II, Groups E, F & G
Class III
UL Standard 886
CSA Standard C22.2 No. 30

FL





PRODUCT INFORMATION

Features

• This versatile and inexpensive explosion-proof fitting with a threaded cover will easily and compactly handle 90° conduit runs. FL series have two female entrances.

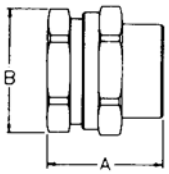
Catalog Number	Conduit Size (in.)	Nominal Dimensions (in.)			Std. Package	
		A	B	C	Qty.	Weight (lbs)
FL92	1/2	2 5/8	2 1/8	1 3/8	25	8
FL93	3/4	2 13/16	2 1/8	1 1/2	25	10 1/2
FL94	1	3 1/4	2 7/16	1 7/8	25	11

CONDUIT UNIONS

Certifications

Class I, Groups A, B, C & D
Class II, Groups E, F & G
UL Standard 886
CSA Standard C22.2 No. 30

XU



PRODUCT INFORMATION

Features

• Explosionproof unions for use in conduit piping systems for ease of installation and removal of fittings, boxes and equipment enclosures in hazardous atmosphere areas.
• Parts are steel, zinc and clear dichromate plated for corrosion protection. Style XU has two female NPT threads. Style XUM has two female NPT threads and one plated threaded nipple.

Catalog Number	Conduit Size (in.)	Connection	Standard Pkg. Qty.	Standard Pkg. Weight (lbs.)
XU2	1/2	Fem.-Fem.	50	19
XU3	3/4	Fem.-Fem.	50	21
XU4	1	Fem.-Fem.	25	13 1/2

NOMINAL DIMENSIONS [inches]			
Catalog Number	Conduit Size (in.)	A	B
XU	1/2	1 3/4	1 1/2
	3/4	1 3/4	1 3/4
	1	1 15/16	2

FITTINGS AND ACCESSORIES

FLEXIBLE COUPLINGS

Certifications

1/2”, 3/4”
Class I Groups A, B, C, D
Class II Groups E, F, G

1”, 1 1/2”, 2”
Class I Groups C, D
Class II Groups E, F, G

1 1/4”
Class I Group D
Class II Groups E, F, G

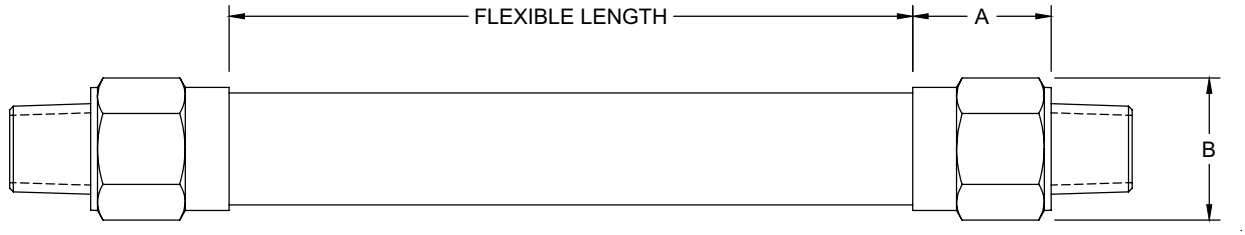
PRODUCT INFORMATION

Features

- 63 standard sizes
- Conduit sizes from 1/2” npt through 1 1/4” npt
- Lengths from 4” to 36”
- Two female-threaded end fittings with male nipples
- UL Listed for use in hazardous locations
- Corrosion resistant and watertight
- Perfect for tight spaces which require difficult bends
- Custom sizes and lengths available

Adalet’s line of flexible couplings allow the safe joining of equipment in hazardous locations where stationary equipment is connected to machinery that moves or vibrates. The flexible couplings are ideal for tight spaces where difficult bends are needed. All couplings are UL listed for use in Division 1 hazardous areas and can be ordered in various lengths and conduit sizes. All sizes of explosionproof flexible couplings are constructed from bronze braided brass tubing with an arc resistant liner. The couplings include two female threaded end fittings with male nipple inserts.

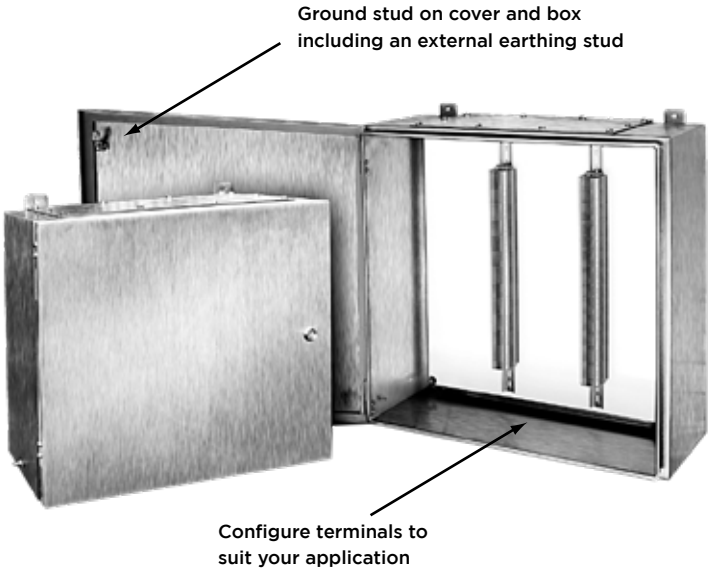
FLEXIBLE COUPLINGS



Catalog Number	Size (in.)	Length	Ship Wt. (Lbs)	Dim A	Dim B
FC-14	1/2	4	1	1.54	1.44
FC-16	1/2	6	1.2	1.54	1.44
FC-18	1/2	8	1.4	1.54	1.44
FC-110	1/2	10	1.6	1.54	1.44
FC-112	1/2	12	1.8	1.54	1.44
FC-115	1/2	15	2.1	1.54	1.44
FC-118	1/2	18	2.4	1.54	1.44
FC-121	1/2	21	2.7	1.54	1.44
FC-124	1/2	24	3	1.54	1.44
FC-127	1/2	27	3.3	1.54	1.44
FC-130	1/2	30	3.6	1.54	1.44
FC-133	1/2	33	3.9	1.54	1.44
FC-136	1/2	36	4.2	1.54	1.44
FC-24	3/4	4	1.2	1.6	1.87
FC-26	3/4	6	1.4	1.6	1.87
FC-28	3/4	8	1.7	1.6	1.87
FC-210	3/4	10	2	1.6	1.87
FC-212	3/4	12	2.2	1.6	1.87
FC-215	3/4	15	2.6	1.6	1.87
FC-218	3/4	18	3	1.6	1.87
FC-221	3/4	21	3.4	1.6	1.87
FC-224	3/4	24	3.8	1.6	1.87
FC-227	3/4	27	4.2	1.6	1.87
FC-230	3/4	30	4.6	1.6	1.87
FC-233	3/4	33	5	1.6	1.87
FC-236	3/4	36	5.3	1.6	1.87
FC-36	1	6	2.7	2	2.31
FC-38	1	8	3.7	2	2.31
FC-310	1	10	4.6	2	2.31
FC-312	1	12	5.5	2	2.31
FC-315	1	15	6.1	2	2.31
FC-321	1	21	7.3	2	2.31
FC-324	1	24	7.9	2	2.31
FC-327	1	27	8.5	2	2.31
FC-330	1	30	9	2	2.31

Catalog Number	Size (in.)	Length	Ship Wt. (Lbs)	Dim A	Dim B
FC-333	1	33	9.7	2	2.31
FC-336	1	36	10.3	2	2.31
FC-412	1 1/4	12	7.2	2.12	2.74
FC-415	1 1/4	15	8.1	2.12	2.74
FC-418	1 1/4	18	9	2.12	2.74
FC-412	1 1/4	21	9.9	2.12	2.74
FC-424	1 1/4	24	10.8	2.12	2.74
FC-427	1 1/4	27	11.7	2.12	2.74
FC-430	1 1/4	30	12.6	2.12	2.74
FC-433	1 1/4	33	13.5	2.12	2.74
FC-436	1 1/4	36	14.4	2.12	2.74
FC-512	1 1/2	12	14.7	2.37	3.61
FC-515	1 1/2	15	16.8	2.37	3.61
FC-518	1 1/2	18	18.9	2.37	3.61
FC-521	1 1/2	21	21	2.37	3.61
FC-524	1 1/2	24	23	2.37	3.61
FC-527	1 1/2	27	25	2.37	3.61
FC-530	1 1/2	30	27	2.37	3.61
FC-533	1 1/2	33	29	2.37	3.61
FC-536	1 1/2	36	31	2.37	3.61
FC-612	2	12	15	2.41	4.33
FC-615	2	15	17.1	2.41	4.33
FC-618	2	18	19.2	2.41	4.33
FC-621	2	21	21.3	2.41	4.33
FC-624	2	24	23.3	2.41	4.33
FC-627	2	27	25.4	2.41	4.33
FC-630	2	30	27.3	2.41	4.33
FC-633	2	33	29.4	2.41	4.33

VC / VH SERIES: INCREASED SAFETY TERMINAL ENCLOSURES



Certifications

POPULATED ENCLOSURE

Class I, Division 2, Groups A, B, C, and D
Class II, Division 2, Groups F and G
Class I, Zone 1, AEx e II (T5: Ta < +55°C) (T4: Ta < +70°C)
ATEX Directive 94/9/EC
Class I, Zone 1, Exe II T6 (T5: Ta < +55°C) (T4: Ta < +70°C)
Class I, Zone 1, Exe II T6 (T5: Ta < +55°C) (T4: Ta < +70°C)
NEMA Type 4X, 12, and 13

EMPTY ENCLOSURE

Class II, Division 2
Class I, Zone 1, AEx e II
Class I, Zone 1 Exe II
Ex tD A21 IP66
NEMA 4X, 12, and 13

PRODUCT INFORMATION

Features

- Type 316L Stainless steel quarter turn latches w/ 3mm double bit insert
- Lift off stainless steel door hinges
- Painted steel inner mounting panel
- One-piece, NEMA 4 / IP66 water-tight gasket
- Internal/external grounding provisions
- Welded-on mounting feet / tabs (vertical or horizontal)
- Ambient temperature range -40°C to +70°C

Material

- Enclosure and gland plates Type 304 or 316L
- Quarter turn latches are 316L
- NEMA 4 / IP66 water-tight gasket is form in place (FIP)
- Box / cover constructed from 14 gauge (0.75) stainless steel with #3/#4 brush finish
- Gland plates constructed from 10 gauge (.1345) stainless steel with #3/#4 brush finish
- Silicone gasket
- Gland plate gasket constructed from 1/8" Bisco silicone with Acrylic PSA

Design Options

- Gland Plates (6" depths or greater) with continuous gasket
- Stainless steel inner mounting panel
- Drilled entries / cut-outs
- Stopping plugs and breather / drain
- Terminal block assemblies and ground bars
- Cable glands
- Window kits
- Custom sizes
- Multiple coating options for additional corrosion resistance

VC SERIES PRODUCT INFORMATION

Material

• Enclosure & cover constructed of 14 ga. (.075) 316L stainless steel with #3/4 brush finish
• Optional gland plate constructed of 12 ga. (.1046) 316L stainless steel with #3/4 brush finish
• Cover gasket : 1/4" thick Bisco silicone with acrylic PSA, Part #HT805A
• Gland plate gasket : 1/8" thick Bisco silicone with acrylic PSA, Part #HT805A

Design Options

• Optional pressure sensitive adhesive gasket material, Part #HT8055
• Optional Quarter Turn Inserts:
-Slot
-8mm Hex Socket
-7mm Triangle
-8mmTriangle
-7mm Square
-8mm Square
-5mm Double Bit
-Bellcore 216
-Railway standard

VH SERIES PRODUCT INFORMATION

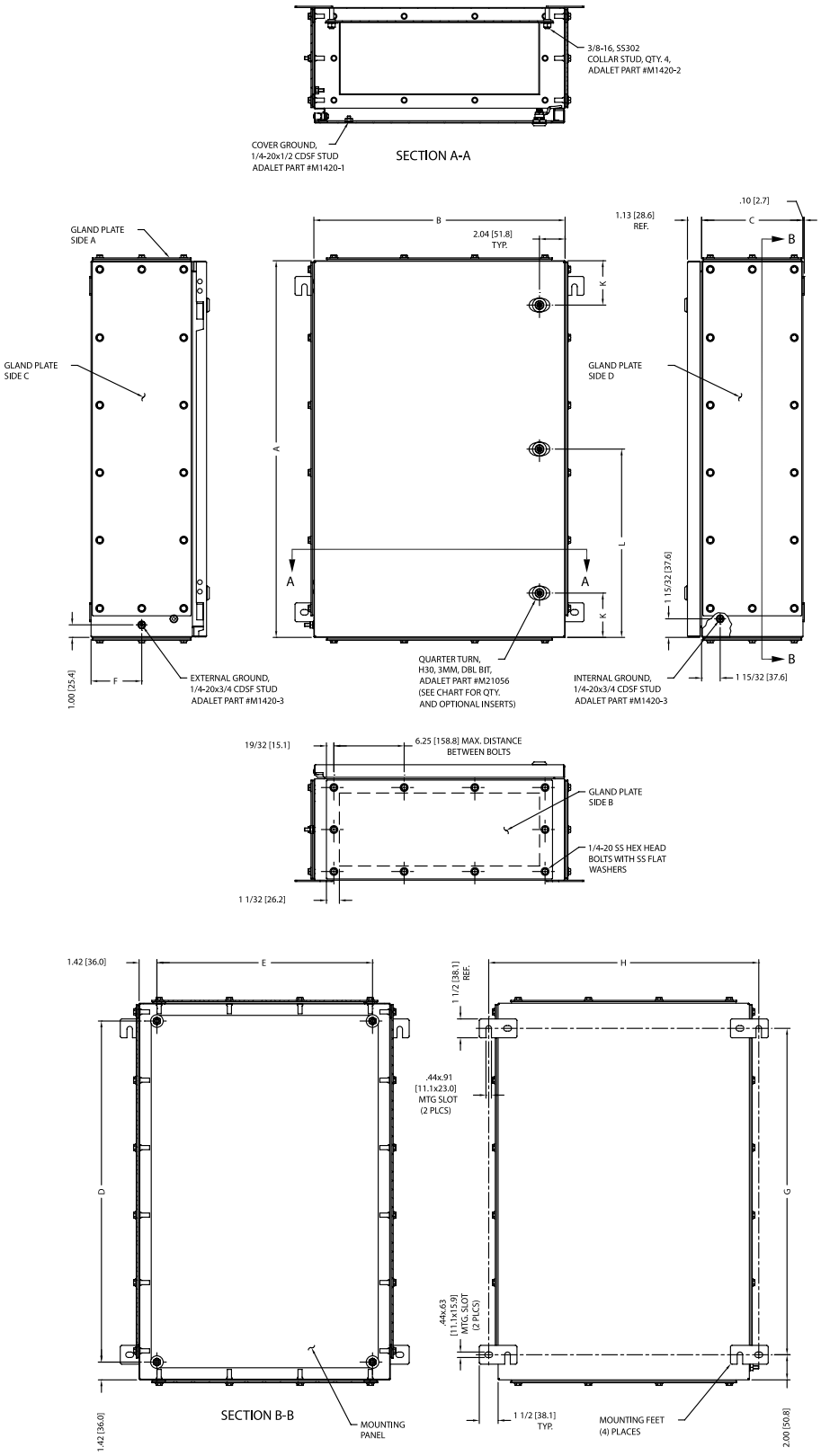
Material

• Enclosure & cover constructed of 14 ga. (.075) 316L stainless steel with #3/4 brush finish
• Optional gland plate constructed of 12 ga. (.1054) 316L stainless steel with #3/4 brush finish
• Cover gasket: 1/4" thick Bisco silicone with acrylic PSA, Part #HT805A
• Gland plate gasket: 1/8" thick Bisco silicone with acrylic PSA, Part #HT805A

Design Options

• Optional pressure sensitive adhesive gasket material, Part #HT8055
• Optional Quarter Turn Inserts:
-Slot
-8mm Hex Socket
-7mm Triangle
-8mm Triangle
-7mm Square
-8mm Square
-5mm Double Bit
-Bellcore 216
-Railway standard

VH4X6 SERIES



VH4X6 SERIES

INCHES

STAINLESS STEEL 316L											
	Enclosure Dimensions			Collar Stud Spacing		Grd. Stud Locations	Mounting Feet Spacing		# Quarter Turns	Quarter Turn Locations	
Catalog Number	A	B	C	D	E	F	G	H		L	K
VH4X6-101006	10.24	10.24	6.30	7.40	7.40	3.15	6.24	11.74	1	5.12	-
VH4X6-101008	10.24	10.24	8.07	7.40	7.40	4.04	6.24	11.74	1	5.12	-
VH4X6-121206	12.05	12.05	6.30	9.22	9.22	3.15	8.05	13.55	1	6.03	-
VH4X6-121208	12.05	12.05	8.07	9.22	9.22	4.04	8.05	13.55	1	6.03	-
VH4X6-151006	14.96	10.24	6.30	12.13	7.40	3.15	10.96	11.74	1	7.48	-
VH4X6-151008	14.96	10.24	8.07	12.13	7.40	4.04	10.96	11.74	1	7.48	-
VH4X6-181506	18.03	15.04	6.30	15.20	12.21	3.15	14.03	16.54	1	9.02	-
VH4X6-191908	18.90	18.90	8.07	16.07	16.07	4.04	14.90	20.40	1	9.45	-
VH4X6-201406	19.68	13.78	6.30	16.85	10.95	3.15	15.68	15.28	1	9.84	-
VH4X6-201408	19.68	13.78	8.07	16.85	10.95	4.04	15.68	15.28	1	9.84	-
VH4X6-241808	24.41	17.72	8.07	21.58	14.89	4.04	20.41	19.22	2	-	3.53
VH4X6-292208	29.13	21.65	8.07	26.30	18.82	4.04	25.13	23.15	2	-	3.53
VH4X6-302008	30.00	20.00	8.07	27.17	17.17	4.04	26.00	21.50	2	-	3.53

Note: Optional Gland Plate Suffixes

-A: Gland Plate on Top Side

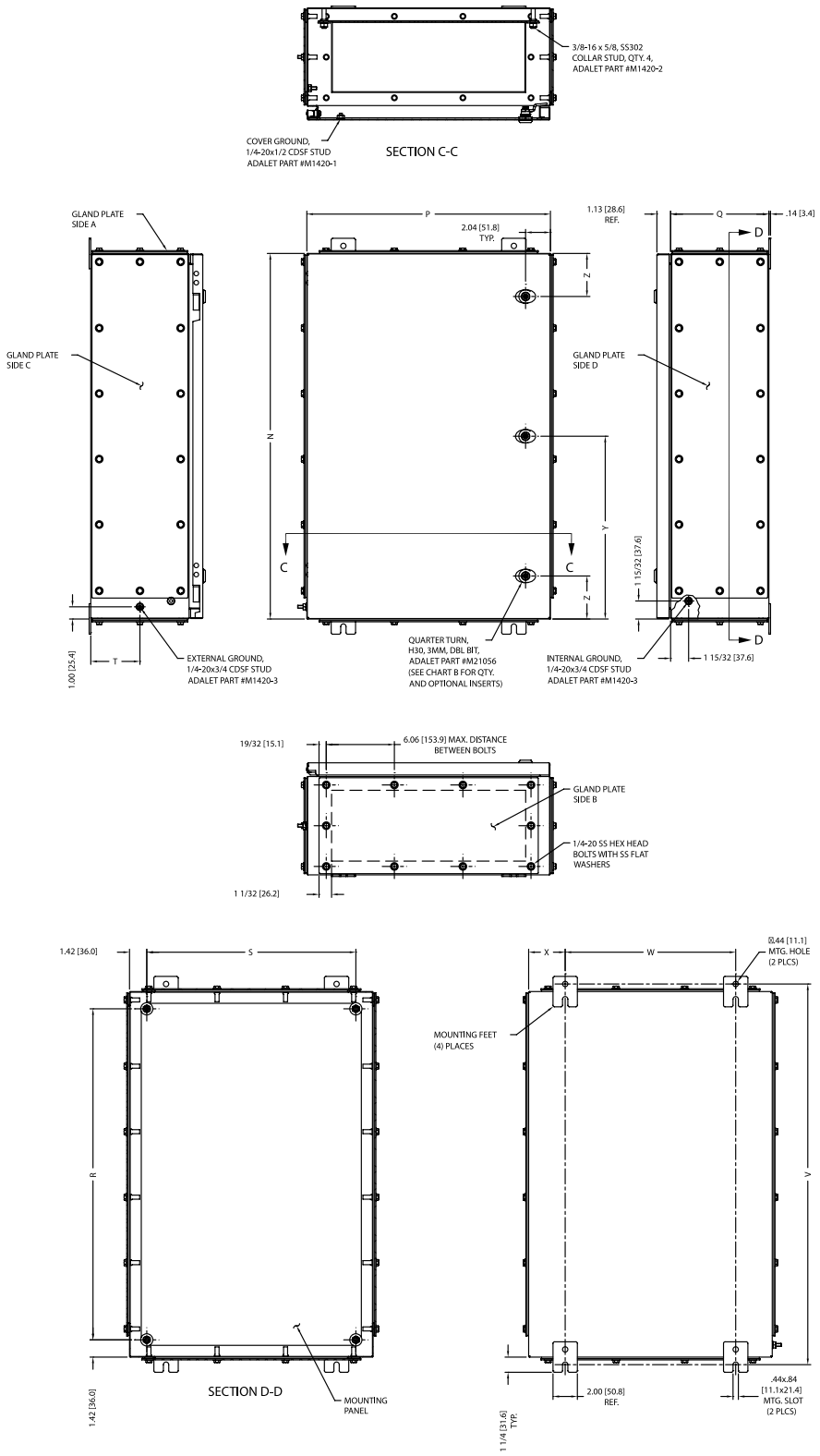
-B: Gland Plate on Bottom Side

-C: Gland Plate on Left Side

-D: Gland Plate on Right Side

*Omit dashes when multiple gland plates are installed.

VC4X6 SERIES - VERTICAL MOUNT



VC4X6 SERIES - VERTICAL MOUNT

INCHES

STAINLESS STEEL 316L												
	Enclosure Dimensions			Collar Stud Spacing		Grd. Stud Locations	Mounting Feet Spacing			# Quarter Turns	Quarter Turn Locations	
Catalog Number	N	P	Q	R	S	T	V	W	X	-	Y	Z
VC4X6-090605V	9.00	6.00	5.00	6.17	3.17	2.50	10.24	3.50	1.25	1	4.50	-
VC4X6-120806V	12.00	8.00	6.30	9.17	5.17	3.15	13.24	5.50	1.25	1	6.00	-
VC4X6-121206V	12.05	12.05	6.30	9.22	9.22	3.15	13.24	9.50	1.28	1	6.03	-
VC4X6-161206V	16.00	12.00	8.00	13.17	9.17	3.15	17.24	9.50	1.25	1	8.00	-
VC4X6-161208V	16.00	12.00	8.00	13.17	9.17	4.00	17.24	9.50	1.25	1	8.00	-
VC4X6-161606V	16.00	16.00	6.30	13.17	13.17	3.15	17.24	10.00	3.00	1	8.00	-
VC4X6-161608V	16.00	16.00	8.00	13.17	13.17	4.00	17.24	10.00	3.00	1	8.00	-
VC4X6-162006V	16.00	20.00	6.30	13.17	17.17	3.15	17.24	14.00	3.00	1	8.00	-
VC4X6-162008V	16.00	20.00	8.00	13.17	17.17	4.00	17.24	14.00	3.00	1	10.00	-
VC4X6-201606V	20.00	16.00	6.30	17.17	13.17	3.15	21.24	10.00	3.00	1	10.00	-
VC4X6-201608V	20.00	16.00	8.00	17.17	13.17	4.00	21.24	10.00	3.00	1	10.00	-
VC4X6-202006V	20.00	20.00	6.30	17.17	13.17	3.15	21.24	14.00	3.00	1	10.00	-
VC4X6-202008V	20.00	20.00	8.00	17.17	17.17	4.00	21.24	14.00	3.00	1	10.00	-
VC4X6-202408V	20.00	24.00	8.00	17.17	21.17	4.00	21.24	18.00	3.00	1	10.00	-
VC4X6-241606V	24.00	16.00	6.30	21.17	13.17	3.15	25.24	10.00	3.00	2	-	3.53
VC4X6-241608V	24.00	16.00	8.00	21.17	13.17	4.00	25.24	10.00	3.00	2	-	3.53
VC4X6-242006V	24.00	20.00	6.30	21.17	17.17	3.15	25.24	10.00	3.00	2	-	3.53
VC4X6-242008V	24.00	20.00	6.30	21.17	17.17	4.00	25.24	14.00	3.00	2	-	3.53
VC4X6-242406V	24.00	24.00	6.30	21.17	21.17	3.15	25.24	18.00	3.00	2	-	3.53
VC4X6-242408V	24.00	24.00	8.00	21.27	21.17	4.00	25.24	18.00	3.00	2	-	3.53
VC4X6-243008V	24.00	30.00	8.00	21.17	27.17	4.00	25.24	24.00	3.00	2	-	3.53
VC4X6-302008V	30.00	20.00	8.07	27.17	17.17	4.04	31.24	14.00	3.00	2	-	3.53
VC4X6-302408V	30.00	24.00	8.00	27.17	27.17	4.00	31.24	18.00	3.00	2	-	3.53
VC4X6-303008V	30.00	30.00	8.00	27.17	127.17	4.00	31.24	24.00	3.00	2	-	3.53

Note: Optional Gland Plate Suffixes

-A: Gland Plate on Top Side

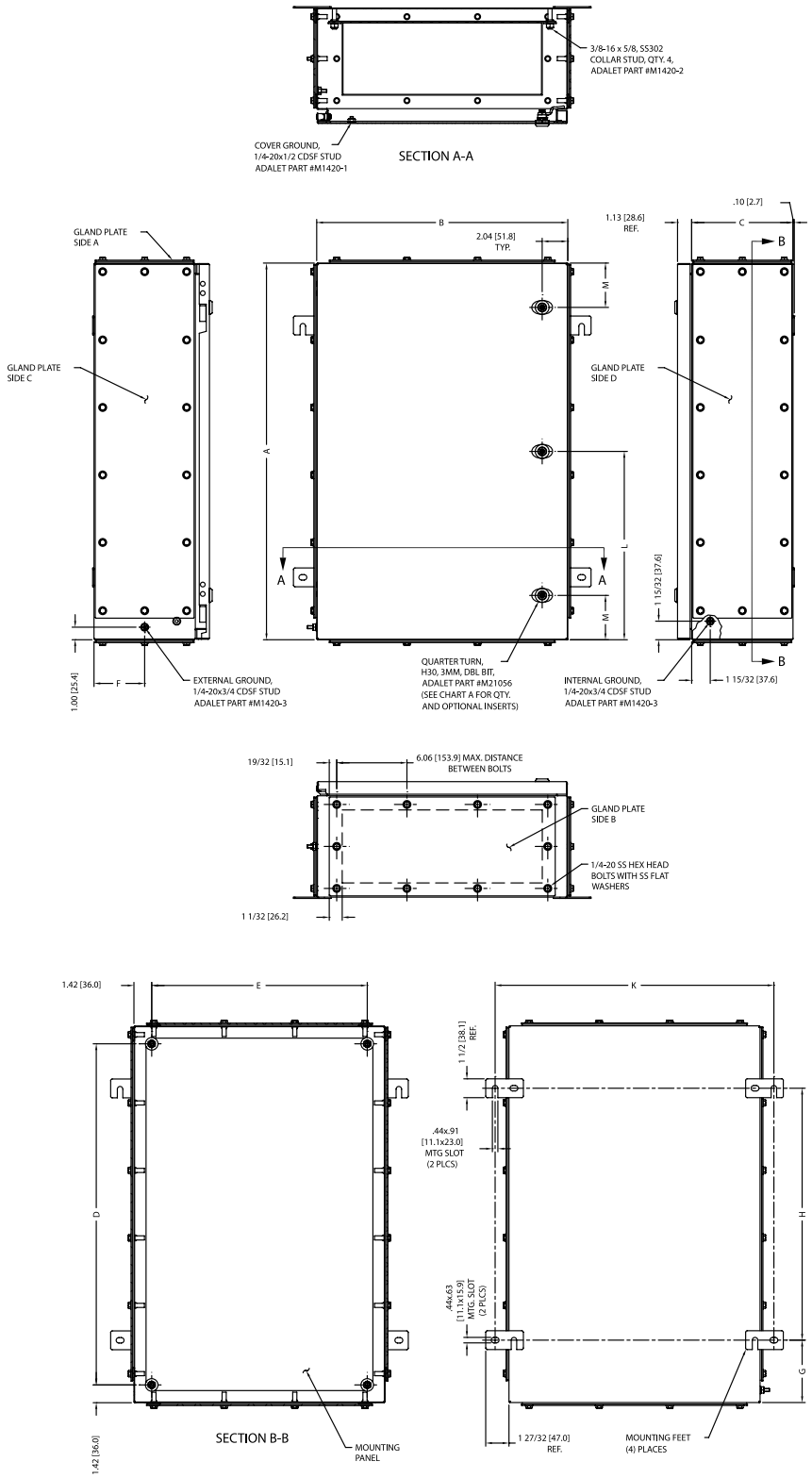
-B: Gland Plate on Bottom Side

-C: Gland Plate on Left Side

-D: Gland Plate on Right Side

*Omit dashes when multiple gland plates are installed.

VC4X6 SERIES - HORIZONAL MOUNT



VC4X6 SERIES - HORIZONAL MOUNT

INCHES

STAINLESS STEEL 316L												
	Enclosure Dimensions			Collar Stud Spacing		Grd. Stud Locations	Mounting Feet Spacing			# Quarter Turns	Quarter Turn Locations	
Catalog Number	N	P	Q	R	S	T	V	W	X	-	Y	Z
VC4X6-090605H	9.00	6.00	5.00	6.17	3.17	2.50	1.51	5.98	8.19	1	4.50	-
VC4X6-120806H	12.00	8.00	6.30	9.17	5.17	3.15	2.01	7.99	10.20	1	6.00	-
VC4X6-121206H	12.05	12.05	6.30	9.22	9.22	3.15	2.03	7.99	14.21	1	6.03	-
VC4X6-161206H	16.00	12.00	8.00	13.17	9.17	3.15	2.74	10.51	14.21	1	8.00	-
VC4X6-161208H	16.00	12.00	8.00	13.17	9.17	4.00	2.74	10.51	14.21	1	8.00	-
VC4X6-161606H	16.00	16.00	6.30	13.17	13.17	3.15	2.74	10.51	18.19	1	8.00	-
VC4X6-161608H	16.00	16.00	8.00	13.17	13.17	4.00	2.74	10.51	18.19	1	8.00	-
VC4X6-162006H	16.00	20.00	6.30	13.17	17.17	3.15	2.74	10.51	22.20	1	8.00	-
VC4X6-162008H	16.00	20.00	8.00	13.17	17.17	4.00	2.74	10.51	22.20	1	10.00	-
VC4X6-201606H	20.00	16.00	6.30	17.17	13.17	3.15	3.03	13.94	18.19	1	10.00	-
VC4X6-201608H	20.00	16.00	8.00	17.17	13.17	4.00	3.03	13.94	18.19	1	10.00	-
VC4X6-202006H	20.00	20.00	6.30	17.17	13.17	3.15	3.03	13.94	22.20	1	10.00	-
VC4X6-202008H	20.00	20.00	8.00	17.17	17.17	4.00	3.03	13.94	22.20	1	10.00	-
VC4X6-202408H	20.00	24.00	8.00	17.17	21.17	4.00	3.03	13.94	26.22	1	10.00	-
VC4X6-241606H	24.00	16.00	6.30	21.17	13.17	3.15	3.24	17.52	18.19	2	-	3.53
VC4X6-241608H	24.00	16.00	8.00	21.17	13.17	4.00	3.24	17.52	18.19	2	-	3.53
VC4X6-242006H	24.00	20.00	6.30	21.17	17.17	3.15	3.24	17.52	22.20	2	-	3.53
VC4X6-242008H	24.00	20.00	6.30	21.17	17.17	4.00	3.24	17.52	22.20	2	-	3.53
VC4X6-242406H	24.00	24.00	6.30	21.17	21.17	3.15	3.24	17.52	26.22	2	-	3.53
VC4X6-242408H	24.00	24.00	8.00	21.27	21.17	4.00	3.24	17.52	26.22	2	-	3.53
VC4X6-243008H	24.00	30.00	8.00	21.17	27.17	4.00	3.24	17.52	32.20	2	-	3.53
VC4X6-302008H	30.00	20.00	8.07	27.17	17.17	4.04	5.00	20.00	22.20	2	-	3.53
VC4X6-302408H	30.00	24.00	8.00	27.17	27.17	4.00	5.00	20.00	26.22	2	-	3.53
VC4X6-303008H	30.00	30.00	8.00	27.17	127.17	4.00	5.00	20.00	32.30	2	-	3.53

Note: Optional Gland Plate Suffixes

-A: Gland Plate on Top Side

-B: Gland Plate on Bottom Side

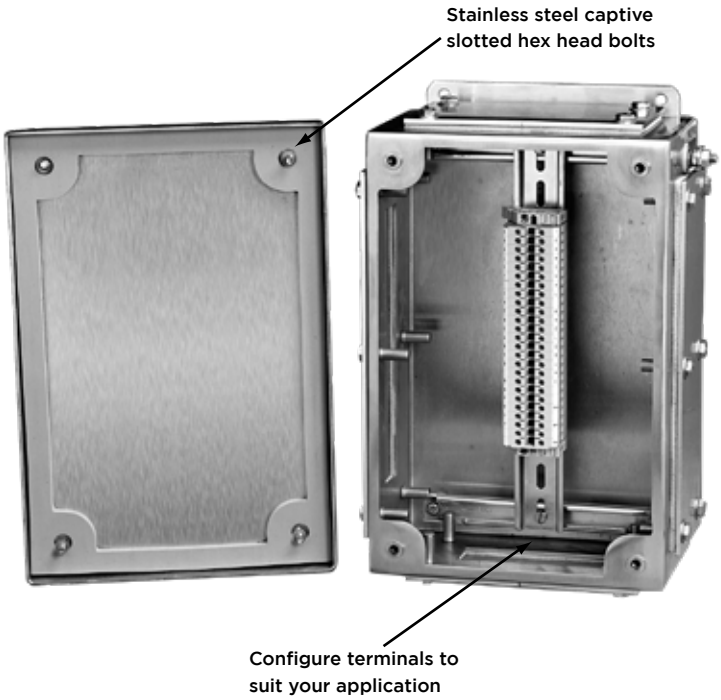
-C: Gland Plate on Left Side

-D: Gland Plate on Right Side

*Omit dashes when multiple gland plates are installed.

TSC SERIES

TSC SERIES: INCREASED SAFETY TERMINAL ENCLOSURES



Certifications

POPULATED ENCLOSURE

Class I, Division 2, Groups A, B, C, and D
Class II, Division 2, Groups F and G
Class I, Zone 1, AEx e II (T5: Ta < +55°C)
(T4: Ta < +70°C)
ATEX Directive 94/9/EC
Class I, Zone 1, Exe II T6 (T5: Ta < +55°C)
(T4: Ta < +70°C)
Class I, Zone 1, Exe II T6 (T5: Ta < +55°C)
(T4: Ta < +70°C)
NEMA Type 4X, 12, and 13

EMPTY ENCLOSURE

Class II, Division 2
Class I, Zone 1, AEx e II
Class I, Zone 1 Exe II
Ex tD A21 IP66
NEMA 4X, 12, and 13

PRODUCT INFORMATION

Features

- Type 316L Stainless steel captive hex head, slotted cover screws
- Universal DIN rail mounting system (Except 050503)
- One-piece, NEMA 4 / IP66 water-tight gasket
- Internal/external grounding provisions
- Welded-on mounting flange with 0.31" clearance holes
- Ambient temperature range -40°C to +70°C

Material

- Enclosure and gland plates Type 304 or 316L
- Captive cover screws and hardware are 316L
- NEMA 4 / IP66 water-tight gasket is form in place (FIP)
- Box / cover constructed from 14 gauge (0.75) stainless steel with #3/#4 brush finish
- Gland plates constructed from 10 gauge (.1345) stainless steel with #3/#4 brush finish
- Silicone gasket
- Gland plate gasket constructed from 1/8" Bisco silicone with Acrylic PSA

Design Options

- Gland Plates (6" depths or greater) with continuous gasket
- Painted steel or stainless steel inner mounting panel
- Drilled entries / cut-outs
- Stopping plugs and breather / drain
- Terminal block assemblies and ground bars
- Cable glands
- Window kits
- Custom sizes
- Multiple coating options for additional corrosion resistance

TSC SERIES

Catalog Number	2.5mm²		4mm²		6mm²		10mm²		16mm²		35mm²	
	# Rows	Qty.	# Rows	Qty.	# Rows	Qty.	# Rows	Qty.	# Rows	Qty.	# Rows	Qty.
TSC4X6-050503	1	6	1	6	1	5	0	0	0	0	0	0
TSC4X6-060604	1	13	1	13	1	8	0	0	0	0	0	0
TSC4X6-070704	1	18	1	18	1	11	1	9	0	0	0	0
TSC4X6-080804	1	23	1	23	1	14	1	11	0	0	0	0
TSC4X6-101006	2	66	2	66	2	42	1	17	1	14	0	0
TSC4X6-101008	2	66	2	66	2	42	1	17	1	14	0	0
TSC4X6-120604	1	43	1	43	1	27	0	0	0	0	0	0
TSC4X6-120605	1	43	1	43	1	27	0	0	0	0	0	0
TSC4X6-120805	1	43	1	43	1	27	1	22	0	0	0	0
TSC4X6-120806	1	43	1	43	1	27	1	22	0	0	0	0
TSC4X6-121206	2	86	2	86	2	54	2	44	1	18	0	0
TSC4X6-121208	2	86	2	86	2	54	2	44	1	18	0	0
TSC4X6-151506	3	177	3	177	3	111	2	58	2	48	1	18
TSC4X6-151508	3	177	3	177	3	111	2	58	2	48	1	18
TSC4X6-161206	2	128	2	128	2	80	2	64	1	26	0	0
TSC4X6-161208	2	128	2	128	2	80	2	64	1	26	0	0
TSC4X6-161606	3	192	3	192	3	120	3	96	2	52	1	20
TSC4X6-161608	3	192	3	192	3	120	3	96	2	52	1	20

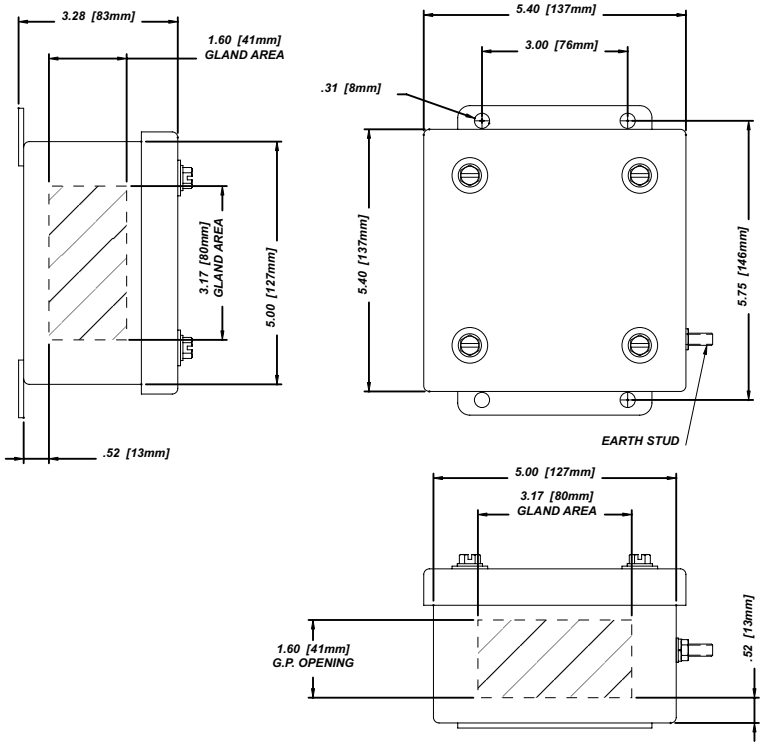
Note:

1. The TSC4 Series is available either in SS316L (TSC4X6) or SS304 (TSC4X).
2. Refer to enclosure catalog page for dimensional information.
3. The maximum terminal block content is based on the following maximum permitted continuous current and minimum conductor size (See chart right).
4. For higher ampacities refer to enclosure catalog page.
5. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
6. For applications requiring multiple terminal block configurations and ampacities, consult factory.
7. For applications requiring larger terminal blocks or custom enclosure sizes, Consult factory.

Max Current	Min Conductor Size	
10 AMPS	2.5mm²	(14 AWG)
10 AMPS	4mm²	(12 AWG)
20 AMPS	6mm²	(10 AWG)
25 AMPS	10mm²	(8 AWG)
35 AMPS	16mm²	(6 AWG)
63 AMPS	35mm²	(2 AWG)

TSC SERIES

5” X 5” X 3” SCREW COVER



ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304		STAINLESS STEEL 316L	
Catalog Number	Gland Plate	Catalog Number	Gland Plate
TSC4X-050503	None	TSC4X6-050503	None

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES			
Size		Without Gland Plates	
NPT	Metric	Sides A & B	Sides C & D
1/2	M16	2	2
3/4	M20	2	2
1	M25	1	1
1 1/4	M32	-	-
1 1/2	M40	-	-
2	M50	-	-
2 1/2	M63	-	-

MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 6 →			x	x	x	x	x	x	x	x
	2.5mm²	← 6 →					x	x	x	x	x	x
	4mm²	← 6 →						x	x	x	x	x
	6mm²	← 5 →							x	x	x	x
	10mm²	x	x	x	x	x	x	x	x	x	x	x
	16mm²	x	x	x	x	x	x	x	x	x	x	x
	35mm²	x	x	x	x	x	x	x	x	x	x	x

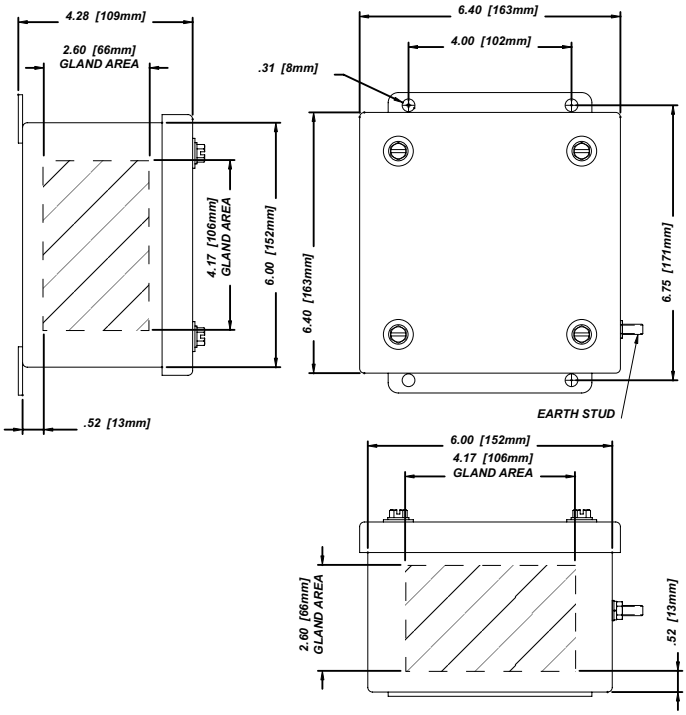
Note:
1. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
2. For applications requiring multiple terminal block configurations and ampacities, consult factory.
3. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
4. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

6” X 6” X 4” SCREW COVER

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304	
Catalog Number	Gland Plate
TSC4X-060604	None

STAINLESS STEEL 316L	
Catalog Number	Gland Plate
TSC4X6-060604	None



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES			
Size		Without Gland Plates	
NPT	Metric	Sides A & B	Sides C & D
1/2	M16	6	6
3/4	M20	3	3
1	M25	2	2
1 1/4	M32	2	2
1 1/2	M40	1	1
2	M50	-	-
2 1/2	M63	-	-

MAXIMUM TERMINAL BLOCK CONTENT

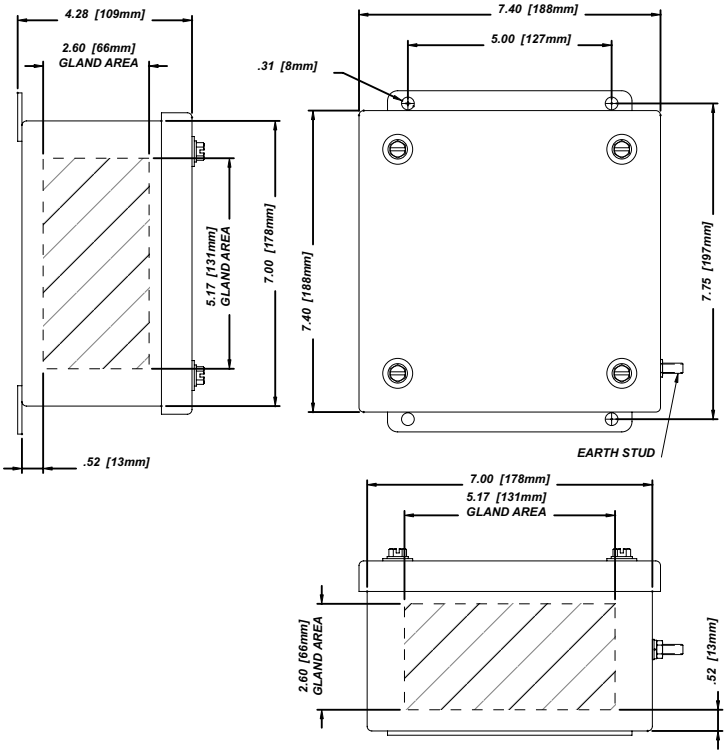
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 13 →			x	x	x	x	x	x	x	x
	2.5mm²	← 13 →				9	x	x	x	x	x	x
	4mm²	← 13 →					10	x	x	x	x	x
	6mm²	← 8 →							x	x	x	x
	10mm²	x	x	x	x	x	x	x	x	x	x	x
	16mm²	x	x	x	x	x	x	x	x	x	x	x
	35mm²	x	x	x	x	x	x	x	x	x	x	x

Note:

1. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
2. For applications requiring multiple terminal block configurations and ampacities, consult factory.
3. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
4. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TSC SERIES

7” X 7” X 4” SCREW COVER



ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304		STAINLESS STEEL 316L	
Catalog Number	Gland Plate	Catalog Number	Gland Plate
TSC4X-070704	None	TSC4X6-070704	None

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES			
Size		Without Gland Plates	
NPT	Metric	Sides A & B	Sides C & D
1/2	M16	8	8
3/4	M20	3	3
1	M25	3	3
1 1/4	M32	2	2
1 1/2	M40	2	2
2	M50	-	-
2 1/2	M63	-	-

MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 18 →			x	x	x	x	x	x	x	x
	2.5mm²	← 18 →				10	x	x	x	x	x	x
	4mm²	← 18 →					11	x	x	x	x	x
	6mm²	← 11 →						8	x	x	x	x
	10mm²	← 9 →							7	x	x	x
	16mm²	x	x	x	x	x	x	x	x	x	x	x
	35mm²	x	x	x	x	x	x	x	x	x	x	x

Note:
1. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
2. For applications requiring multiple terminal block configurations and ampacities, consult factory.
3. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
4. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

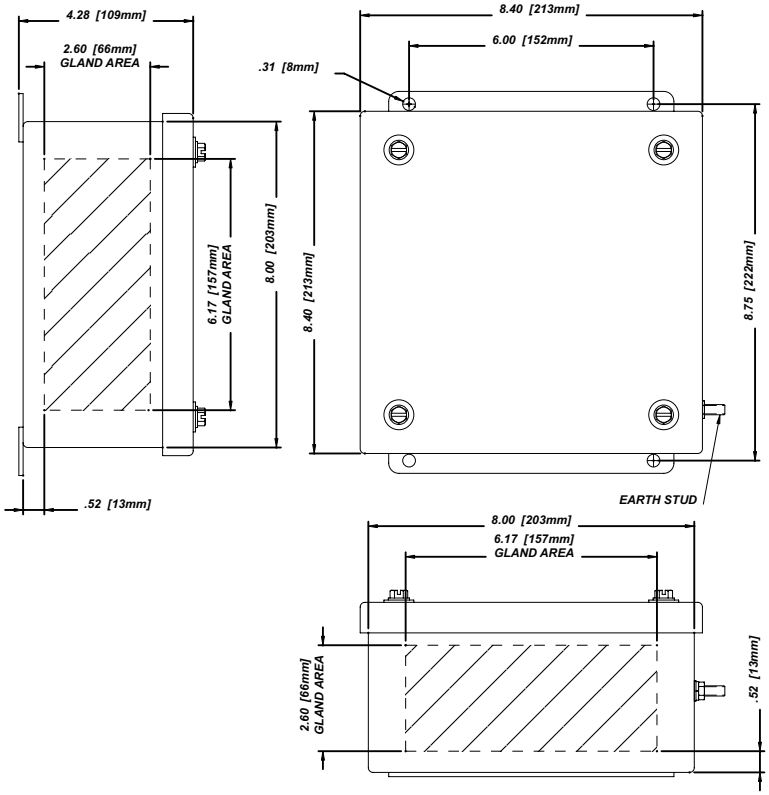
TSC SERIES

8" X 8" X 4" SCREW COVER

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304	
Catalog Number	Gland Plate
TSC4X-080804	None

STAINLESS STEEL 316L	
Catalog Number	Gland Plate
TSC4X6-080804	None



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES			
Size		Without Gland Plates	
NPT	Metric	Sides A & B	Sides C & D
1/2	M16	10	10
3/4	M20	4	44
1	M25	3	3
1 1/4	M32	2	2
1 1/2	M40	2	2
2	M50	-	-
2 1/2	M63	-	-

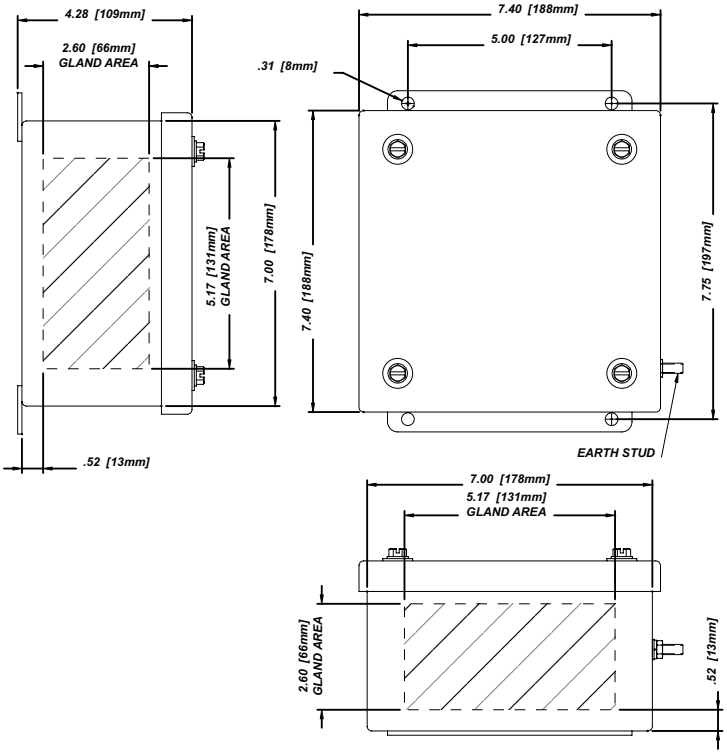
MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 23 →			x	x	x	x	x	x	x	x
	2.5mm²	← 23 →				19	11	x	x	x	x	x
	4mm²	← 23 →				21	12	x	x	x	x	x
	6mm²	← 14 →						9	x	x	x	x
	10mm²	← 11 →							7	x	x	x
	16mm²	x	x	x	x	x	x	x	x	x	x	x
	35mm²	x	x	x	x	x	x	x	x	x	x	x

Note:
1. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
2. For applications requiring multiple terminal block configurations and ampacities, consult factory.
3. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
4. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TSC SERIES

7” X 7” X 4” SCREW COVER



ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304		STAINLESS STEEL 316L	
Catalog Number	Gland Plate	Catalog Number	Gland Plate
TSC4X-070704	None	TSC4X6-070704	None

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES			
Size		Without Gland Plates	
NPT	Metric	Sides A & B	Sides C & D
1/2	M16	8	8
3/4	M20	3	3
1	M25	3	3
1 1/4	M32	2	2
1 1/2	M40	2	2
2	M50	-	-
2 1/2	M63	-	-

MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 18 →			x	x	x	x	x	x	x	x
	2.5mm²	← 18 →				10	x	x	x	x	x	x
	4mm²	← 18 →					11	x	x	x	x	x
	6mm²	← 11 →						8	x	x	x	x
	10mm²	← 9 →							7	x	x	x
	16mm²	x	x	x	x	x	x	x	x	x	x	x
	35mm²	x	x	x	x	x	x	x	x	x	x	x

Note:
1. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
2. For applications requiring multiple terminal block configurations and ampacities, consult factory.
3. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
4. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

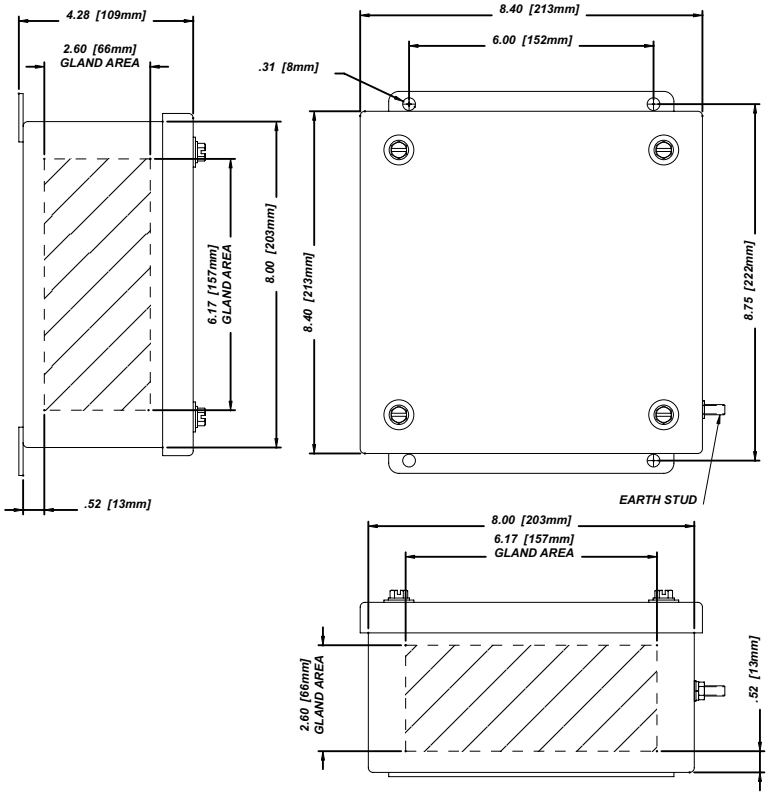
TSC SERIES

8” X 8” X 4” SCREW COVER

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304	
Catalog Number	Gland Plate
TSC4X-080804	None

STAINLESS STEEL 316L	
Catalog Number	Gland Plate
TSC4X6-080804	None



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES			
Size		Without Gland Plates	
NPT	Metric	Sides A & B	Sides C & D
1/2	M16	10	10
3/4	M20	4	44
1	M25	3	3
1 1/4	M32	2	2
1 1/2	M40	2	2
2	M50	-	-
2 1/2	M63	-	-

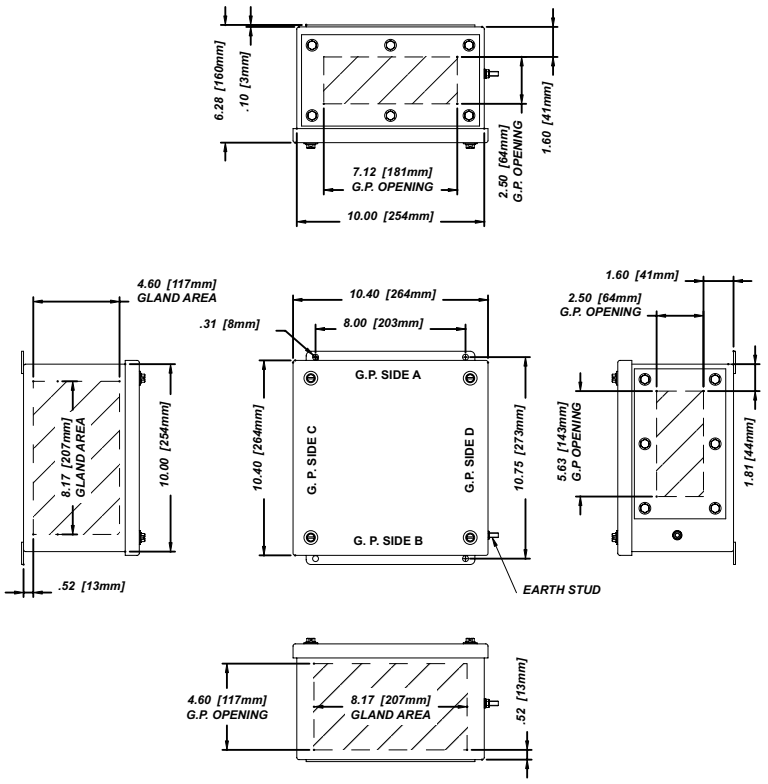
MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 23 →			x	x	x	x	x	x	x	x
	2.5mm²	← 23 →				19	11	x	x	x	x	x
	4mm²	← 23 →				21	12	x	x	x	x	x
	6mm²	← 14 →						9	x	x	x	x
	10mm²	← 11 →							7	x	x	x
	16mm²	x	x	x	x	x	x	x	x	x	x	x
	35mm²	x	x	x	x	x	x	x	x	x	x	x

Note:
1. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
2. For applications requiring multiple terminal block configurations and ampacities, consult factory.
3. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
4. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TSC SERIES

10” X 10” X 6” SCREW COVER



ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304	
Catalog Number	Gland Plate
TSC4X-101006	None
TSC4X-101006-B	Side B
TSC4X-101006-AB	Side A & B
TSC4X-101006-BCD	Side B, C & D
TSC4X-101006-ABCD	Sides A, B, C & D

STAINLESS STEEL 316L	
Catalog Number	Gland Plate
TSC4X6-101006	None
TSC4X6-101006-B	Side B
TSC4X6-101006-AB	Side A & B
TSC4X6-101006-BCD	Side B, C & D
TSC4X6-101006-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES					
Size		Without Gland Plates		With Gland Plates	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	18	18	10	8
3/4	M20	15	15	5	4
1	M25	8	8	4	3
1 1/4	M32	6	6	3	2
1 1/2	M40	4	4	2	2
2	M50	2	2	2	1
2 1/2	M63	2	2	-	-

MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 66 →		39	x	x	x	x	x	x	x	x
	2.5mm²	← 66 →			26	15	x	x	x	x	x	x
	4mm²	← 66 →				29	16	x	x	x	x	x
	6mm²	← 42 →					32	12	x	x	x	x
	10mm²	← 17 →						16	10	x	x	x
	16mm²	← 14 →								12	x	x
	35mm²	x	x	x	x	x	x	x	x	x	x	x

Note:

1. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
2. For applications requiring multiple terminal block configurations and ampacities, consult factory.
3. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
4. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

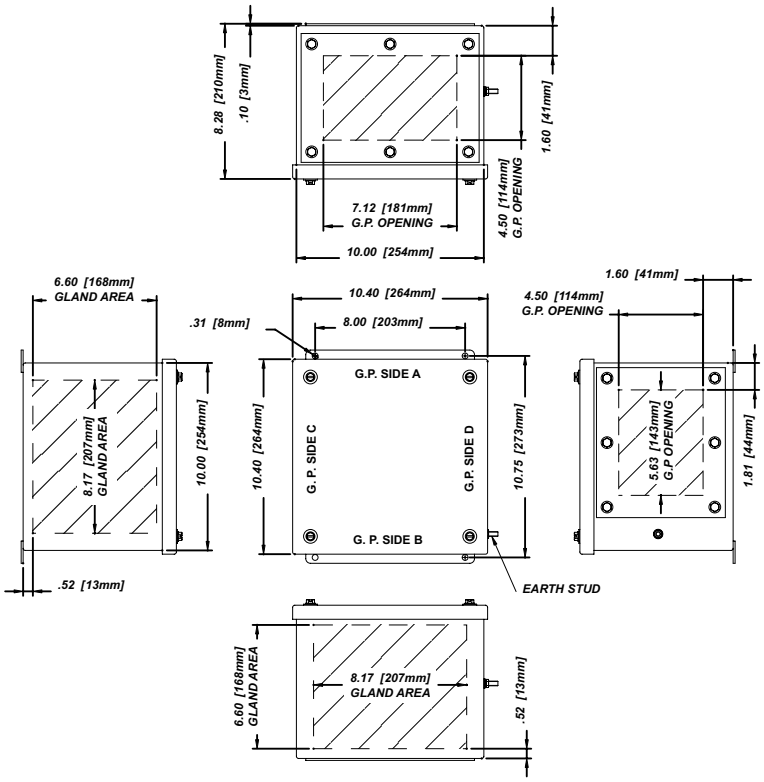
TSC SERIES

10” X 10” X 8” SCREW COVER

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304	
Catalog Number	Gland Plate
TSC4X-101008	None
TSC4X-101008-B	Side B
TSC4X-101008-AB	Side A & B
TSC4X-101008-BCD	Side B, C & D
TSC4X-101008-ABCD	Sides A, B, C & D

STAINLESS STEEL 316L	
Catalog Number	Gland Plate
TSC4X6-101008	None
TSC4X6-101008-B	Side B
TSC4X6-101008-AB	Side A & B
TSC4X6-101008-BCD	Side B, C & D
TSC4X6-101008-ABCD	Sides A, B, C & D



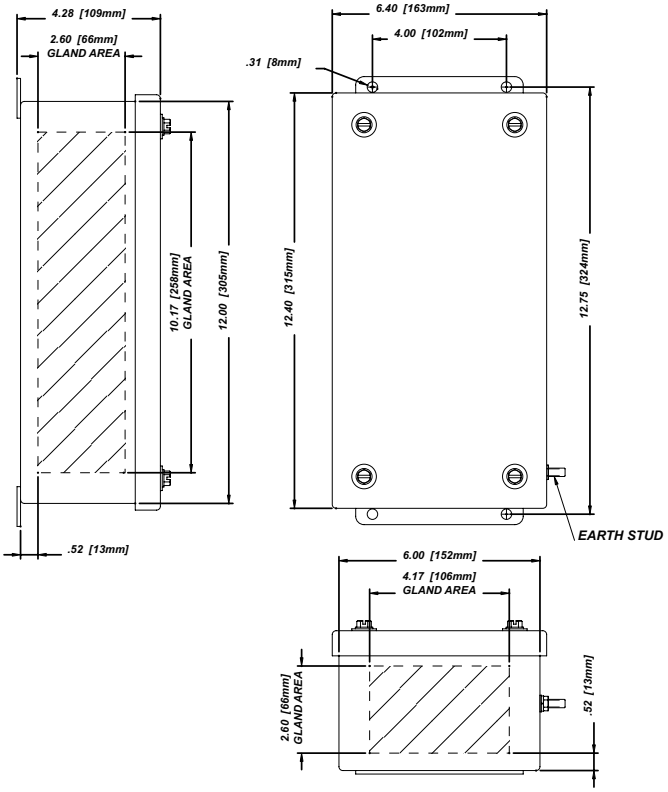
MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES					
Size		Without Gland Plates		With Gland Plates	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	30	30	15	12
3/4	M20	20	20	15	12
1	M25	12	12	8	6
1 1/4	M32	6	6	6	4
1 1/2	M40	6	6	2	2
2	M50	4	4	2	1
2 1/2	M63	2	2	2	1

MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 66 →		47	x	x	x	x	x	x	x	x
	2.5mm²	← 66 →			31	18	x	x	x	x	x	x
	4mm²	← 66 →				35	20	x	x	x	x	x
	6mm²	← 42 →					38	15	x	x	x	x
	10mm²	← 17 →							12	x	x	x
	16mm²	← 14 →									x	x
	35mm²	x	x	x	x	x	x	x	x	x	x	x

Note:
1. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
2. For applications requiring multiple terminal block configurations and ampacities, consult factory.
3. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
4. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TSC SERIES

12” X 6” X 4” SCREW COVER



ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304		STAINLESS STEEL 316L	
Catalog Number	Gland Plate	Catalog Number	Gland Plate
TSC4X-120604	None	TSC4X6-120604	None

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES			
Size		Without Gland Plates	
NPT	Metric	Sides A & B	Sides C & D
1/2	M16	6	16
3/4	M20	3	7
1	M25	2	5
1 1/4	M32	2	4
1 1/2	M40	1	4
2	M50	-	-
2 1/2	M63	-	-

MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	⟵ 43 ⟶		27	x	x	x	x	x	x	x	x
	2.5mm²	⟵ 43 ⟶			18	10	x	x	x	x	x	x
	4mm²	⟵ 43 ⟶				20	11	x	x	x	x	x
	6mm²	⟵ 27 ⟶					22	8	x	x	x	x
	10mm²	x	x	x	x	x	x	x	x	x	x	x
	16mm²	x	x	x	x	x	x	x	x	x	x	x
	35mm²	x	x	x	x	x	x	x	x	x	x	x

Note:
1. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
2. For applications requiring multiple terminal block configurations and ampacities, consult factory.
3. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
4. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TSC SERIES

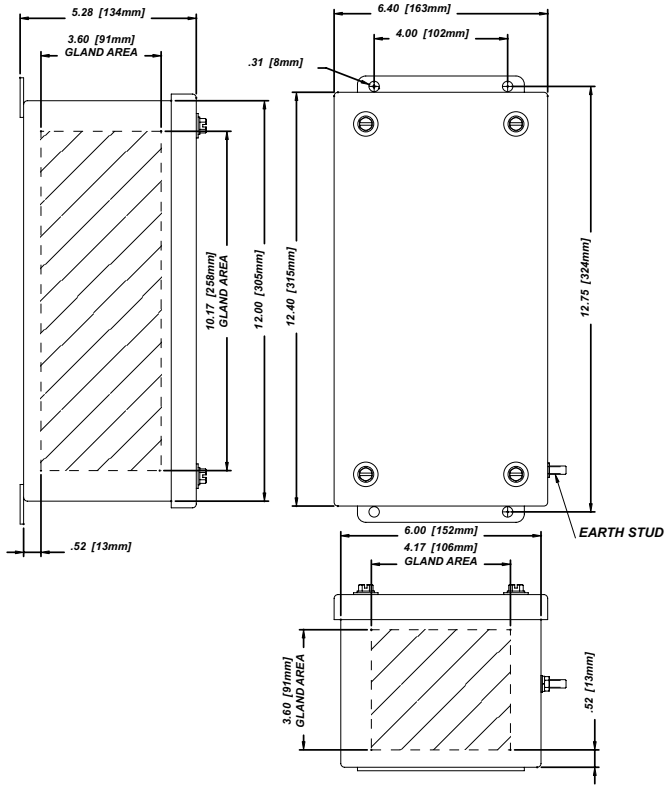
12” X 6” X 5” SCREW COVER

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304	
Catalog Number	Gland Plate
TSC4X-120605	None

STAINLESS STEEL 316L	
Catalog Number	Gland Plate
TSC4X6-120605	None

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES			
Size		Without Gland Plates	
NPT	Metric	Sides A & B	Sides C & D
1/2	M16	6	16
3/4	M20	6	14
1	M25	4	10
1 1/4	M32	2	4
1 1/2	M40	1	4
2	M50	1	3
2 1/2	M63	1	2

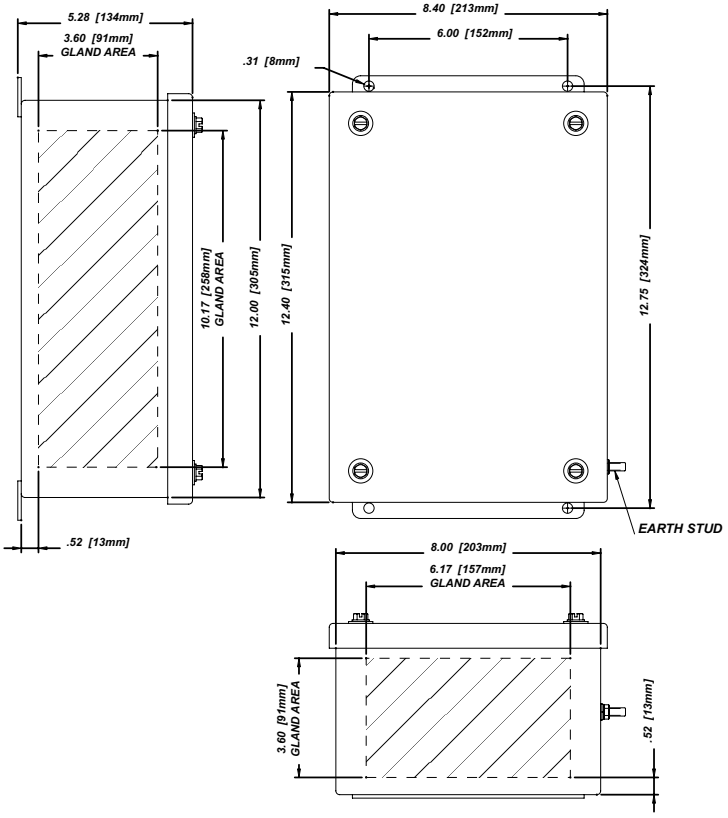


MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 43 →		30	x	x	x	x	x	x	x	x
	2.5mm²	← 43 →			20	12	x	x	x	x	x	x
	4mm²	← 43 →				23	13	x	x	x	x	x
	6mm²	← 27 →					25	9	x	x	x	x
	10mm²	x	x	x	x	x	x	x	x	x	x	x
	16mm²	x	x	x	x	x	x	x	x	x	x	x
	35mm²	x	x	x	x	x	x	x	x	x	x	x

Note:
1. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
2. For applications requiring multiple terminal block configurations and ampacities, consult factory.
3. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
4. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TSC SERIES

12" X 8" X 5" SCREW COVER



ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304		STAINLESS STEEL 316L	
Catalog Number	Gland Plate	Catalog Number	Gland Plate
TSC4X-120805	None	TSC4X6-120805	None

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES			
Size		Without Gland Plates	
NPT	Metric	Sides A & B	Sides C & D
1/2	M16	10	16
3/4	M20	8	14
1	M25	6	10
1 1/4	M32	2	4
1 1/2	M40	2	4
2	M50	2	3
2 1/2	M63	1	2

MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 43 →		30	x	x	x	x	x	x	x	x
	2.5mm²	← 43 →			20	12	x	x	x	x	x	x
	4mm²	← 43 →				23	13	x	x	x	x	x
	6mm²	← 27 →					25	9	x	x	x	x
	10mm²	← 22 →							8	x	x	x
	16mm²	x	x	x	x	x	x	x	x	x	x	x
	35mm²	x	x	x	x	x	x	x	x	x	x	x

Note:
1. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
2. For applications requiring multiple terminal block configurations and ampacities, consult factory.
3. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
4. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

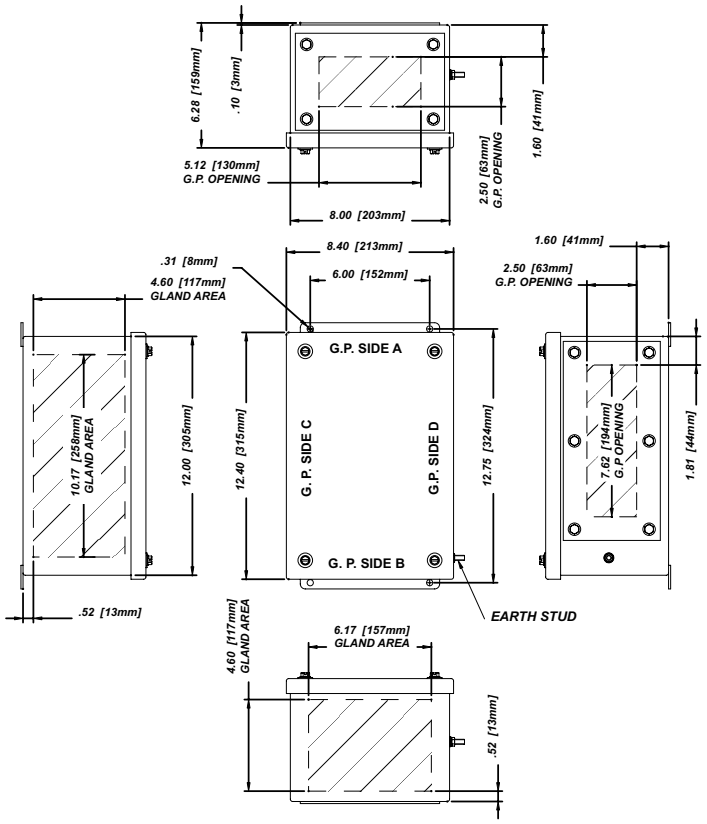
12" X 8" X 6" SCREW COVER

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304	
Catalog Number	Gland Plate
TSC4X-120806	None
TSC4X-120806-B	Side B
TSC4X-120806-AB	Side A & B
TSC4X-120806-BCD	Side B, C & D
TSC4X-120806-ABCD	Sides A, B, C & D

STAINLESS STEEL 316L	
Catalog Number	Gland Plate
TSC4X6-120806	None
TSC4X6-120806-B	Side B
TSC4X6-120806-AB	Side A & B
TSC4X6-120806-BCD	Side B, C & D
TSC4X6-120806-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES					
Size		Without Gland Plates		With Gland Plates	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	15	24	8	12
3/4	M20	12	21	3	5
1	M25	6	10	3	4
1 1/4	M32	4	8	2	3
1 1/2	M40	2	4	2	3
2	M50	2	3	1	3
2 1/2	M63	1	2	-	-



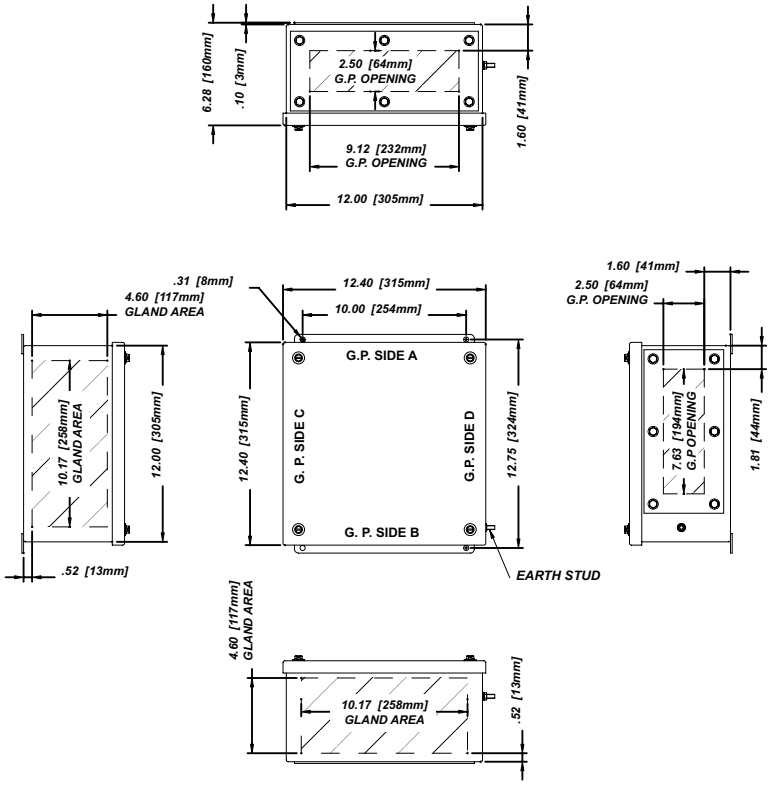
MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 43 →		34	x	x	x	x	x	x	x	x
	2.5mm²	← 43 →			22	13	x	x	x	x	x	x
	4mm²	← 43 →				25	14	x	x	x	x	x
	6mm²	← 27 →						11	x	x	x	x
	10mm²	← 22 →							8	x	x	x
	16mm²	x	x	x	x	x	x	x	x	x	x	x
	35mm²	x	x	x	x	x	x	x	x	x	x	x

Note:

1. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
2. For applications requiring multiple terminal block configurations and ampacities, consult factory.
3. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
4. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TSC SERIES

12” X 12” X 6” SCREW COVER



ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304	
Catalog Number	Gland Plate
TSC4X-121206	None
TSC4X-121206-B	Side B
TSC4X-121206-AB	Side A & B
TSC4X-121206-BCD	Side B, C & D
TSC4X-121206-ABCD	Sides A, B, C & D

STAINLESS STEEL 316L	
Catalog Number	Gland Plate
TSC4X6-121206	None
TSC4X6-121206-B	Side B
TSC4X6-121206-AB	Side A & B
TSC4X6-121206-BCD	Side B, C & D
TSC4X6-121206-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES					
Size		Without Gland Plates		With Gland Plates	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	24	24	14	12
3/4	M20	21	21	6	5
1	M25	10	10	5	4
1 1/4	M32	8	8	4	3
1 1/2	M40	4	4	3	3
2	M50	3	3	3	2
2 1/2	M63	2	2	-	-

MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 86 →		43	x	x	x	x	x	x	x	x
	2.5mm²	← 86 →			28	16	x	x	x	x	x	x
	4mm²	← 86 →				32	18	x	x	x	x	x
	6mm²	← 54 →					35	13	x	x	x	x
	10mm²	44						34	11	x	x	x
	16mm²	← 18 →								13	x	x
	35mm²	x	x	x	x	x	x	x	x	x	x	x

Note:
1. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
2. For applications requiring multiple terminal block configurations and ampacities, consult factory.
3. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
4. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TSC SERIES

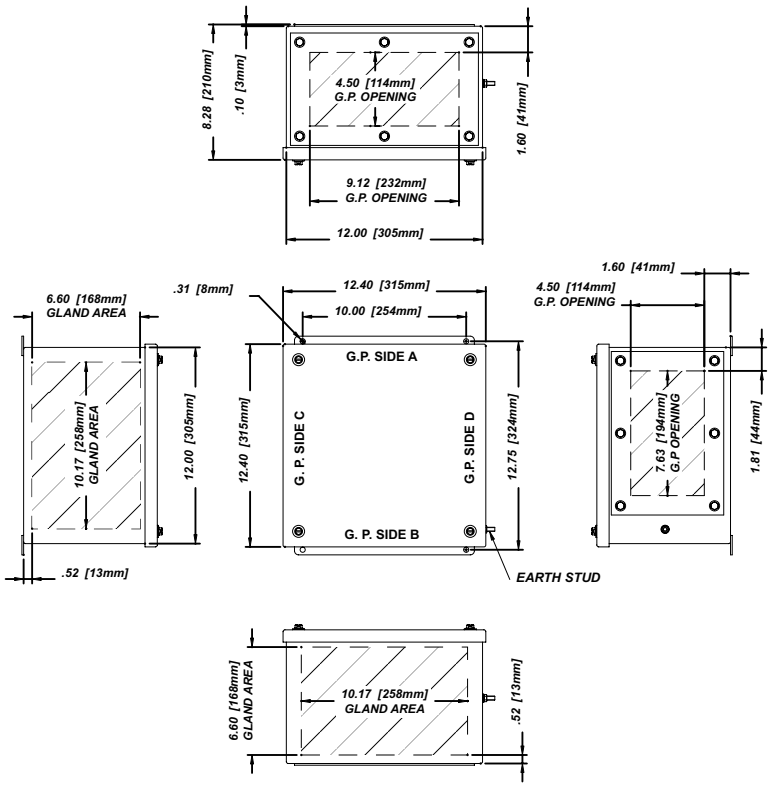
12" X 12" X 8" SCREW COVER

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304	
Catalog Number	Gland Plate
TSC4X-121208	None
TSC4X-121208-B	Side B
TSC4X-121208-AB	Side A & B
TSC4X-121208-BCD	Side B, C & D
TSC4X-121208-ABCD	Sides A, B, C & D

STAINLESS STEEL 316L	
Catalog Number	Gland Plate
TSC4X6-121208	None
TSC4X6-121208-B	Side B
TSC4X6-121208-AB	Side A & B
TSC4X6-121208-BCD	Side B, C & D
TSC4X6-121208-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES					
Size		Without Gland Plates		With Gland Plates	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	40	40	21	18
3/4	M20	28	28	18	15
1	M25	15	15	10	8
1 1/4	M32	8	8	8	6
1 1/2	M40	8	8	3	3
2	M50	6	6	3	2
2 1/2	M63	2	2	2	2

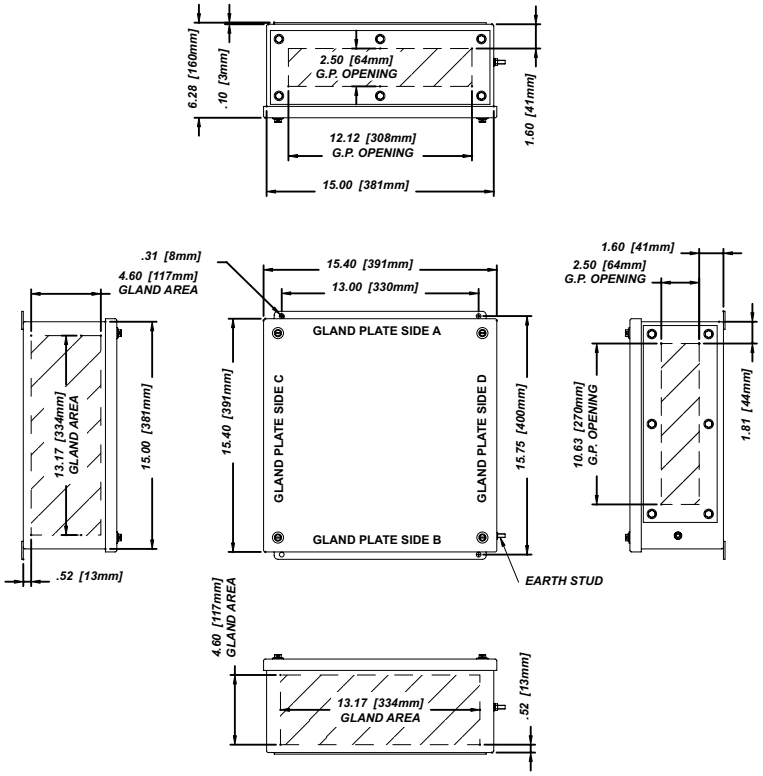


MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 86 →		50	x	x	x	x	x	x	x	x
	2.5mm²	← 86 →			33	19	x	x	x	x	x	x
	4mm²	← 86 →				38	21	x	x	x	x	x
	6mm²	← 54 →					41	16	x	x	x	x
	10mm²	← 44 →						40	13	x	x	x
	16mm²	← 18 →								15	x	x
	35mm²	x	x	x	x	x	x	x	x	x	x	x

Note:
1. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
2. For applications requiring multiple terminal block configurations and ampacities, consult factory.
3. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
4. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TSC SERIES

15” X 15” X 6” SCREW COVER



ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304	
Catalog Number	Gland Plate
TSC4X-151506	None
TSC4X-151506-B	Side B
TSC4X-151506-AB	Side A & B
TSC4X-151506-BCD	Side B, C & D
TSC4X-151506-ABCD	Sides A, B, C & D

STAINLESS STEEL 316L	
Catalog Number	Gland Plate
TSC4X6-151506	None
TSC4X6-151506-B	Side B
TSC4X6-151506-AB	Side A & B
TSC4X6-151506-BCD	Side B, C & D
TSC4X6-151506-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES					
Size		Without Gland Plates		With Gland Plates	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	30	30	18	16
3/4	M20	27	27	8	7
1	M25	14	14	6	5
1 1/4	M32	10	10	5	4
1 1/2	M40	5	5	4	4
2	M50	4	4	3	3
2 1/2	M63	3	3	-	-

MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 100 →		48	x	x	x	x	x	x	x	x
	2.5mm²	← 177 →			32	19	x	x	x	x	x	x
	4mm²	← 177 →			126	36	20	x	x	x	x	x
	6mm²	← 111 →					40	15	x	x	x	x
	10mm²	← 58 →						38	12	x	x	x
	16mm²	← 48 →							32	15	x	x
	35mm²	← 18 →										15

Note:
1. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
2. For applications requiring multiple terminal block configurations and ampacities, consult factory.
3. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
4. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TSC SERIES

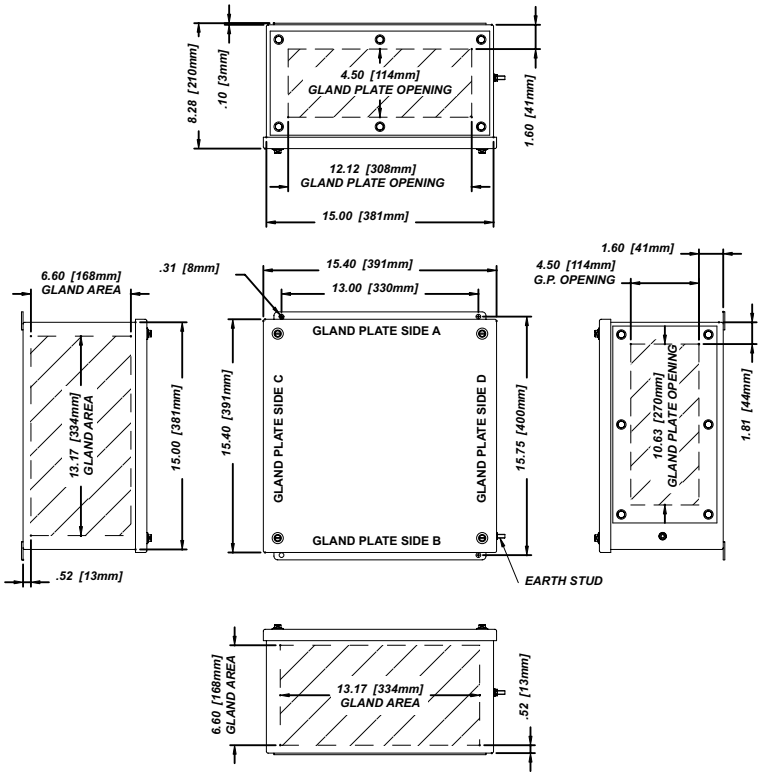
15” X 15” X 8” SCREW COVER

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304	
Catalog Number	Gland Plate
TSC4X-151508	None
TSC4X-151508-B	Side B
TSC4X-151508-AB	Side A & B
TSC4X-151508-BCD	Side B, C & D
TSC4X-151508-ABCD	Sides A, B, C & D

STAINLESS STEEL 316L	
Catalog Number	Gland Plate
TSC4X6-151508	None
TSC4X6-151508-B	Side B
TSC4X6-151508-AB	Side A & B
TSC4X6-151508-BCD	Side B, C & D
TSC4X6-151508-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES					
Size		Without Gland Plates		With Gland Plates	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	50	50	27	24
3/4	M20	36	36	24	21
1	M25	21	21	12	10
1 1/4	M32	10	10	10	8
1 1/2	M40	10	10	4	4
2	M50	8	8	3	3
2 1/2	M63	3	3	3	3

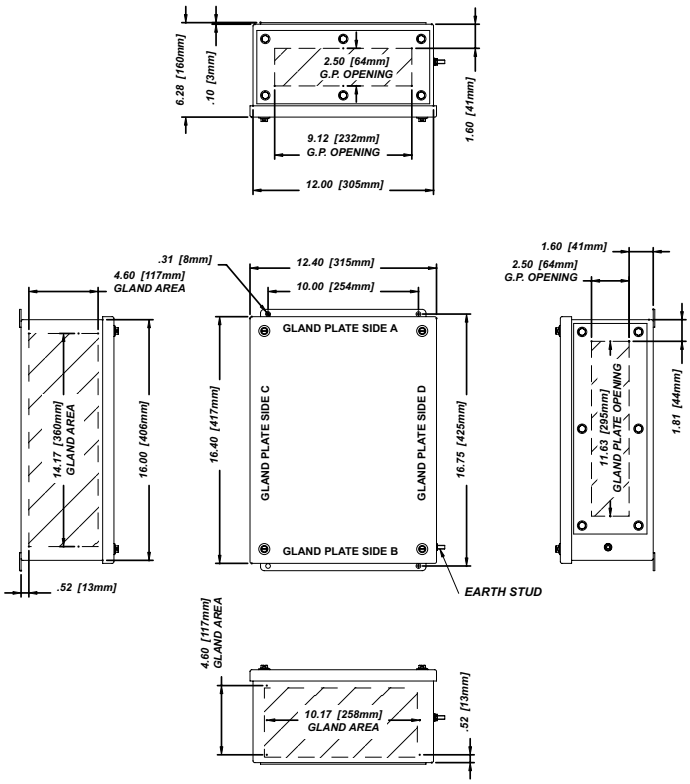


MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 115 →		56	x	x	x	x	x	x	x	x
	2.5mm²	← 177 →			37	21	x	x	x	x	x	x
	4mm²	← 177 →			144	42	23	x	x	x	x	x
	6mm²	← 111 →					45	18	x	x	x	x
	10mm²	← 58 →						44	14	x	x	x
	16mm²	← 48 →							37	17	x	x
	35mm²	← 18 →										

Note:
1. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
2. For applications requiring multiple terminal block configurations and ampacities, consult factory.
3. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
4. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TSC SERIES

16" X 12" X 6" SCREW COVER



ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304	
Catalog Number	Gland Plate
TSC4X-161206	None
TSC4X-161206-B	Side B
TSC4X-161206-AB	Side A & B
TSC4X-161206-BCD	Side B, C & D
TSC4X-161206-ABCD	Sides A, B, C & D

STAINLESS STEEL 316L	
Catalog Number	Gland Plate
TSC4X6-161206	None
TSC4X6-161206-B	Side B
TSC4X6-161206-AB	Side A & B
TSC4X6-161206-BCD	Side B, C & D
TSC4X6-161206-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES					
Size		Without Gland Plates		With Gland Plates	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	24	33	14	18
3/4	M20	21	27	6	8
1	M25	10	14	5	6
1 1/4	M32	8	12	4	5
1 1/2	M40	4	5	3	4
2	M50	3	4	3	3
2 1/2	M63	2	3	-	-

MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 94 →		46	x	x	x	x	x	x	x	x
	2.5mm²	← 128 →			30	17	x	x	x	x	x	x
	4mm²	← 128 →			118	34	19	x	x	x	x	x
	6mm²	← 80 →					37	14	x	x	x	x
	10mm²	← 64 →						36	12	x	x	x
	16mm²	← 26 →								14	x	x
	35mm²	x	x	x	x	x	x	x	x	x	x	x

Note:

1. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
2. For applications requiring multiple terminal block configurations and ampacities, consult factory.
3. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
4. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

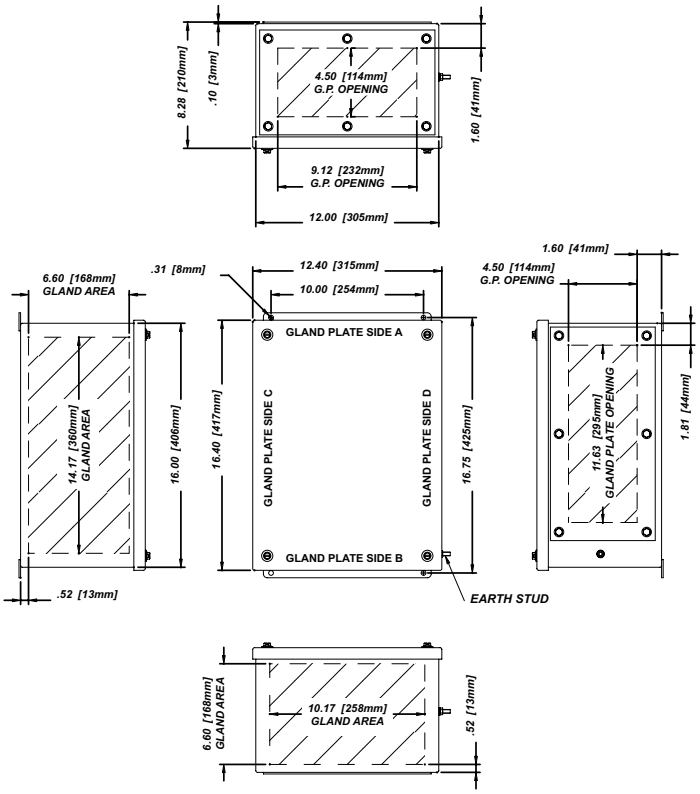
16" X 12" X 8" SCREW COVER

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304	
Catalog Number	Gland Plate
TSC4X-161208	None
TSC4X-161208-B	Side B
TSC4X-161208-AB	Side A & B
TSC4X-161208-BCD	Side B, C & D
TSC4X-161208-ABCD	Sides A, B, C & D

STAINLESS STEEL 316L	
Catalog Number	Gland Plate
TSC4X6-161208	None
TSC4X6-161208-B	Side B
TSC4X6-161208-AB	Side A & B
TSC4X6-161208-BCD	Side B, C & D
TSC4X6-161208-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES					
Size		Without Gland Plates		With Gland Plates	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	40	55	21	27
3/4	M20	28	36	18	24
1	M25	15	21	10	12
1 1/4	M32	8	12	8	10
1 1/2	M40	8	10	3	4
2	M50	6	8	3	3
2 1/2	M63	2	3	2	3



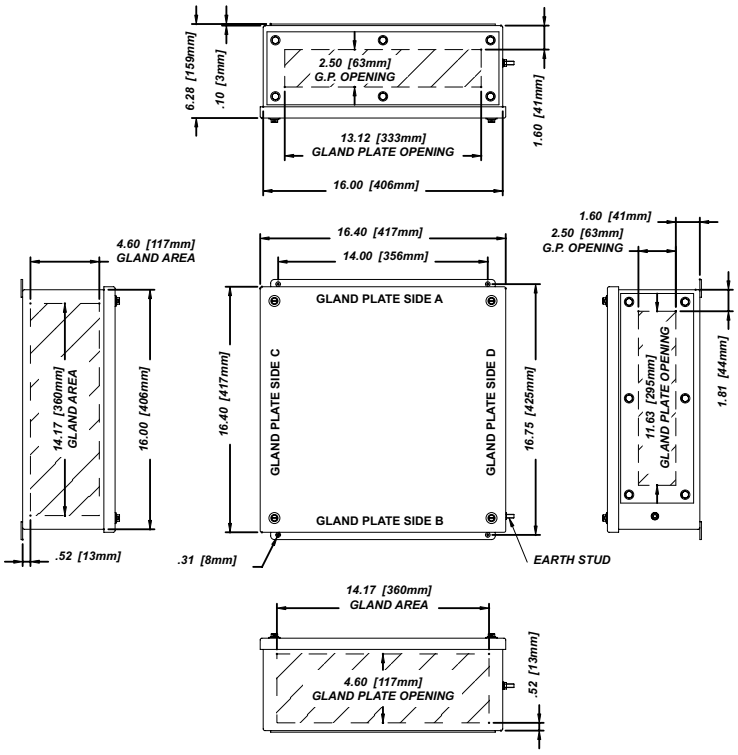
MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	⟵ 109 ⟶		53	x	x	x	x	x	x	x	x
	2.5mm²	⟵ 128 ⟶			35	20	x	x	x	x	x	x
	4mm²	⟵ 128 ⟶				40	27	x	x	x	x	x
	6mm²	⟵ 80 ⟶					43	17	x	x	x	x
	10mm²	⟵ 64 ⟶						42	13	x	x	x
	16mm²	⟵ 26 ⟶								18	x	x
	35mm²	x	x	x	x	x	x	x	x	x	x	x

Note:

1. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
2. For applications requiring multiple terminal block configurations and ampacities, consult factory.
3. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
4. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TSC SERIES

16” X 16” X 6” SCREW COVER



ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304	
Catalog Number	Gland Plate
TSC4X-161606	None
TSC4X-161606-B	Side B
TSC4X-161606-AB	Side A & B
TSC4X-161606-BCD	Side B, C & D
TSC4X-161606-ABCD	Sides A, B, C & D

STAINLESS STEEL 316L	
Catalog Number	Gland Plate
TSC4X6-161606	None
TSC4X6-161606-B	Side B
TSC4X6-161606-AB	Side A & B
TSC4X6-161606-BCD	Side B, C & D
TSC4X6-161606-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES					
Size		Without Gland Plates		With Gland Plates	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	33	33	20	18
3/4	M20	27	27	9	8
1	M25	14	14	7	6
1 1/4	M32	12	12	5	5
1 1/2	M40	5	5	5	4
2	M50	4	4	4	3
2 1/2	M63	3	3	-	-

MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	⟵ 104 ⟶		50	x	x	x	x	x	x	x	x
	2.5mm²	⟵ 192 ⟶			33	19	x	x	x	x	x	x
	4mm²	⟵ 192 ⟶			130	38	21	x	x	x	x	x
	6mm²	⟵ 120 ⟶					41	16	x	x	x	x
	10mm²	⟵ 96 ⟶						40	13	x	x	x
	16mm²	⟵ 52 ⟶							33	15	x	x
	35mm²	⟵ 20 ⟶										16

Note:
1. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
2. For applications requiring multiple terminal block configurations and ampacities, consult factory.
3. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
4. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TSC SERIES

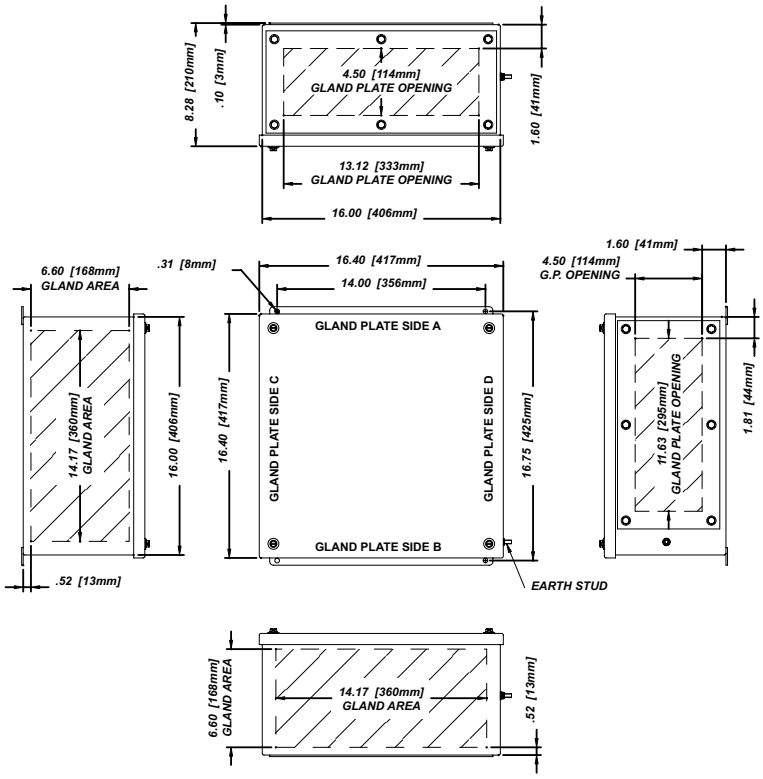
16" X 16" X 8" SCREW COVER

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304	
Catalog Number	Gland Plate
TSC4X-161608	None
TSC4X-161608-B	Side B
TSC4X-161608-AB	Side A & B
TSC4X-161608-BCD	Side B, C & D
TSC4X-161608-ABCD	Sides A, B, C & D

STAINLESS STEEL 316L	
Catalog Number	Gland Plate
TSC4X6-161608	None
TSC4X6-161608-B	Side B
TSC4X6-161608-AB	Side A & B
TSC4X6-161608-BCD	Side B, C & D
TSC4X6-161608-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES					
Size		Without Gland Plates		With Gland Plates	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	55	55	30	27
3/4	M20	36	36	27	24
1	M25	21	21	14	12
1 1/4	M32	12	12	10	10
1 1/2	M40	10	10	5	4
2	M50	8	8	4	3
2 1/2	M63	3	3	3	3

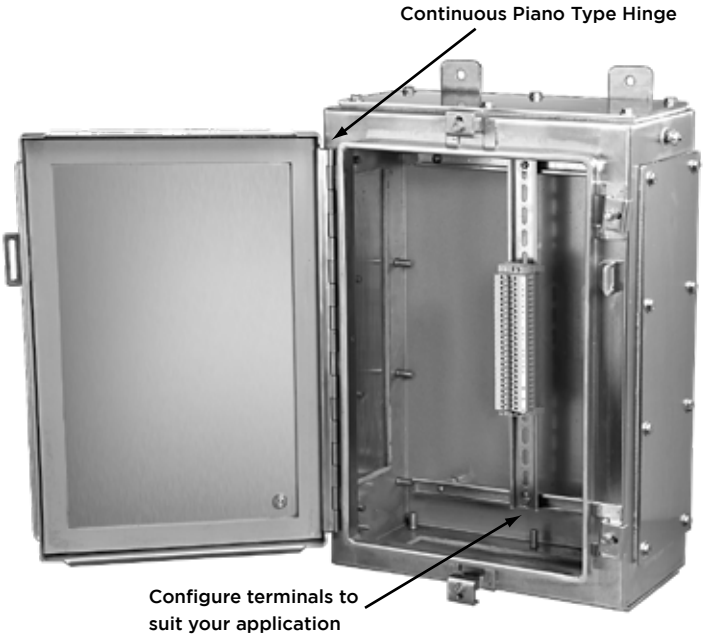


MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 119 →		58	x	x	x	x	x	x	x	x
	2.5mm²	← 192 →			38	22	x	x	x	x	x	x
	4mm²	← 192 →			130	38	21	x	x	x	x	x
	6mm²	← 120 →					47	18	x	x	x	x
	10mm²	← 96 →						46	15	x	x	x
	16mm²	← 52 →							38	17	x	x
	35mm²	← 20 →										18

Note:
1. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
2. For applications requiring multiple terminal block configurations and ampacities, consult factory.
3. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
4. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TN SERIES

TN SERIES: INCREASED SAFETY TERMINAL ENCLOSURES



Certifications

POPULATED ENCLOSURE

Class I, Division 2, Groups A, B, C, and D
Class II, Division 2, Groups F and G
Class I, Zone 1, AEx e II (T5: Ta < +55°C) (T4: Ta < +70°C)
ATEX Directive 94/9/EC
Class I, Zone 1, Exe II T6 (T5: Ta < +55°C) (T4: Ta < +70°C)
Class I, Zone 1, Exe II T6 (T5: Ta < +55°C) (T4: Ta < +70°C)
NEMA Type 4X, 12, and 13

EMPTY ENCLOSURE

Class II, Division 2
Class I, Zone 1, AEx e II
Class I, Zone 1 Exe II
Ex tD A21 IP66
NEMA 4X, 12, and 13

PRODUCT INFORMATION

Features

- Type 316L Stainless steel cover clamps and screws
- Continuous piano hinge with removable stainless steel hinge pin
- Universal DIN rail mounting system (Except 050503)
- One-piece, NEMA 4 / IP66 water-tight gasket
- Internal/external grounding provisions
- Welded-on mounting feet / tabs
- Ambient temperature range -40°C to +70°C
- Padlock hasp and staple

Material

- Enclosure and gland plates Type 304 or 316L
- Cover clamps and screws are 316L
- NEMA 4 / IP66 water-tight gasket is form in place (FIP)
- Box / cover constructed from 14 gauge (0.75) stainless steel with #3/#4 brush finish
- Gland plates constructed from 10 gauge (.1345) stainless steel with #3/#4 brush finish
- Silicone gasket
- Gland plate gasket constructed from 1/8" Bisco silicone with Acrylic PSA

Design Options

- Gland Plates (6" depths or greater) with continuous gasket
- Painted steel or stainless steel inner mounting panel
- Drilled entries / cut-outs
- Stopping plugs and breather / drain
- Terminal block assemblies and ground bars
- Cable glands
- Window kits
- Custom sizes
- Multiple coating options for additional corrosion resistance

TN SERIES

MAXIMUM TERMINAL BLOCK CONTENT																
				2.5mm²		4mm²		6mm²		10mm²		16mm²		35mm²	
Catalog Number	Depth			# Rows	Qty.	# Rows	Qty.	# Rows	Qty.	# Rows	Qty.	# Rows	Qty.	# Rows	Qty.
TN4X6-1224	06	08	-	5	170	5	170	5	105	5	85	3	42	2	20
TN4X6-1612	06	08	10	2	108	2	108	2	68	2	54	1	22	-	-
TN4X6-1616	06	08	-	3	162	3	162	3	102	3	81	2	44	1	17
TN4X6-1620	06	08	-	4	216	4	216	4	136	4	108	3	66	1	17
TN4X6-2012	06	08	-	2	148	2	148	2	94	2	74	1	31	-	-
TN4X6-201407	-	-	-	3	222	3	222	3	141	2	74	2	62	1	23
TN4X6-2016	06	08	10	3	222	3	222	3	141	3	111	2	62	1	23
TN4X6-2020	06	08	10	4	296	4	296	4	188	4	148	3	93	1	23
TN4X6-2024	06	08	-	5	370	5	370	5	235	5	185	3	93	2	46
TN4X6-2412	06	08	10	2	190	2	190	2	120	2	96	1	39	-	-
TN4X6-2416	06	08	-	3	285	3	285	3	180	3	144	2	78	1	29
TN4X6-2420	06	08	10	4	380	4	380	4	240	4	192	3	117	1	29
TN4X6-2424	06	08	10	5	475	5	475	5	300	5	240	3	117	2	58
TN4X6-2430	-	08	-	7	665	7	665	7	420	6	288	5	195	3	87
TN4X6-251807	-	-	-	4	400	4	400	4	252	3	150	2	84	1	31
TN4X6-3016	06	-	-	3	375	3	375	3	237	3	189	2	104	1	39
TN4X6-3020	06	08	10	4	500	4	500	4	316	4	252	3	156	1	39
TN4X6-302207	-	-	-	5	625	5	625	5	395	4	252	3	156	2	78
TN4X6-3024	06	08	10	5	625	5	625	5	395	5	315	3	156	2	78
TN4X6-3030	-	08	-	7	875	7	875	7	553	6	378	5	260	3	117
TN4X6-3036	-	08	-	8	1000	8	1000	8	632	7	441	6	312	3	117
TN4X6-362406	08	10	-	5	780	5	780	5	495	5	390	3	195	2	96
TN4X6-362507	-	-	-	6	936	6	936	6	594	5	390	4	260	2	96
TN4X6-3630	06	08	10	7	1092	7	1092	7	693	6	468	5	325	3	144
TN4X6-3636	-	08	-	8	1248	8	1248	8	792	7	546	6	390	3	144
TN4X6-392907	-	-	-	7	1197	7	1197	7	756	6	516	4	284	2	106
TN4X6-4224	-	08	-	5	930	5	930	5	590	5	470	3	234	2	116
TN4X6-4230	-	08	10	7	1302	7	1302	7	826	6	564	5	390	3	174
TN4X6-4236	-	08	10	8	1488	8	1488	8	944	7	658	6	468	3	174
TN4X6-4824	-	08	-	5	1085	5	1085	5	685	5	545	3	273	2	134
TN4X6-4830	-	08	10	7	1519	7	1519	7	959	6	654	5	455	3	201
TN4X6-4836	-	08	10	8	1736	8	1736	8	1096	7	763	6	546	3	201
TN4X6-6036	-	08	10	8	2224	8	2224	8	1408	7	980	6	696	3	258

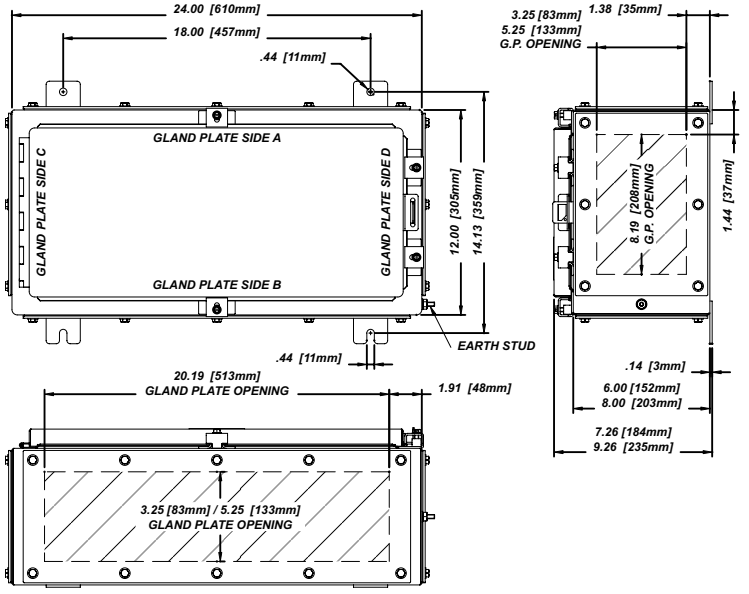
Note:

1. The TN4 Series is available either in SS316L (TN4X6) or SS304 (TN4X).
2. Refer to enclosure catalog page for dimensional information.
3. The maximum terminal block content is based on the following maximum permitted continuous current and minimum conductor size (See chart right)
4. For higher ampacities refer to enclosure catalog page.
5. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
6. For applications requiring multiple terminal block configurations and ampacities, consult factory.
7. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.

Max Current	Min Conductor Size	
10 AMPS	2.5mm²	(14 AWG)
10 AMPS	4mm²	(12 AWG)
20 AMPS	6mm²	(10 AWG)
25 AMPS	10mm²	(8 AWG)
35 AMPS	16mm²	(6 AWG)
63 AMPS	35mm²	(2 AWG)

TN SERIES

12” X 24” CLAMPED DOOR



ENCLOSURES WITH TERMINALS

	STAINLESS STEEL 316L	
6” (152.4mm) Depth	Catalog Number	Gland Plate
	TN4X6-122406	None
	TN4X6-122406-B	Side B
	TN4X6-122406-AB	Side A & B
	TN4X6-122406-BCD	Side B, C & D
	TN4X6-122406-ABCD	Sides A, B, C & D

	STAINLESS STEEL 316L	
8” (203.2mm) Depth	Catalog Number	Gland Plate
	TN4X6-122408	None
	TN4X6-122408-B	Side B
	TN4X6-122408-AB	Side A & B
	TN4X6-122408-BCD	Side B, C & D
	TN4X6-122408-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

Size		Without Gland Plates						With Gland Plates					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	95	114	-	45	54	-	32	64	-	12	24	-
3/4	M20	64	80	-	32	40	-	26	39	-	10	15	-
1	M25	39	52	-	18	24	-	22	33	-	4	12	-
1 1/4	M32	20	30	-	10	15	-	8	16	-	3	6	-
1 1/2	M40	18	27	-	8	12	-	7	14	-	3	6	-
2	M50	14	14	-	6	6	-	6	6	-	2	2	-
2 1/2	M63	6	12	-	3	6	-	5	5	-	2	2	-

MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	⟵ 99 ⟶		48	x	x	x	x	x	x	x	x
	2.5mm²	⟵ 170 ⟶			32	18	x	x	x	x	x	x
	4mm²	⟵ 170 ⟶			124	26	20	x	x	x	x	x
	6mm²	⟵ 105 ⟶					39	15	x	x	x	x
	10mm²	⟵ 85 ⟶						38	12	x	x	x
	16mm²	⟵ 42 ⟶							31	14	x	x
	35mm²	⟵ 20 ⟶									15	

Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

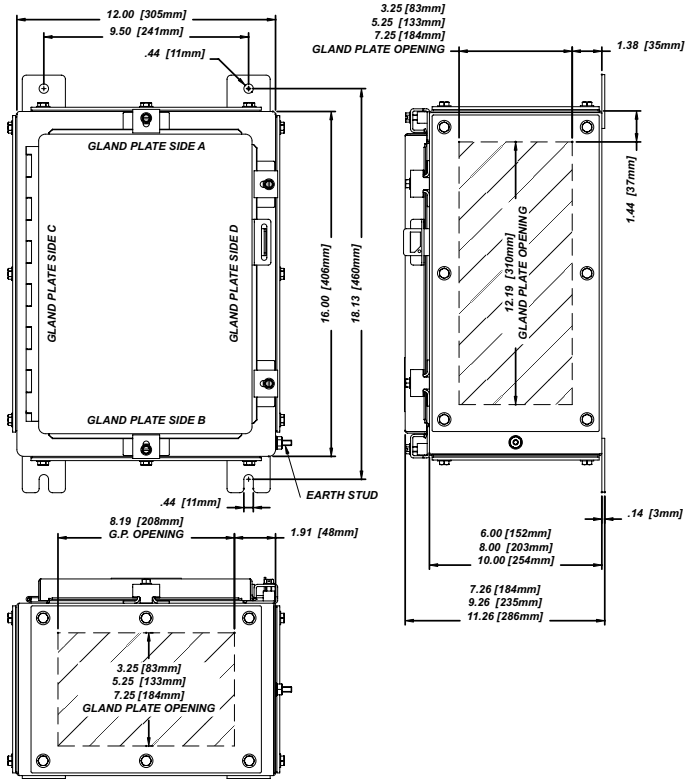
16” X 12” CLAMPED DOOR

ENCLOSURES WITH TERMINALS

6” (152.4mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-161206	None
	TN4X6-161206-B	Side B
	TN4X6-161206-AB	Side A & B
	TN4X6-161206-BCD	Side B, C & D
	TN4X6-161206-ABCD	Sides A, B, C & D

8” (203.2mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-161208	None
	TN4X6-161208-B	Side B
	TN4X6-161208-AB	Side A & B
	TN4X6-161208-BCD	Side B, C & D
	TN4X6-161208-ABCD	Sides A, B, C & D

10” (254.0mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-161210	None
	TN4X6-161210-B	Side B
	TN4X6-161210-AB	Side A & B
	TN4X6-161210-BCD	Side B, C & D
	TN4X6-161210-ABCD	Sides A, B, C & D



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

Size		Without Gland Plates						With Gland Plates					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	45	54	72	60	72	96	12	24	36	18	36	54
3/4	M20	32	40	48	40	50	60	10	15	25	16	24	40
1	M25	18	24	30	24	32	40	4	12	16	6	18	24
1 1/4	M32	10	15	20	12	18	24	3	6	9	5	10	15
1 1/2	M40	8	12	16	10	15	20	3	6	6	4	8	8
2	M50	6	6	9	8	8	12	2	2	4	3	3	6
2 1/2	M63	3	6	6	4	8	8	2	2	4	3	3	6

MAXIMUM TERMINAL BLOCK CONTENT

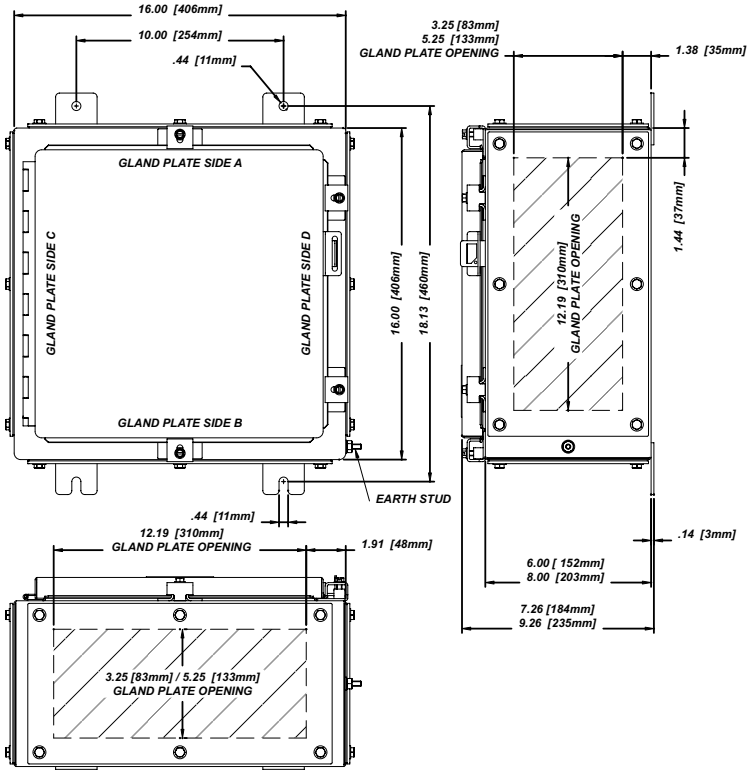
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 94 →		46	x	x	x	x	x	x	x	x
	2.5mm²	← 108 →			30	17	x	x	x	x	x	x
	4mm²	← 108 →			34	19	21	x	x	x	x	x
	6mm²	← 68 →					37	14	x	x	x	x
	10mm²	← 54 →						36	12	x	x	x
	16mm²	← 22 →							30	14	x	x
	35mm²	x	x	x	x	x	x	x	x	x	x	x

Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TN SERIES

16” X 16” CLAMPED DOOR



ENCLOSURES WITH TERMINALS

6” (152.4mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-161606	None
	TN4X6-161606-B	Side B
	TN4X6-161606-AB	Side A & B
	TN4X6-161606-BCD	Side B, C & D
	TN4X6-161606-ABCD	Sides A, B, C & D

8” (203.2mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-161608	None
	TN4X6-161608-B	Side B
	TN4X6-161608-AB	Side A & B
	TN4X6-161608-BCD	Side B, C & D
	TN4X6-161608-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES												
Size		Without Gland Plates						With Gland Plates				
		Sides A & B			Sides C & D			Sides A & B			Sides C & D	
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	65	78	-	60	72	-	18	36	-	18	36	-
3/4	M20	40	50	-	40	50	-	16	24	-	16	24	-
1	M25	24	32	-	24	32	-	6	18	-	6	18	-
1 1/4	M32	12	18	-	12	18	-	5	10	-	5	10	-
1 1/2	M40	12	18	-	10	15	-	4	8	-	4	8	-
2	M50	10	10	-	8	8	-	3	3	-	3	3	-
2 1/2	M63	4	8	-	4	8	-	3	3	-	3	3	-

MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	⟵ 104 ⟶		50	x	x	x	x	x	x	x	x
	2.5mm²	⟵ 162 ⟶			33	19	x	x	x	x	x	x
	4mm²	⟵ 162 ⟶			130	38	21	x	x	x	x	x
	6mm²	⟵ 102 ⟶					41	16	x	x	x	x
	10mm²	⟵ 81 ⟶						40	13	x	x	x
	16mm²	⟵ 44 ⟶							33	15	x	x
	35mm²	⟵ 17 ⟶										7

Note:

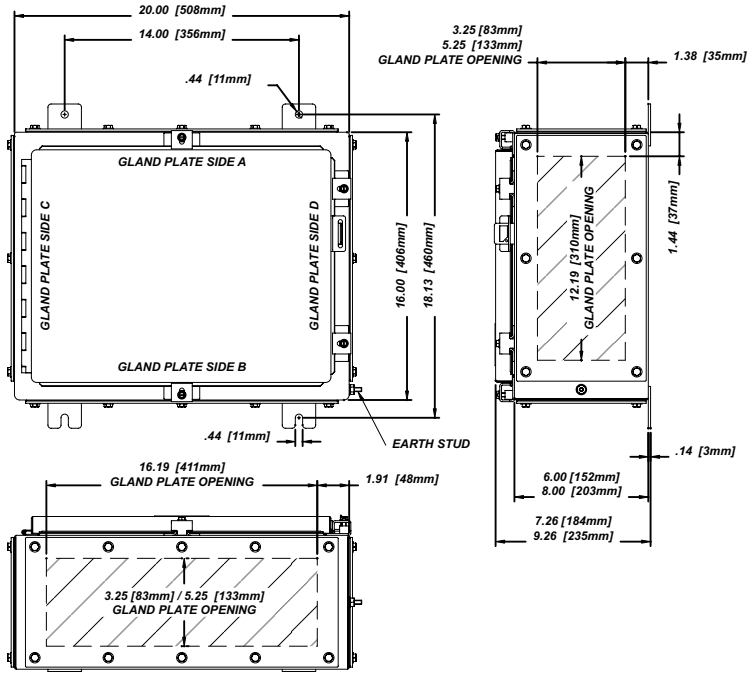
1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

16” X 20” CLAMPED DOOR

ENCLOSURES WITH TERMINALS

	STAINLESS STEEL 316L	
6” (152.4mm) Depth	Catalog Number	Gland Plate
	TN4X6-162006	None
	TN4X6-162006-B	Side B
	TN4X6-162006-AB	Side A & B
	TN4X6-162006-BCD	Side B, C & D
	TN4X6-162006-ABCD	Sides A, B, C & D

	STAINLESS STEEL 316L	
8” (203.2mm) Depth	Catalog Number	Gland Plate
	TN4X6-162008	None
	TN4X6-162008-B	Side B
	TN4X6-162008-AB	Side A & B
	TN4X6-162008-BCD	Side B, C & D
	TN4X6-162008-ABCD	Sides A, B, C & D



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES													
Size		Without Gland Plates						With Gland Plates					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	80	96	-	60	72	-	26	52	-	18	36	-
3/4	M20	52	65	-	40	50	-	22	33	-	16	24	-
1	M25	30	40	-	24	32	-	8	24	-	6	18	-
1 1/4	M32	16	24	-	12	18	-	7	14	-	5	10	-
1 1/2	M40	14	21	-	10	15	-	6	12	-	4	8	-
2	M50	12	12	-	8	8	-	5	5	-	3	3	-
2 1/2	M63	5	10	-	4	8	-	4	4	-	3	3	-

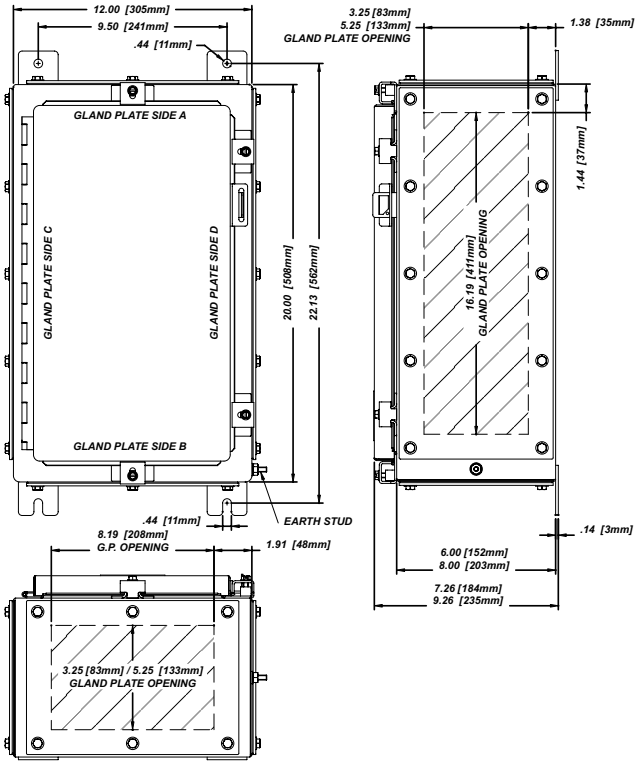
MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 110 →		53	x	x	x	x	x	x	x	x
	2.5mm²	← 216 →			35	20	x	x	x	x	x	x
	4mm²	← 216 →			138	40	22	x	x	x	x	x
	6mm²	← 136 →					43	17	x	x	x	x
	10mm²	← 108 →						42	13	x	x	x
	16mm²	← 66 →							35	16	x	x
	35mm²	← 17 →										

Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TN SERIES

20" X 12" CLAMPED DOOR



ENCLOSURES WITH TERMINALS

	STAINLESS STEEL 316L	
6" (152.4mm) Depth	Catalog Number	Gland Plate
	TN4X6-201206	None
	TN4X6-201206-B	Side B
	TN4X6-201206-AB	Side A & B
	TN4X6-201206-BCD	Side B, C & D
	TN4X6-201206-ABCD	Sides A, B, C & D

	STAINLESS STEEL 316L	
8" (203.2mm) Depth	Catalog Number	Gland Plate
	TN4X6-201208	None
	TN4X6-201208-B	Side B
	TN4X6-201208-AB	Side A & B
	TN4X6-201208-BCD	Side B, C & D
	TN4X6-201208-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES												
Size		Without Gland Plates						With Gland Plates				
		Sides A & B			Sides C & D			Sides A & B			Sides C & D	
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	40	48	-	75	80	-	12	14	-	26	52	-
3/4	M20	28	35	-	48	60	-	10	15	-	22	33	-
1	M25	18	24	-	30	40	-	4	12	-	8	24	-
1 1/4	M32	8	12	-	16	24	-	3	6	-	7	14	-
1 1/2	M40	8	12	-	14	21	-	3	6	-	6	12	-
2	M50	6	6	-	10	10	-	2	2	-	5	5	-
2 1/2	M63	3	6	-	5	10	-	2	2	-	4	4	-

MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 97 →		47	x	x	x	x	x	x	x	x
	2.5mm²	← 148 →			31	18	x	x	x	x	x	x
	4mm²	← 148 →			122	35	20	x	x	x	x	x
	6mm²	← 94 →					36	15	x	x	x	x
	10mm²	← 74 →						37	12	x	x	x
	16mm²	← 31 →								14	x	x
	35mm²	x	x	x	x	x	x	x	x	x	x	x

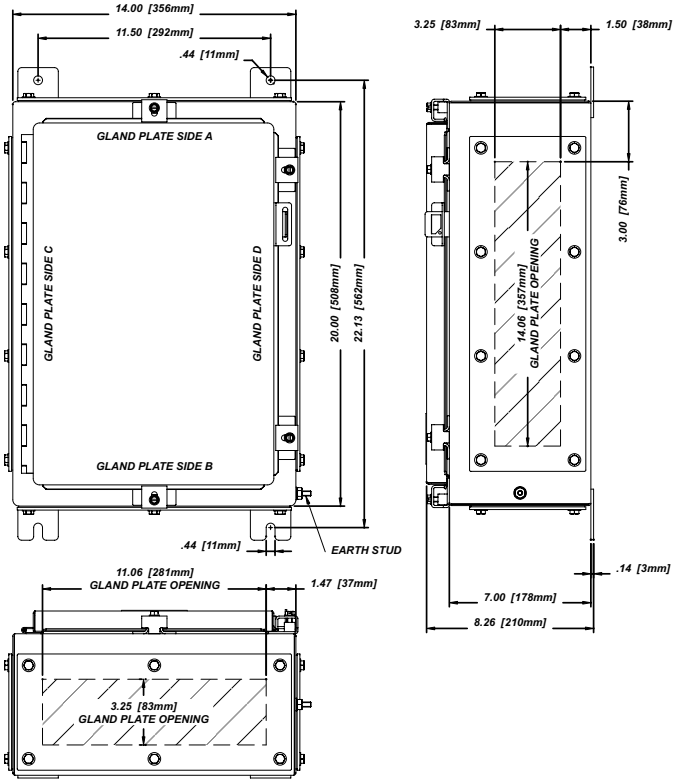
Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

20” X 14” X 7” CLAMPED DOOR

ENCLOSURES WITH TERMINALS

	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
7” (177.8mm) Depth	TN4X6-201407	None
	TN4X6-201407-B	Side B
	TN4X6-201407-AB	Side A & B
	TN4X6-201407-BCD	Side B, C & D
	TN4X6-201407-ABCD	Sides A, B, C & D



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES					
Size		Without Gland Plates		With Gland Plates	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	55	75	18	22
3/4	M20	36	48	14	18
1	M25	21	30	6	7
1 1/4	M32	12	16	4	6
1 1/2	M40	10	14	4	5
2	M50	8	10	3	4
2 1/2	M63	3	5	3	3

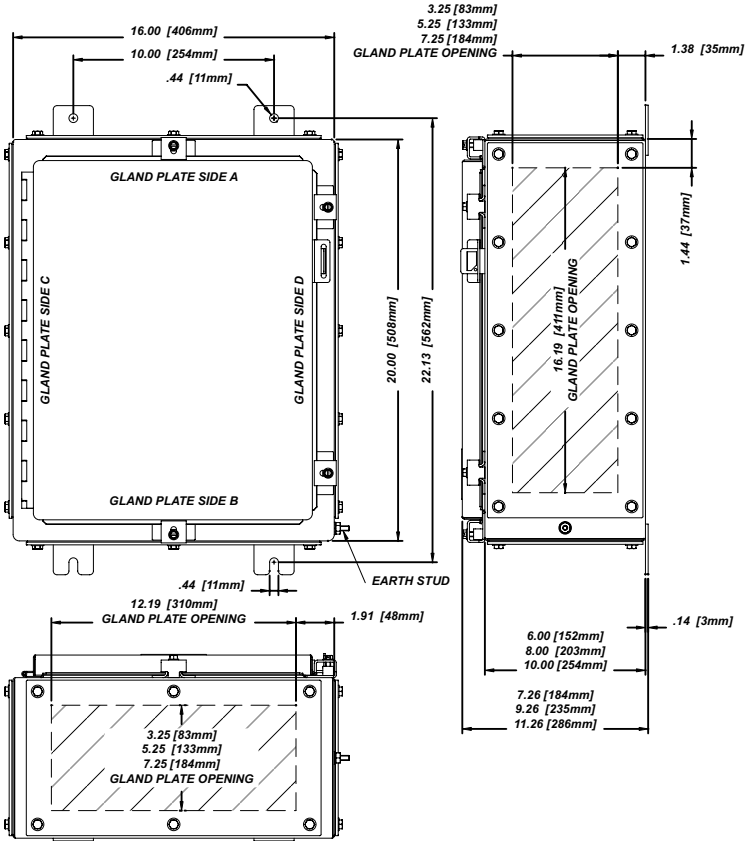
MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	⟵ 104 ⟶		50	x	x	x	x	x	x	x	x
	2.5mm²	⟵ 222 ⟶			33	19	x	x	x	x	x	x
	4mm²	⟵ 222 ⟶			131	38	21	x	x	x	x	x
	6mm²	⟵ 141 ⟶					41	16	x	x	x	x
	10mm²	⟵ 74 ⟶						40	13	x	x	x
	16mm²	⟵ 62 ⟶							33	15	x	x
	35mm²	⟵ 23 ⟶										16

Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TN SERIES

20" X 16" CLAMPED DOOR



ENCLOSURES WITH TERMINALS

6" (152.4mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-201606	None
	TN4X6-201606-B	Side B
	TN4X6-201606-AB	Side A & B
	TN4X6-201606-BCD	Side B, C & D
	TN4X6-201606-ABCD	Sides A, B, C & D

8" (203.2mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-201608	None
	TN4X6-201608-B	Side B
	TN4X6-201608-AB	Side A & B
	TN4X6-201608-BCD	Side B, C & D
	TN4X6-201608-ABCD	Sides A, B, C & D

10" (254.0mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-201610	None
	TN4X6-201610-B	Side B
	TN4X6-201610-AB	Side A & B
	TN4X6-201610-BCD	Side B, C & D
	TN4X6-201610-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

Size		Without Gland Plates						With Gland Plates					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	65	78	104	75	90	120	18	36	54	26	52	78
3/4	M20	40	50	60	48	60	72	16	24	40	22	33	55
1	M25	24	32	40	30	40	50	6	18	24	8	24	32
1 1/4	M32	12	18	24	16	24	32	5	10	15	7	14	21
1 1/2	M40	12	18	24	14	21	28	4	8	8	6	12	12
2	M50	10	10	15	10	10	15	3	3	6	5	5	10
2 1/2	M63	4	8	8	5	10	10	3	3	6	4	4	8

MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 110 →		53	x	x	x	x	x	x	x	x
	2.5mm²	← 222 →			35	20	x	x	x	x	x	x
	4mm²	← 222 →			138	40	22	x	x	x	x	x
	6mm²	← 141 →					43	17	x	x	x	x
	10mm²	← 111 →						42	13	x	x	x
	16mm²	62							35	16	x	x
	35mm²	← 23 →										17

Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

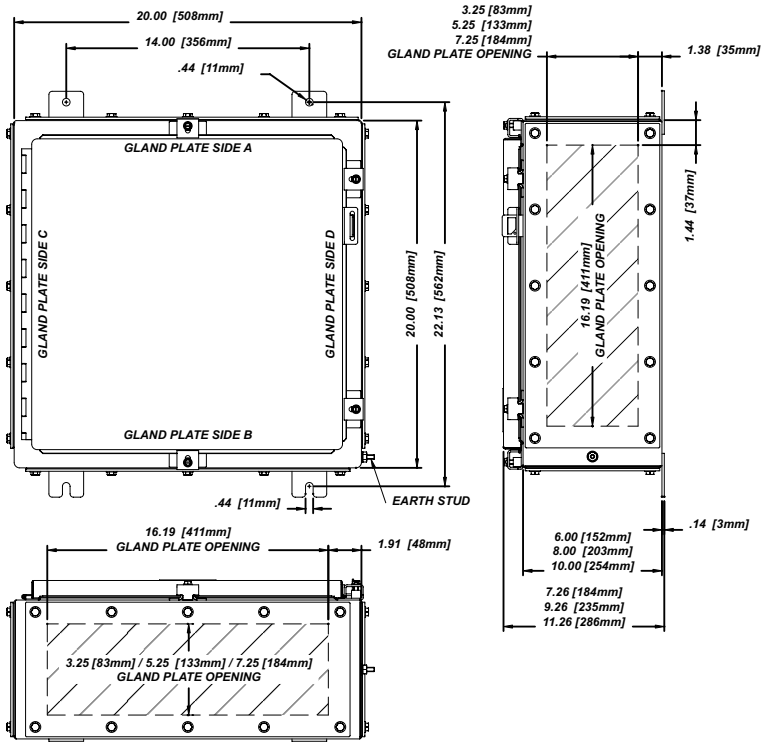
20" X 20" CLAMPED DOOR

ENCLOSURES WITH TERMINALS

6" (152.4mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-202006	None
	TN4X6-202006-B	Side B
	TN4X6-202006-AB	Side A & B
	TN4X6-202006-BCD	Side B, C & D
	TN4X6-202006-ABCD	Sides A, B, C & D

8" (203.2mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-202008	None
	TN4X6-202008-B	Side B
	TN4X6-202008-AB	Side A & B
	TN4X6-202008-BCD	Side B, C & D
	TN4X6-202008-ABCD	Sides A, B, C & D

10" (254.0mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-202010	None
	TN4X6-202010-B	Side B
	TN4X6-202010-AB	Side A & B
	TN4X6-202010-BCD	Side B, C & D
	TN4X6-202010-ABCD	Sides A, B, C & D



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES													
Size		Without Gland Plates						With Gland Plates					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	80	96	128	75	90	120	26	52	78	26	52	78
3/4	M20	52	65	78	48	60	72	22	33	55	22	33	55
1	M25	30	40	50	30	40	50	8	24	32	8	24	32
1 1/4	M32	16	24	32	16	24	32	7	14	21	7	14	21
1 1/2	M40	14	21	28	14	21	28	6	12	12	6	12	12
2	M50	12	12	18	10	10	15	5	5	12	5	5	10
2 1/2	M63	5	10	10	5	10	10	4	4	8	4	4	8

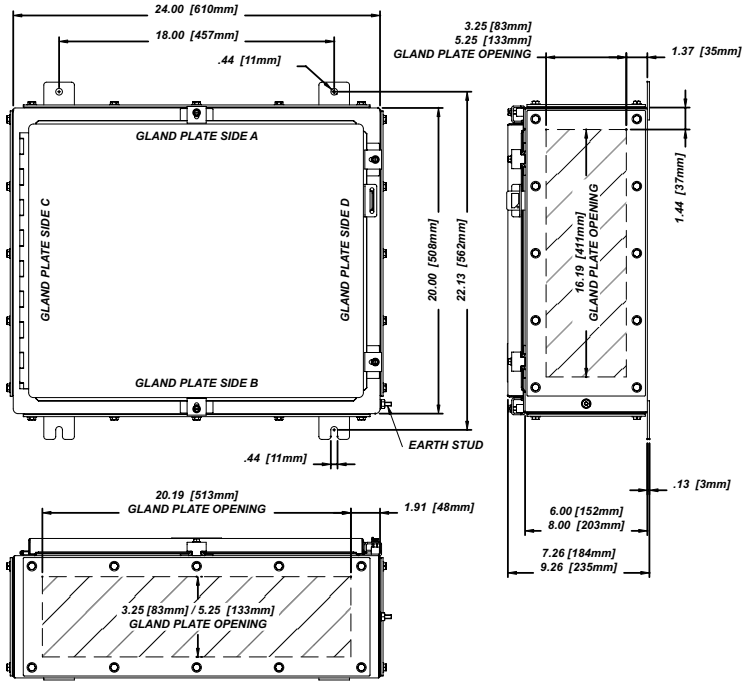
MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 119 →		58	x	x	x	x	x	x	x	x
	2.5mm²	← 296 →			38	22	x	x	x	x	x	x
	4mm²	← 296 →			149	43	24	x	x	x	x	x
	6mm²	← 188 →					47	18	x	x	x	x
	10mm²	← 148 →						46	15	x	x	x
	16mm²	← 93 →							38	17	x	x
	35mm²	← 23 →										18

Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TN SERIES

20" X 24" CLAMPED DOOR



ENCLOSURES WITH TERMINALS

	STAINLESS STEEL 316L	
6" (152.4mm) Depth	Catalog Number	Gland Plate
	TN4X6-202406	None
	TN4X6-202406-B	Side B
	TN4X6-202406-AB	Side A & B
	TN4X6-202406-BCD	Side B, C & D
	TN4X6-202406-ABCD	Sides A, B, C & D

	STAINLESS STEEL 316L	
8" (203.2mm) Depth	Catalog Number	Gland Plate
	TN4X6-202408	None
	TN4X6-202408-B	Side B
	TN4X6-202408-AB	Side A & B
	TN4X6-202408-BCD	Side B, C & D
	TN4X6-202408-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES												
Size		Without Gland Plates						With Gland Plates				
		Sides A & B			Sides C & D			Sides A & B			Sides C & D	
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	80	96	-	90	108	-	32	64	-	26	52	-
3/4	M20	52	65	-	60	75	-	26	39	-	22	33	-
1	M25	30	40	-	36	48	-	11	33	-	8	24	-
1 1/4	M32	16	24	-	18	27	-	8	16	-	7	14	-
1 1/2	M40	14	21	-	16	24	-	7	14	-	6	12	-
2	M50	12	12	-	14	14	-	6	6	-	5	5	-
2 1/2	M63	5	10	-	6	12	-	5	5	-	4	4	-

MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 125 →		61	x	x	x	x	x	x	x	x
	2.5mm²	← 370 →			40	23	x	x	x	x	x	x
	4mm²	← 370 →			157	45	25	x	x	x	x	x
	6mm²	← 235 →					49	19	x	x	x	x
	10mm²	← 185 →						48	15	x	x	x
	16mm²	← 93 →							40	18	x	x
	35mm²	46										19

Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

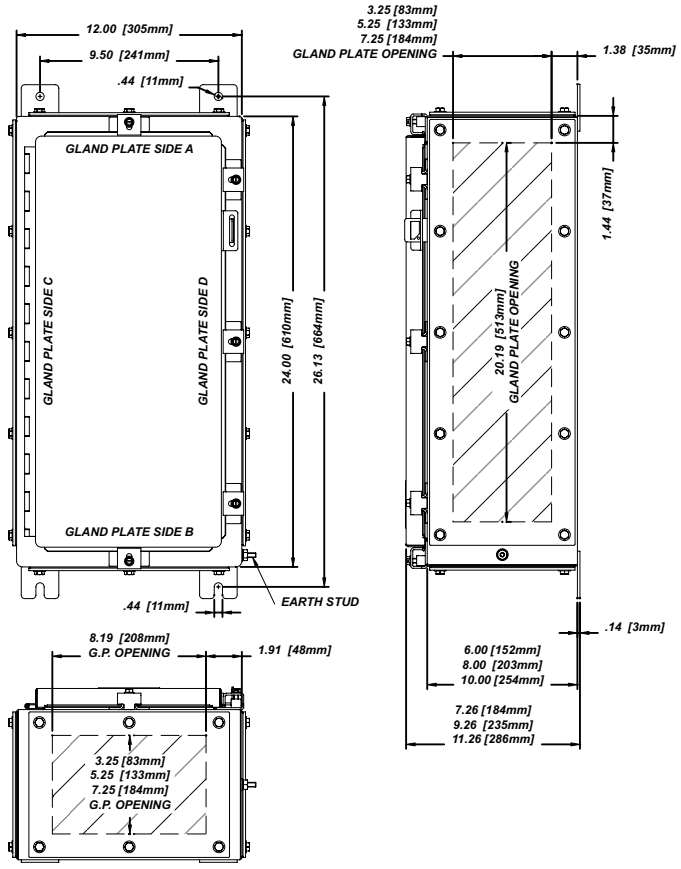
24" X 12" CLAMPED DOOR

ENCLOSURES WITH TERMINALS

6" (152.4mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-241206	None
	TN4X6-241206-B	Side B
	TN4X6-241206-AB	Side A & B
	TN4X6-241206-BCD	Side B, C & D
	TN4X6-241206-ABCD	Sides A, B, C & D

8" (203.2mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-241208	None
	TN4X6-241208-B	Side B
	TN4X6-241208-AB	Side A & B
	TN4X6-241208-BCD	Side B, C & D
	TN4X6-241208-ABCD	Sides A, B, C & D

10" (254.0mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-241210	None
	TN4X6-241210-B	Side B
	TN4X6-241210-AB	Side A & B
	TN4X6-241210-BCD	Side B, C & D
	TN4X6-241210-ABCD	Sides A, B, C & D



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES													
Size		Without Gland Plates						With Gland Plates					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	45	54	72	90	108	144	12	24	36	32	64	96
3/4	M20	32	40	48	60	75	90	10	15	25	26	39	65
1	M25	18	24	30	36	48	60	4	12	16	11	33	44
1 1/4	M32	10	15	20	18	27	36	3	6	9	8	16	24
1 1/2	M40	8	12	16	16	24	32	3	6	6	7	14	14
2	M50	6	6	9	14	14	21	2	2	4	6	6	12
2 1/2	M63	3	6	6	6	12	12	2	2	4	5	5	10

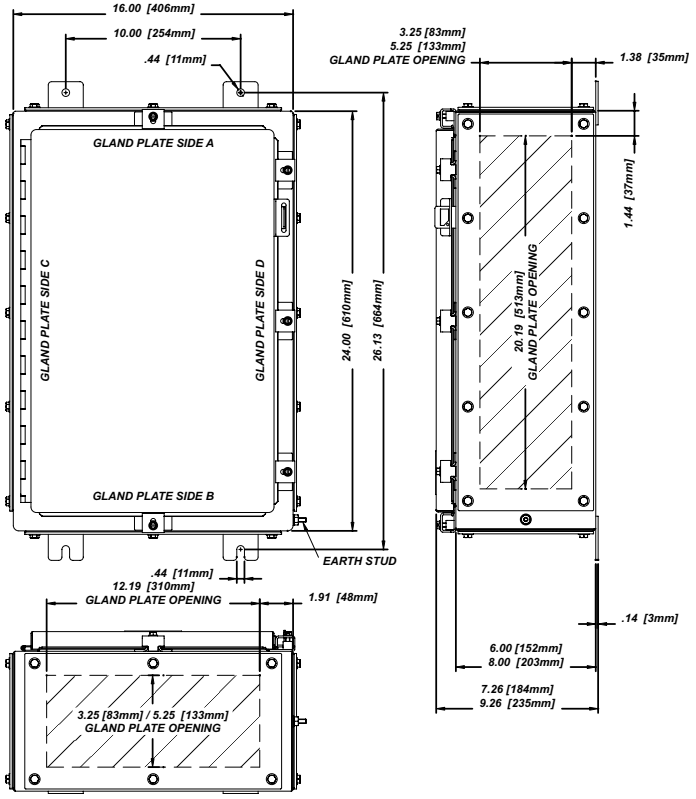
MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 99 →		48	x	x	x	x	x	x	x	x
	2.5mm²	← 190 →			32	18	x	x	x	x	x	x
	4mm²	← 190 →			124	36	20	x	x	x	x	x
	6mm²	← 120 →					39	15	x	x	x	x
	10mm²	← 96 →						38	12	x	x	x
	16mm²	← 39 →							31	14	x	x
	35mm²	x	x	x	x	x	x	x	x	x	x	x

Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TN SERIES

24" X 16" CLAMPED DOOR



ENCLOSURES WITH TERMINALS

6" (152.4mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-241606	None
	TN4X6-241606-B	Side B
	TN4X6-241606-AB	Side A & B
	TN4X6-241606-BCD	Side B, C & D
	TN4X6-241606-ABCD	Sides A, B, C & D

8" (203.2mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-241608	None
	TN4X6-241608-B	Side B
	TN4X6-241608-AB	Side A & B
	TN4X6-241608-BCD	Side B, C & D
	TN4X6-241608-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES												
Size		Without Gland Plates						With Gland Plates				
		Sides A & B			Sides C & D			Sides A & B			Sides C & D	
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	65	78	-	95	114	-	18	36	-	32	64	-
3/4	M20	40	50	-	64	80	-	16	24	-	26	39	-
1	M25	24	32	-	39	52	-	6	18	-	11	33	-
1 1/4	M32	12	18	-	20	30	-	5	10	-	8	16	-
1 1/2	M40	12	18	-	18	27	-	4	8	-	7	14	-
2	M50	10	8	-	14	14	-	3	3	-	6	6	-
2 1/2	M63	4	8	-	6	12	-	3	3	-	5	5	-

MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	⟵ 114 ⟶		55	x	x	x	x	x	x	x	x
	2.5mm²	⟵ 285 ⟶			36	21	x	x	x	x	x	x
	4mm²	⟵ 285 ⟶			142	41	23	x	x	x	x	x
	6mm²	⟵ 180 ⟶					45	17	x	x	x	x
	10mm²	⟵ 144 ⟶						44	14	x	x	x
	16mm²	⟵ 78 ⟶							36	17	x	x
	35mm²	29										17

Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

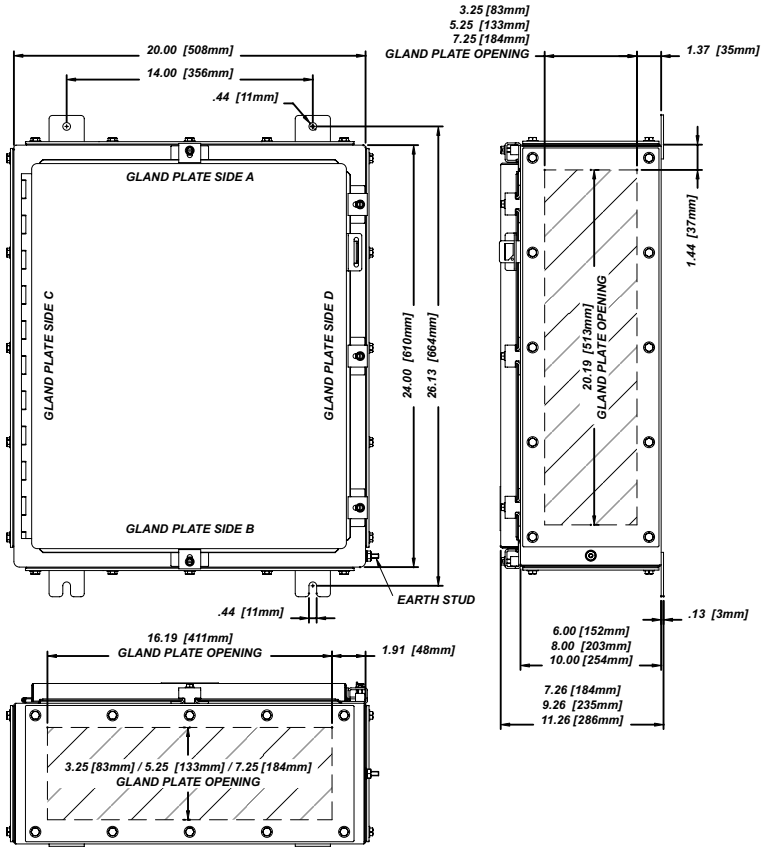
24" X 20" CLAMPED DOOR

ENCLOSURES WITH TERMINALS

6" (152.4mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-242006	None
	TN4X6-242006-B	Side B
	TN4X6-242006-AB	Side A & B
	TN4X6-242006-BCD	Side B, C & D
	TN4X6-242006-ABCD	Sides A, B, C & D

8" (203.2mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-242008	None
	TN4X6-242008-B	Side B
	TN4X6-242008-AB	Side A & B
	TN4X6-242008-BCD	Side B, C & D
	TN4X6-242008-ABCD	Sides A, B, C & D

10" (254.0mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-242010	None
	TN4X6-241210-B	Side B
	TN4X6-242010-AB	Side A & B
	TN4X6-242010-BCD	Side B, C & D
	TN4X6-242010-ABCD	Sides A, B, C & D



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES													
Size		Without Gland Plates						With Gland Plates					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	80	96	128	90	108	144	26	52	78	32	64	96
3/4	M20	52	65	78	60	75	90	22	33	55	26	39	65
1	M25	30	40	50	36	48	60	8	24	32	11	33	44
1 1/4	M32	16	24	32	18	27	36	7	14	21	8	16	24
1 1/2	M40	14	21	28	16	24	32	6	12	12	7	14	14
2	M50	12	12	18	14	14	21	5	5	10	6	6	12
2 1/2	M63	5	10	10	6	12	12	4	4	8	5	5	10

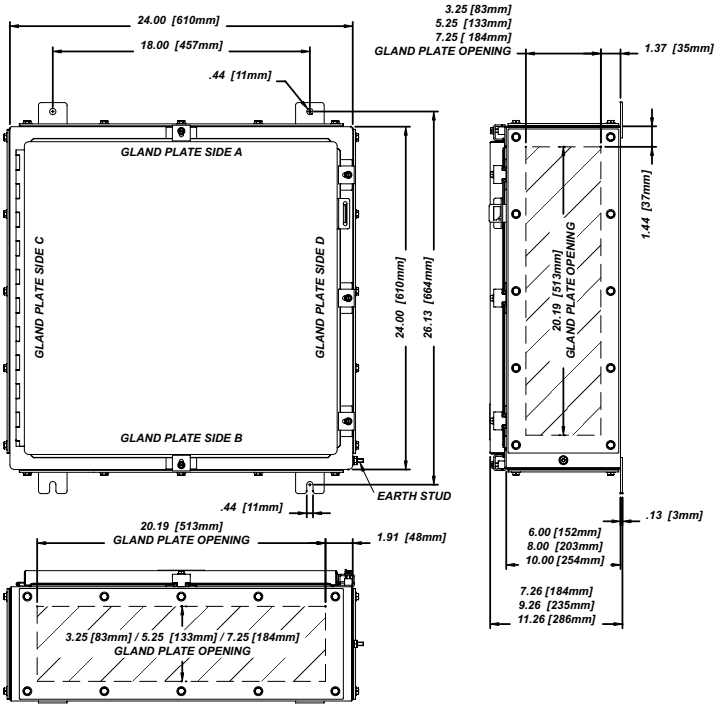
MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 125 →		61	x	x	x	x	x	x	x	x
	2.5mm²	← 380 →			40	23	x	x	x	x	x	x
	4mm²	← 380 →			157	45	25	x	x	x	x	x
	6mm²	← 240 →					49	19	x	x	x	x
	10mm²	← 192 →						48	15	x	x	x
	16mm²	117							40	18	x	x
	35mm²	← 29 →										19

Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TN SERIES

24" X 24" CLAMPED DOOR



ENCLOSURES WITH TERMINALS

STAINLESS STEEL 316L		
6" (152.4mm) Depth	Catalog Number	Gland Plate
	TN4X6-242406	None
	TN4X6-242406-B	Side B
	TN4X6-242406-AB	Side A & B
	TN4X6-242406-BCD	Side B, C & D
	TN4X6-242406-ABCD	Sides A, B, C & D

STAINLESS STEEL 316L		
8" (203.2mm) Depth	Catalog Number	Gland Plate
	TN4X6-242408	None
	TN4X6-242408-B	Side B
	TN4X6-242408-AB	Side A & B
	TN4X6-242408-BCD	Side B, C & D
	TN4X6-242408-ABCD	Sides A, B, C & D

STAINLESS STEEL 316L		
10" (254.0mm) Depth	Catalog Number	Gland Plate
	TN4X6-242410	None
	TN4X6-242410-B	Side B
	TN4X6-242410-AB	Side A & B
	TN4X6-242410-BCD	Side B, C & D
	TN4X6-242410-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

Size		Without Gland Plates						With Gland Plates					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	95	114	152	90	108	144	32	64	96	32	64	96
3/4	M20	64	80	96	60	75	90	26	39	65	26	39	65
1	M25	39	52	65	36	48	60	11	33	44	11	33	44
1 1/4	M32	20	30	40	18	27	36	8	16	24	8	16	24
1 1/2	M40	18	27	36	16	24	32	7	14	14	7	14	14
2	M50	14	14	21	14	14	21	6	6	12	6	6	12
2 1/2	M63	6	12	12	6	12	12	5	5	10	5	5	10

MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 134 →		65	x	x	x	x	x	x	x	x
	2.5mm²	← 475 →			43	25	x	x	x	x	x	x
	4mm²	← 475 →			168	48	27	x	x	x	x	x
	6mm²	← 300 →					53	20	x	x	x	x
	10mm²	← 240 →						51	17	x	x	x
	16mm²	117							42	20	x	x
	35mm²	← 58 →										20

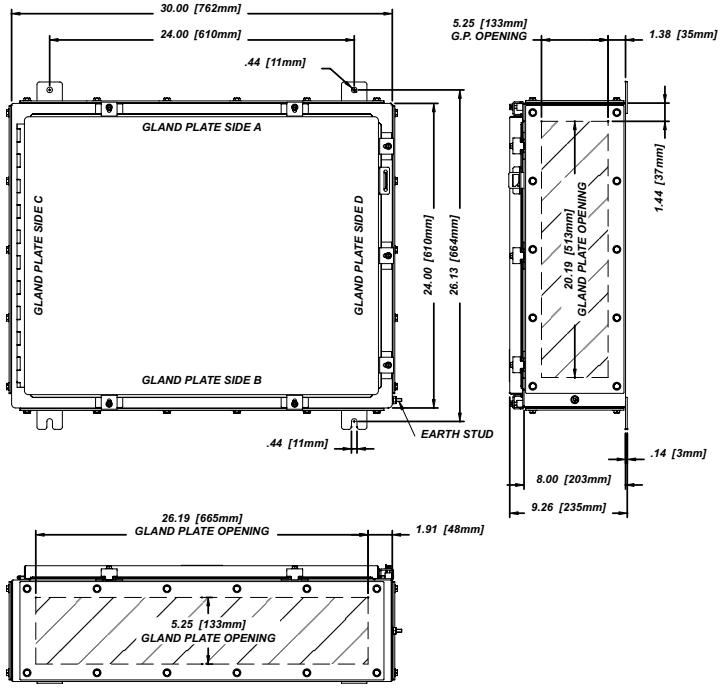
Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

24" X 30" CLAMPED DOOR

ENCLOSURES WITH TERMINALS

8" (203.2mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-243008	None
	TN4X6-243008-B	Side B
	TN4X6-243008-AB	Side A & B
	TN4X6-243008-BCD	Side B, C & D
	TN4X6-243008-ABCD	Sides A, B, C & D



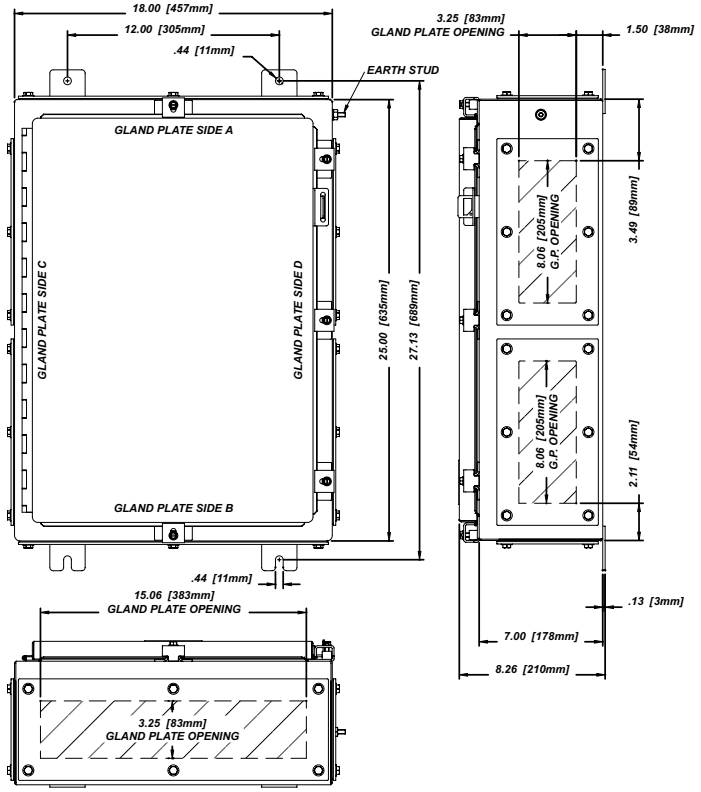
MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES													
Size		Without Gland Plates						With Gland Plates					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	-	84	-	-	64	-	-	144	-	-	108	-
3/4	M20	-	51	-	-	39	-	-	100	-	-	75	-
1	M25	-	42	-	-	33	-	-	64	-	-	48	-
1 1/4	M32	-	22	-	-	16	-	-	36	-	-	27	-
1 1/2	M40	-	20	-	-	14	-	-	33	-	-	24	-
2	M50	-	8	-	-	6	-	-	18	-	-	14	-
2 1/2	M63	-	7	-	-	5	-	-	14	-	-	12	-

MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 143 →		69	x	x	x	x	x	x	x	x
	2.5mm²	← 665 →			46	27	x	x	x	x	x	x
	4mm²	← 665 →			179	52	29	x	x	x	x	x
	6mm²	← 420 →					56	22	x	x	x	x
	10mm²	← 288 →						55	18	x	x	x
	16mm²	← 195 →							45	21	x	x
	35mm²	← 87 →									84	22

Note:
1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TN SERIES

25” X 18” X 7” CLAMPED DOOR



ENCLOSURES WITH TERMINALS

7” (177.8mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-251807	None
	TN4X6-251807-B	Side B
	TN4X6-251807-AB	Side A & B
	TN4X6-251807-BCD	Side B, C & D
	TN4X6-251807-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES					
Size		Without Gland Plates		With Gland Plates	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	70	95	24	12
3/4	M20	48	64	20	10
1	M25	27	36	8	4
1 1/4	M32	14	20	6	3
1 1/2	M40	14	18	5	3
2	M50	10	14	4	2
2 1/2	M63	4	6	4	2

MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 121 →		58	x	x	x	x	x	x	x	x
	2.5mm²	← 400 →			39	22	x	x	x	x	x	x
	4mm²	← 400 →			151	44	25	x	x	x	x	x
	6mm²	← 252 →					48	18	x	x	x	x
	10mm²	← 150 →						46	15	x	x	x
	16mm²	← 84 →							38	18	x	x
	35mm²	31										18

Note:

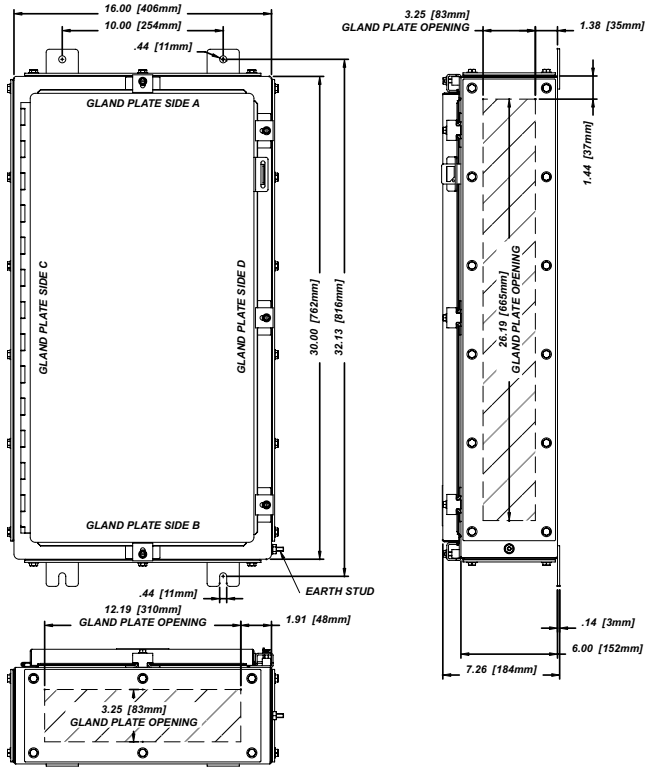
1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

30" X 16" CLAMPED DOOR

ENCLOSURES WITH TERMINALS

	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
6" (152.4mm) Depth	TN4X6-301606	None
	TN4X6-301606-B	Side B
	TN4X6-301606-AB	Side A & B
	TN4X6-301606-BCD	Side B, C & D
	TN4X6-301606-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES													
Size		Without Gland Plates						With Gland Plates					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	65	-	-	120	-	-	18	-	-	42	-	-
3/4	M20	40	-	-	80	-	-	16	-	-	34	-	-
1	M25	24	-	-	48	-	-	6	-	-	14	-	-
1 1/4	M32	12	-	-	24	-	-	5	-	-	11	-	-
1 1/2	M40	12	-	-	22	-	-	4	-	-	10	-	-
2	M50	10	-	-	18	-	-	3	-	-	8	-	-
2 1/2	M63	4	-	-	7	-	-	3	-	-	7	-	-



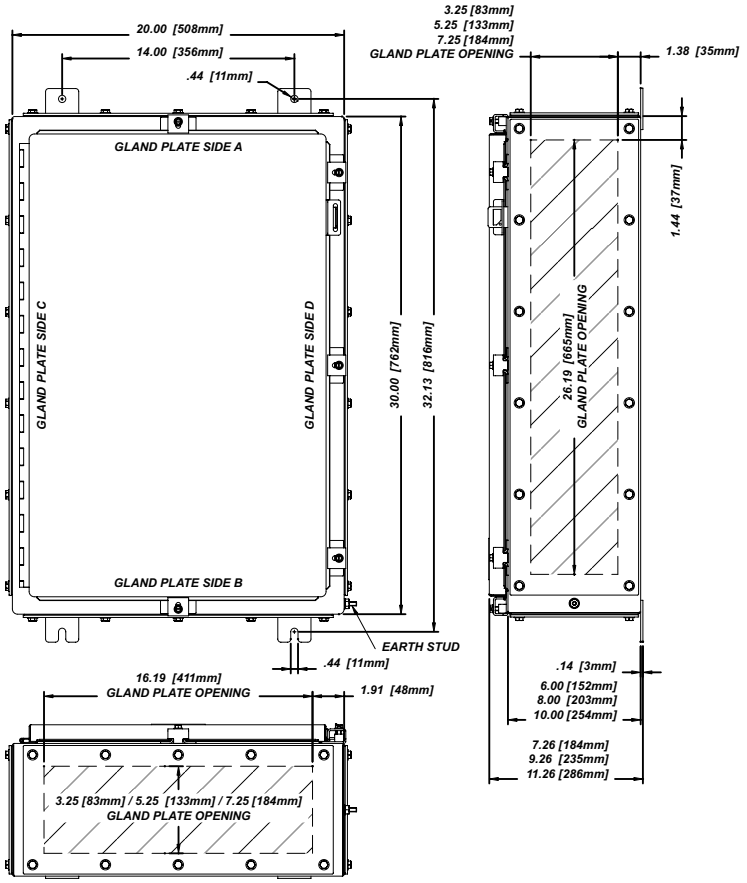
MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	⟵ 117 ⟶		56	x	x	x	x	x	x	x	x
	2.5mm²	⟵ 375 ⟶			37	22	x	x	x	x	x	x
	4mm²	⟵ 375 ⟶			146	42	24	x	x	x	x	x
	6mm²	⟵ 237 ⟶					46	18	x	x	x	x
	10mm²	⟵ 189 ⟶						45	14	x	x	x
	16mm²	⟵ 104 ⟶							37	17	x	x
	35mm²	⟵ 39 ⟶										18

Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TN SERIES

30" X 20" CLAMPED DOOR



ENCLOSURES WITH TERMINALS

STAINLESS STEEL 316L		
6" (152.4mm) Depth	Catalog Number	Gland Plate
	TN4X6-302006	None
	TN4X6-302006-B	Side B
	TN4X6-302006-AB	Side A & B
	TN4X6-302006-BCD	Side B, C & D
	TN4X6-302006-ABCD	Sides A, B, C & D

STAINLESS STEEL 316L		
8" (203.2mm) Depth	Catalog Number	Gland Plate
	TN4X6-302008	None
	TN4X6-302008-B	Side B
	TN4X6-302008-AB	Side A & B
	TN4X6-302008-BCD	Side B, C & D
	TN4X6-302008-ABCD	Sides A, B, C & D

STAINLESS STEEL 316L		
10" (254.0mm) Depth	Catalog Number	Gland Plate
	TN4X6-302010	None
	TN4X6-302010-B	Side B
	TN4X6-302010-AB	Side A & B
	TN4X6-302010-BCD	Side B, C & D
	TN4X6-302010-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

Size		Without Gland Plates						With Gland Plates					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	80	96	128	120	144	192	26	52	78	42	84	126
3/4	M20	64	80	96	60	75	90	26	39	65	26	39	65
1	M25	39	52	65	36	48	60	11	33	44	11	33	44
1 1/4	M32	20	30	40	18	27	36	8	16	24	8	16	24
1 1/2	M40	18	27	36	16	24	32	7	14	14	7	14	14
2	M50	14	14	21	14	14	21	6	6	12	6	6	12
2 1/2	M63	6	12	12	6	12	12	5	5	10	5	5	10

MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 134 →		65	x	x	x	x	x	x	x	x
	2.5mm²	← 475 →			43	25	x	x	x	x	x	x
	4mm²	← 475 →			168	48	27	x	x	x	x	x
	6mm²	← 316 →					52	20	x	x	x	x
	10mm²	← 252 →						50	20	x	x	x
	16mm²	156							42	19	x	x
	35mm²	← 39 →										20

Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

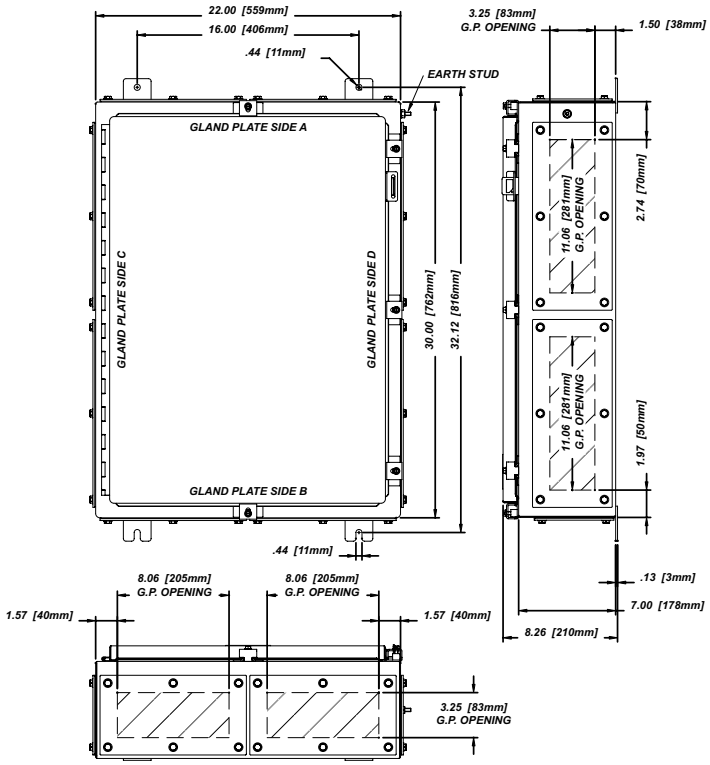
TN SERIES

30” X 22” X 7” CLAMPED DOOR

ENCLOSURES WITH TERMINALS

7” (177.8mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-302207	None
	TN4X6-302207-B	Side B
	TN4X6-302207-AB	Side A & B
	TN4X6-302207-BCD	Side B, C & D
	TN4X6-302207-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES					
Size		Without Gland Plates		With Gland Plates	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	85	115	12	18
3/4	M20	56	76	10	14
1	M25	48	60	8	4
6	M32	33	45	3	4
1 1/2	M40	18	24	3	4
2	M50	12	16	2	3
2 1/2	M63	5	7	2	3



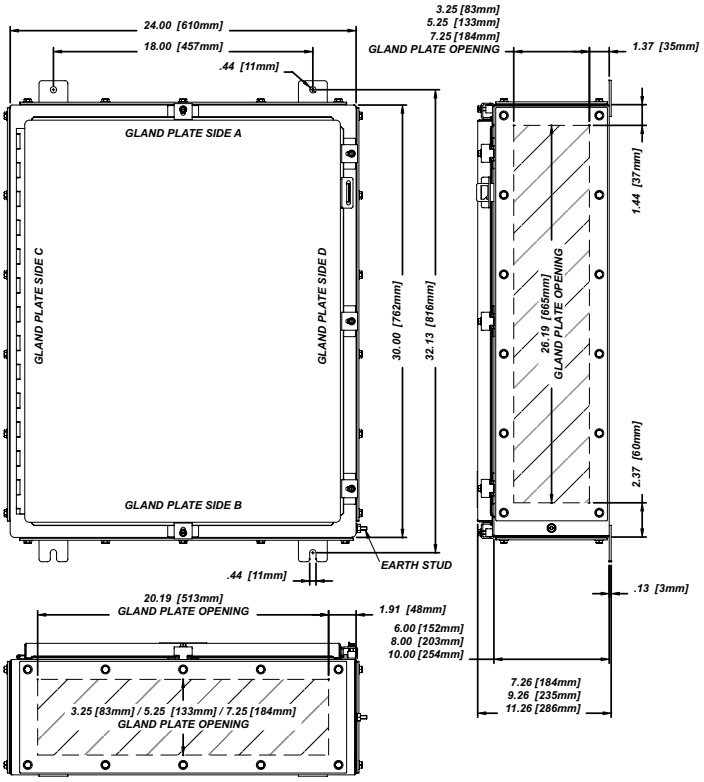
MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 137 →		67	x	x	x	x	x	x	x	x
	2.5mm²	← 625 →			44	26	x	x	x	x	x	x
	4mm²	← 625 →			172	50	28	x	x	x	x	x
	6mm²	← 395 →					54	21	x	x	x	x
	10mm²	← 252 →						53	17	x	x	x
	16mm²	← 156 →							44	20	x	x
	35mm²	← 78 →										21

Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TN SERIES

30" X 24" CLAMPED DOOR



ENCLOSURES WITH TERMINALS

6" (152.4mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-302406	None
	TN4X6-302406-B	Side B
	TN4X6-302406-AB	Side A & B
	TN4X6-302406-BCD	Side B, C & D
	TN4X6-302406-ABCD	Sides A, B, C & D

8" (203.2mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-302408	None
	TN4X6-302408-B	Side B
	TN4X6-302408-AB	Side A & B
	TN4X6-302408-BCD	Side B, C & D
	TN4X6-302408-ABCD	Sides A, B, C & D

10" (254.0mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-302410	None
	TN4X6-302410-B	Side B
	TN4X6-302410-AB	Side A & B
	TN4X6-302410-BCD	Side B, C & D
	TN4X6-302410-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

Size		Without Gland Plates						With Gland Plates					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	95	114	152	115	138	184	32	64	96	42	84	126
3/4	M20	64	80	96	76	95	114	26	39	65	34	51	85
1	M25	39	52	65	45	60	75	11	33	44	14	42	56
1 1/4	M32	20	30	40	24	36	48	8	16	24	11	22	33
1 1/2	M40	18	27	36	22	33	44	7	14	21	10	20	20
2	M50	14	14	21	16	16	24	6	6	12	8	8	16
2 1/2	M63	6	12	12	7	14	14	5	5	10	7	7	14

MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 143 →		69	x	x	x	x	x	x	x	x
	2.5mm²	← 625 →			46	27	x	x	x	x	x	x
	4mm²	← 625 →			179	52	29	x	x	x	x	x
	6mm²	← 395 →					56	22	x	x	x	x
	10mm²	← 315 →						55	18	x	x	x
	16mm²	156							45	21	x	x
	35mm²	← 78 →										22

Note:

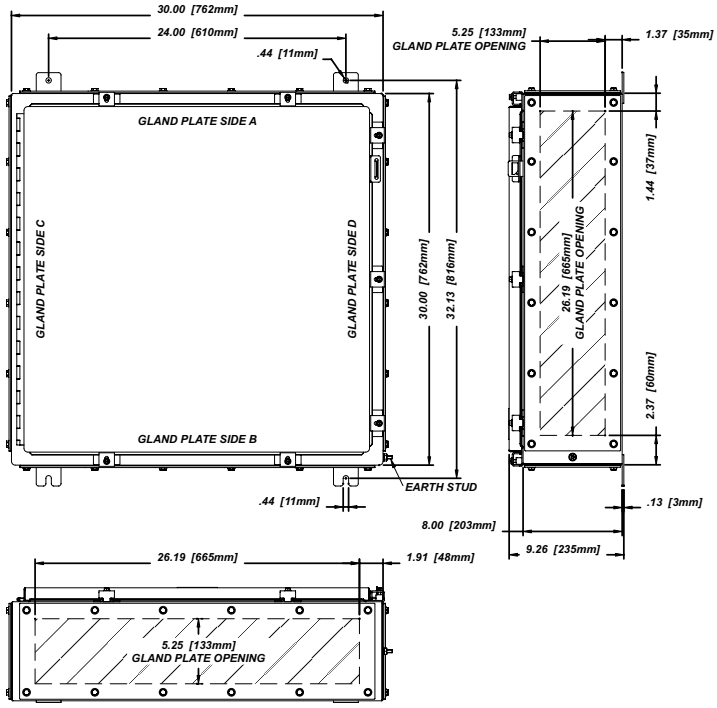
1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

30" X 30" CLAMPED DOOR

ENCLOSURES WITH TERMINALS

8" (203.2mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-303008	None
	TN4X6-303008-B	Side B
	TN4X6-303008-AB	Side A & B
	TN4X6-303008-BCD	Side B, C & D
	TN4X6-303008-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES													
Size		Without Gland Plates						With Gland Plates					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	-	144	-	-	138	-	-	84	-	-	84	-
3/4	M20	-	100	-	-	95	-	-	51	-	-	51	-
1	M25	-	64	-	-	60	-	-	42	-	-	42	-
1 1/4	M32	-	36	-	-	36	-	-	22	-	-	22	-
1 1/2	M40	-	33	-	-	33	-	-	20	-	-	20	-
2	M50	-	18	-	-	16	-	-	8	-	-	8	-
2 1/2	M63	-	14	-	-	14	-	-	7	-	-	7	-



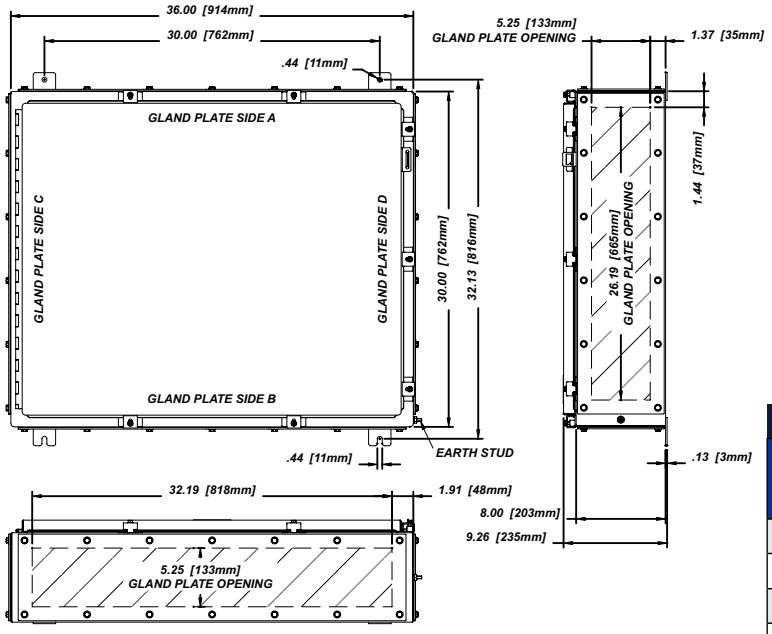
MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 156 →		76	x	x	x	x	x	x	x	x
	2.5mm²	← 875 →			50	29	x	x	x	x	x	x
	4mm²	← 875 →			196	57	32	x	x	x	x	x
	6mm²	← 553 →					62	19	x	x	x	x
	10mm²	← 378 →						60	19	x	x	x
	16mm²	← 260 →							50	23	x	x
	35mm²	← 117 →									92	24

Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TN SERIES

30" X 36" CLAMPED DOOR



ENCLOSURES WITH TERMINALS

8" (203.2mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-303608	None
	TN4X6-303608-B	Side B
	TN4X6-303608-AB	Side A & B
	TN4X6-303608-BCD	Side B, C & D
	TN4X6-303608-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES												
Size		Without Gland Plates						With Gland Plates				
		Sides A & B			Sides C & D			Sides A & B			Sides C & D	
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	-	174	-	-	168	-	-	100	-	-	84	-
3/4	M20	-	120	-	-	115	-	-	63	-	-	51	-
1	M25	-	76	-	-	72	-	-	51	-	-	42	-
1 1/4	M32	-	45	-	-	42	-	-	26	-	-	22	-
1 1/2	M40	-	39	-	-	39	-	-	24	-	-	20	-
2	M50	-	20	-	-	20	-	-	9	-	-	8	-
2 1/2	M63	-	18	-	-	18	-	-	8	-	-	7	-

MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 161 →		80	x	x	x	x	x	x	x	x
	2.5mm²	←1,000→			53	31	x	x	x	x	x	x
	4mm²	←1,000→			208	60	34	x	x	x	x	x
	6mm²	← 632 →					66	25	x	x	x	x
	10mm²	← 441 →						64	21	x	x	x
	16mm²	← 312 →							53	24	x	x
	35mm²	117									97	25

Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

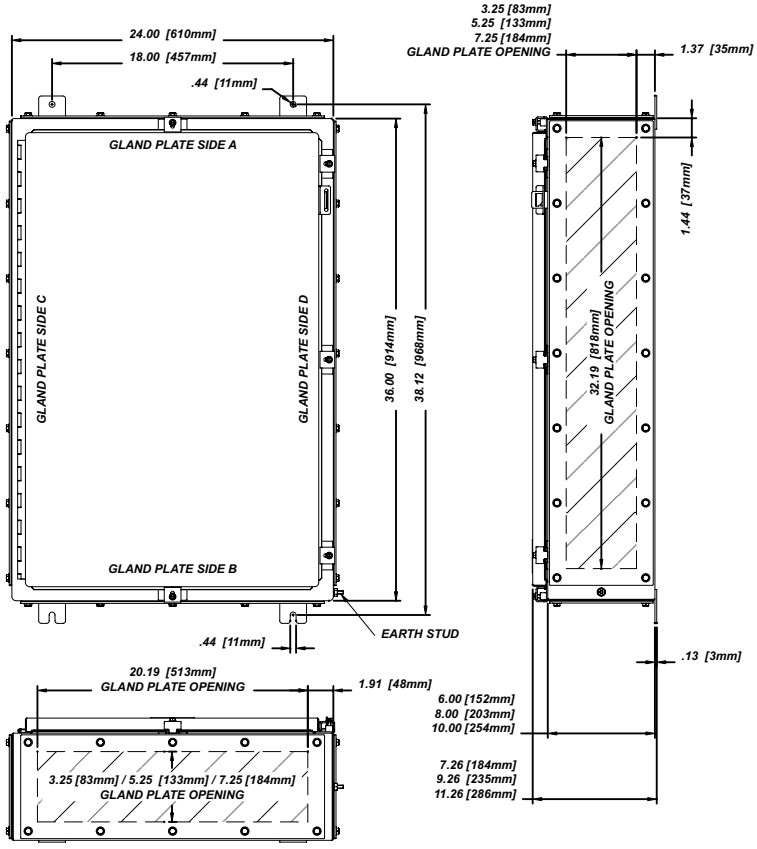
36" X 24" CLAMPED DOOR

ENCLOSURES WITH TERMINALS

6" (152.4mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-362406	None
	TN4X6-362406-B	Side B
	TN4X6-362406-AB	Side A & B
	TN4X6-362406-BCD	Side B, C & D
	TN4X6-362406-ABCD	Sides A, B, C & D

8" (203.2mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-362408	None
	TN4X6-362408-B	Side B
	TN4X6-362408-AB	Side A & B
	TN4X6-362408-BCD	Side B, C & D
	TN4X6-362408-ABCD	Sides A, B, C & D

10" (254.0mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-362410	None
	TN4X6-362410-B	Side B
	TN4X6-362410-AB	Side A & B
	TN4X6-362410-BCD	Side B, C & D
	TN4X6-362410-ABCD	Sides A, B, C & D



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES													
Size		Without Gland Plates						With Gland Plates					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	95	114	152	140	168	204	32	64	96	50	100	150
3/4	M20	64	80	96	92	115	138	26	39	65	42	63	105
1	M25	35	52	65	54	72	90	11	33	44	17	51	68
1 1/4	M32	20	30	40	28	42	56	8	16	24	13	26	39
1 1/2	M40	18	27	36	26	39	52	7	14	14	12	24	24
2	M50	14	14	21	20	20	30	6	6	12	9	9	18
2 1/2	M63	6	12	12	9	18	18	5	5	10	8	8	16

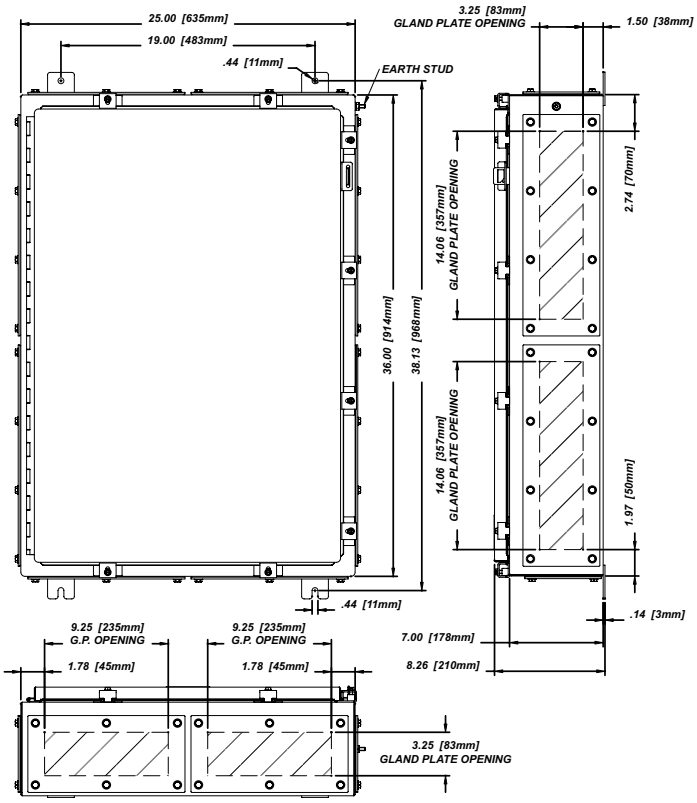
MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 149 →		72	x	x	x	x	x	x	x	x
	2.5mm²	← 780 →			48	28	x	x	x	x	x	x
	4mm²	← 780 →			187	54	39	x	x	x	x	x
	6mm²	← 495 →					59	23	x	x	x	x
	10mm²	← 300 →						57	18	x	x	x
	16mm²	195							47	22	x	x
	35mm²	← 96 →									88	23

Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TN SERIES

36" X 25" X 7" CLAMPED DOOR



ENCLOSURES WITH TERMINALS

7" (177.8mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-362507	None
	TN4X6-362507-B	Side B
	TN4X6-362507-AB	Side A & B
	TN4X6-362507-BCD	Side B, C & D
	TN4X6-362507-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES					
Size		Without Gland Plates		With Gland Plates	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	100	140	14	22
3/4	M20	64	92	12	18
1	M25	39	54	5	7
1 1/4	M32	20	28	4	6
1 1/2	M40	18	26	3	5
2	M50	14	20	3	4
2 1/2	M63	6	9	2	3

MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 152 →		74	x	x	x	x	x	x	x	x
	2.5mm²	← 936 →			49	28	x	x	x	x	x	x
	4mm²	← 936 →			190	55	31	x	x	x	x	x
	6mm²	← 594 →					60	28	x	x	x	x
	10mm²	← 390 →						58	19	x	x	x
	16mm²	← 260 →							48	27	x	x
	35mm²	96									89	23

Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

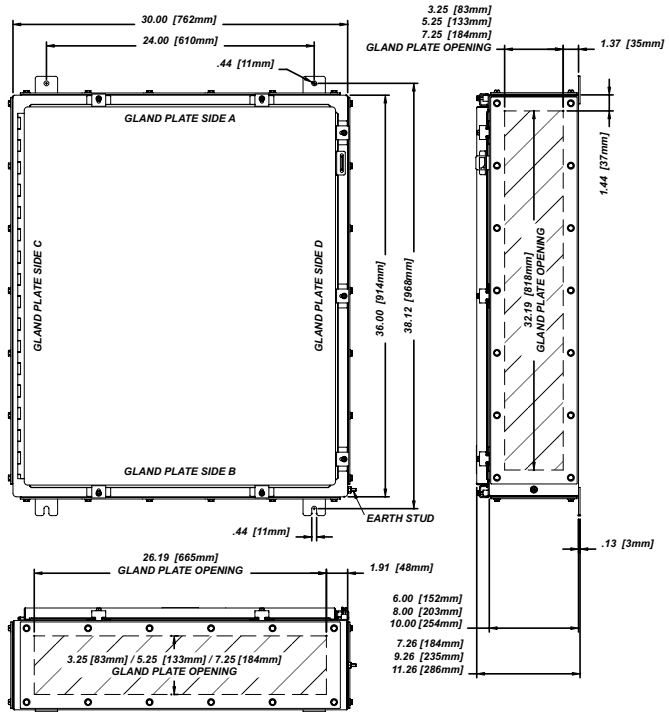
36” X 30” CLAMPED DOOR

ENCLOSURES WITH TERMINALS

6” (152.4mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-363006	None
	TN4X6-363006-B	Side B
	TN4X6-363006-AB	Side A & B
	TN4X6-363006-BCD	Side B, C & D
	TN4X6-363006-ABCD	Sides A, B, C & D

8” (203.2mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-363008	None
	TN4X6-363008-B	Side B
	TN4X6-363008-AB	Side A & B
	TN4X6-363008-BCD	Side B, C & D
	TN4X6-363008-ABCD	Sides A, B, C & D

10” (254.0mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-363010	None
	TN4X6-363010-B	Side B
	TN4X6-363010-AB	Side A & B
	TN4X6-363010-BCD	Side B, C & D
	TN4X6-363010-ABCD	Sides A, B, C & D



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES													
Size		Without Gland Plates						With Gland Plates					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	120	144	192	140	168	224	42	84	126	50	100	150
3/4	M20	80	100	120	92	115	138	34	51	85	42	62	105
1	M25	48	64	80	54	72	90	14	42	56	17	51	68
1 1/4	M32	24	36	48	28	42	56	11	22	33	13	26	39
1 1/2	M40	22	33	44	26	39	52	10	20	20	12	24	24
2	M50	18	18	27	20	20	30	8	8	16	9	9	18
2 1/2	M63	7	14	14	9	18	18	7	7	14	8	8	16

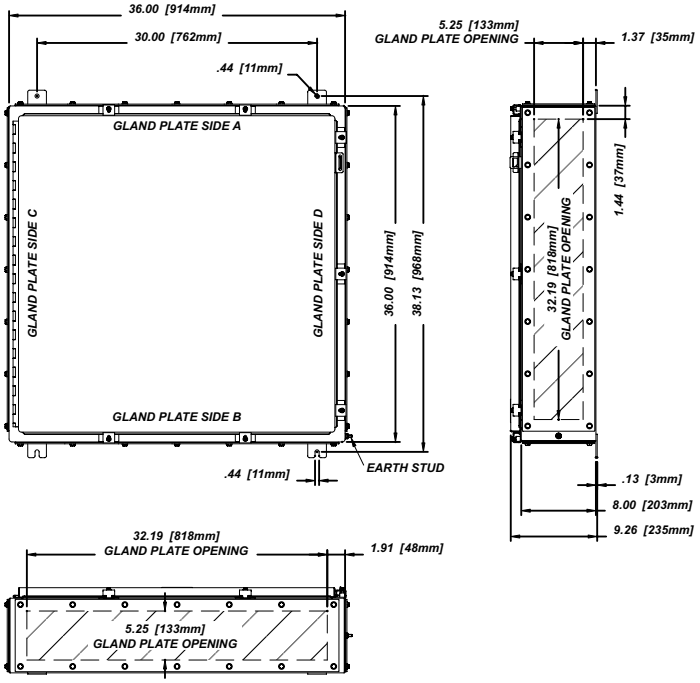
MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 161 →		80	x	x	x	x	x	x	x	x
	2.5mm²	← 1092 →			53	31	x	x	x	x	x	x
	4mm²	← 1092 →			208	60	34	x	x	x	x	x
	6mm²	← 693 →					66	25	x	x	x	x
	10mm²	← 468 →						64	21	x	x	x
	16mm²	325							53	24	x	x
	35mm²	← 144 →									97	25

Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TN SERIES

36" X 36" CLAMPED DOOR



ENCLOSURES WITH TERMINALS

8" (203.2mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-363608	None
	TN4X6-363608-B	Side B
	TN4X6-363608-AB	Side A & B
	TN4X6-363608-BCD	Side B, C & D
	TN4X6-363608-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

Size		Without Gland Plates						With Gland Plates					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	-	174	-	-	168	-	-	100	-	-	100	-
3/4	M20	-	120	-	-	115	-	-	63	-	-	63	-
1	M25	-	76	-	-	72	-	-	51	-	-	51	-
1 1/4	M32	-	45	-	-	42	-	-	26	-	-	26	-
1 1/2	M40	-	39	-	-	39	-	-	24	-	-	24	-
2	M50	-	20	-	-	20	-	-	9	-	-	9	-
2 1/2	M63	-	18	-	-	18	-	-	8	-	-	8	-

MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	⟵ 179 ⟶		87	x	x	x	x	x	x	x	x
	2.5mm²	⟵1,248⟶			57	33	x	x	x	x	x	x
	4mm²	⟵1,248⟶			224	65	37	x	x	x	x	x
	6mm²	⟵ 792 ⟶					71	27	x	x	x	x
	10mm²	⟵ 546 ⟶						69	22	x	x	x
	16mm²	⟵ 390 ⟶							57	26	x	x
	35mm²	144									105	27

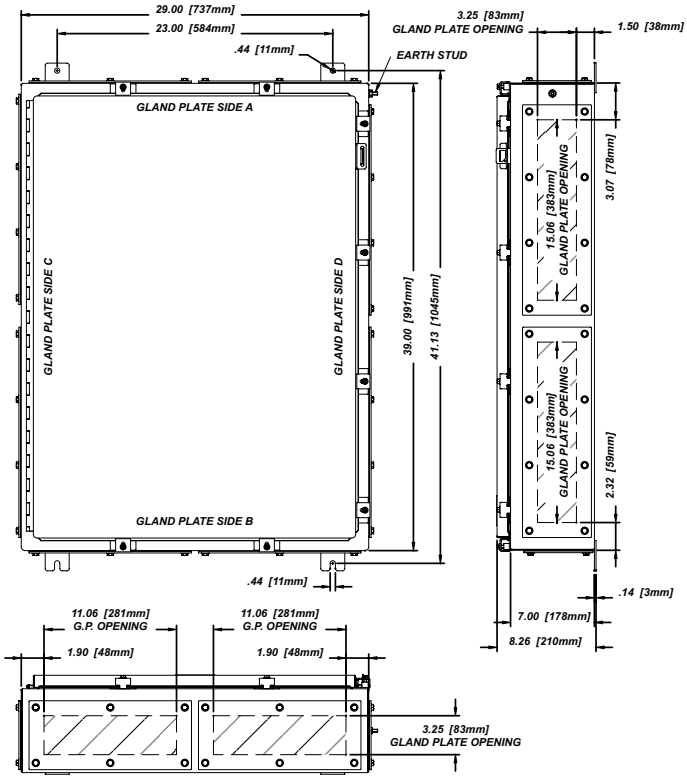
Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

39” X 29” X 7” CLAMPED DOOR

ENCLOSURES WITH TERMINALS

	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
7” (177.8mm) Depth	TN4X6-392907	None
	TN4X6-392907-B	Side B
	TN4X6-392907-AB	Side A & B
	TN4X6-392907-BCD	Side B, C & D
	TN4X6-392907-ABCD	Sides A, B, C & D



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES					
Size		Without Gland Plates		With Gland Plates	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	115	150	18	24
3/4	M20	76	100	14	20
1	M25	45	60	6	8
6	M32	24	32	4	6
1 1/2	M40	22	28	4	5
2	M50	16	22	3	4
2 1/2	M63	7	10	3	4

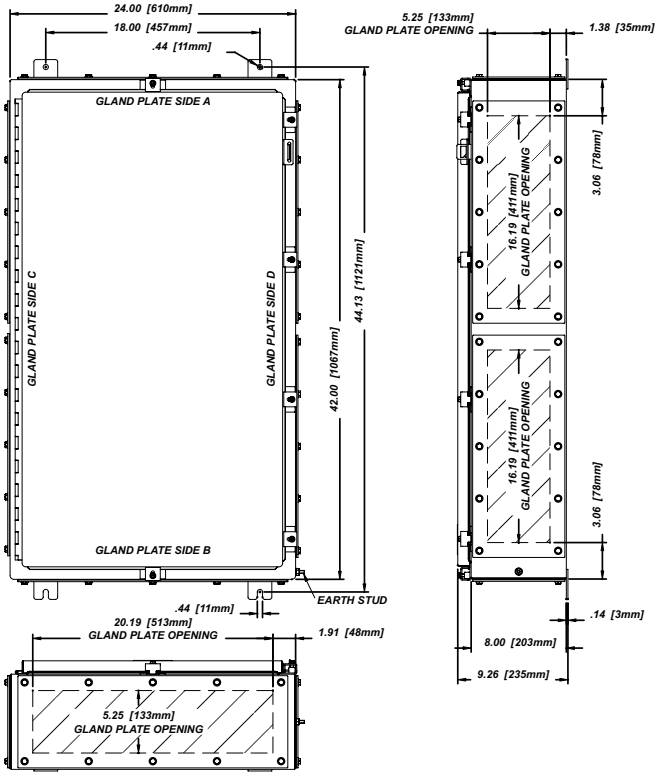
MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	⟵ 167 ⟶		81	x	x	x	x	x	x	x	x
	2.5mm²	⟵ 1,197 ⟶			54	31	x	x	x	x	x	x
	4mm²	⟵ 1,197 ⟶			209	60	34	x	x	x	x	x
	6mm²	⟵ 756 ⟶					66	26	x	x	x	x
	10mm²	⟵ 516 ⟶						64	21	x	x	x
	16mm²	⟵ 284 ⟶							53	24	x	x
	35mm²	⟵ 106 ⟶									98	26

Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TN SERIES

42" X 24" CLAMPED DOOR



ENCLOSURES WITH TERMINALS

8" (203.2mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-422408	None
	TN4X6-422408-B	Side B
	TN4X6-422408-AB	Side A & B
	TN4X6-422408-BCD	Side B, C & D
	TN4X6-422408-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES												
Size		Without Gland Plates						With Gland Plates				
		Sides A & B			Sides C & D			Sides A & B			Sides C & D	
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	-	114	-	-	192	-	-	64	-	-	52	-
3/4	M20	-	80	-	-	135	-	-	39	-	-	33	-
1	M25	-	52	-	-	88	-	-	33	-	-	24	-
1 1/4	M32	-	30	-	-	51	-	-	16	-	-	14	-
1 1/2	M40	-	27	-	-	45	-	-	14	-	-	12	-
2	M50	-	14	-	-	24	-	-	6	-	-	5	-
2 1/2	M63	-	12	-	-	20	-	-	5	-	-	4	-

MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	⟵ 153 ⟶		74	x	x	x	x	x	x	x	x
	2.5mm²	⟵ 930 ⟶			49	29	x	x	x	x	x	x
	4mm²	⟵ 930 ⟶			191	55	31	x	x	x	x	x
	6mm²	⟵ 590 ⟶					60	28	x	x	x	x
	10mm²	⟵ 470 ⟶						59	19	x	x	x
	16mm²	⟵ 234 ⟶							49	22	x	x
	35mm²	116									90	x

Note:

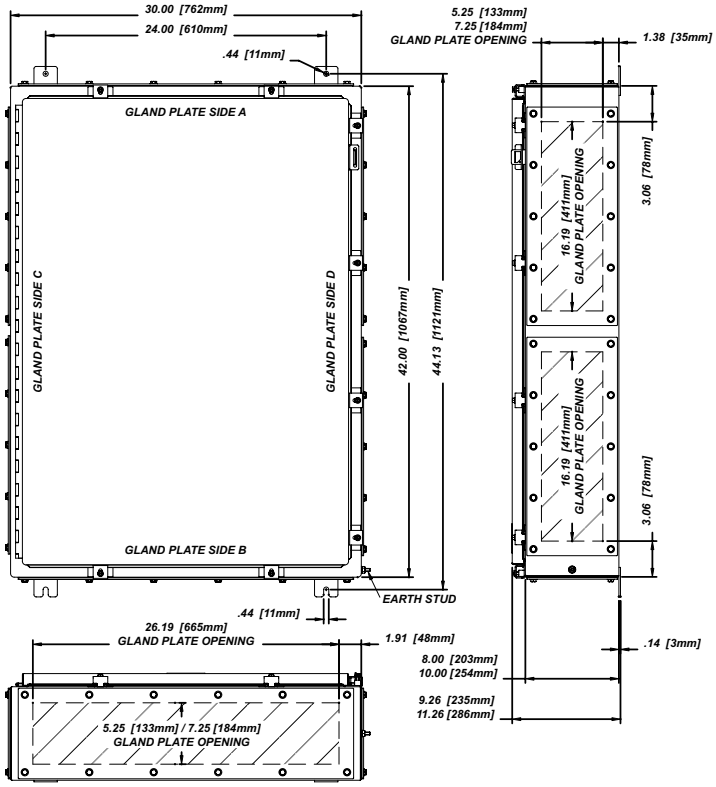
1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

42" X 30" CLAMPED DOOR

ENCLOSURES WITH TERMINALS

8" (203.2mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-423008	None
	TN4X6-423008-B	Side B
	TN4X6-423008-AB	Side A & B
	TN4X6-423008-BCD	Side B, C & D
	TN4X6-423008-ABCD	Sides A, B, C & D

10" (254.0mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-423010	None
	TN4X6-423010-B	Side B
	TN4X6-423010-AB	Side A & B
	TN4X6-423010-BCD	Side B, C & D
	TN4X6-423010-ABCD	Sides A, B, C & D



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES													
Size		Without Gland Plates						With Gland Plates					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	-	144	192	-	192	256	-	84	126	-	52	78
3/4	M20	-	100	120	-	135	162	-	51	85	-	24	32
1	M25	-	64	80	-	88	110	-	42	56	-	24	32
1 1/4	M32	-	36	48	-	51	68	-	22	33	-	14	21
1 1/2	M40	-	33	44	-	45	60	-	20	20	-	12	12
2	M50	-	18	27	-	24	36	-	8	20	-	5	10
2 1/2	M63	-	14	14	-	20	20	-	7	14	-	4	8

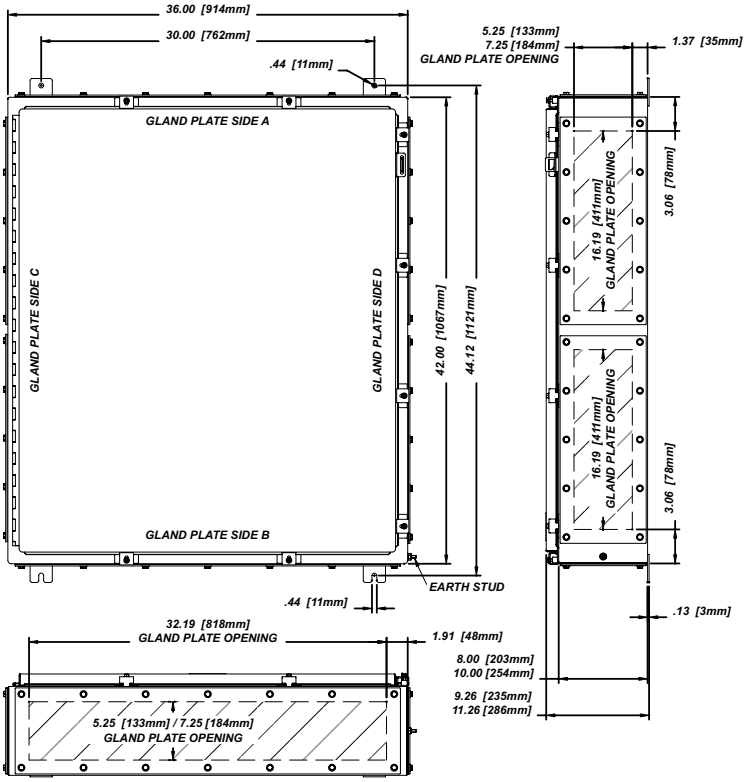
MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	← 172 →		84	x	x	x	x	x	x	x	x
	2.5mm²	←1,302→			55	32	x	x	x	x	x	x
	4mm²	←1,302→			216	63	35	x	x	x	x	x
	6mm²	← 826 →					68	27	x	x	x	x
	10mm²	← 564 →						66	21	x	x	x
	16mm²	← 390 →							55	25	x	x
	35mm²	← 174 →									101	27

Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TN SERIES

42” X 36” CLAMPED DOOR



ENCLOSURES WITH TERMINALS

8” (203.2mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-423608	None
	TN4X6-423608-B	Side B
	TN4X6-423608-AB	Side A & B
	TN4X6-423608-BCD	Side B, C & D
	TN4X6-423608-ABCD	Sides A, B, C & D

10” (254.0mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-423610	None
	TN4X6-423610-B	Side B
	TN4X6-423610-AB	Side A & B
	TN4X6-423610-BCD	Side B, C & D
	TN4X6-423610-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES												
Size		Without Gland Plates						With Gland Plates				
		Sides A & B			Sides C & D			Sides A & B			Sides C & D	
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	-	174	232	-	192	256	-	100	150	-	52	78
3/4	M20	-	120	144	-	135	162	-	63	105	-	33	55
1	M25	-	76	95	-	88	110	-	51	68	-	24	32
1 1/4	M32	-	45	60	-	51	68	-	26	39	-	14	21
1 1/2	M40	-	39	52	-	45	60	-	24	24	-	12	12
2	M50	-	20	30	-	24	36	-	9	18	-	5	10
2 1/2	M63	-	18	18	-	20	20	-	8	16	-	4	8

MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	⟵ 188 ⟶		91	x	x	x	x	x	x	x	x
	2.5mm²	⟵ 1,488 ⟶			61	35	x	x	x	x	x	x
	4mm²	⟵ 1,488 ⟶			236	68	39	x	x	x	x	x
	6mm²	⟵ 944 ⟶					75	28	x	x	x	x
	10mm²	⟵ 658 ⟶						72	23	x	x	x
	16mm²	⟵ 468 ⟶							60	28	x	x
	35mm²	⟵ 174 ⟶									111	29

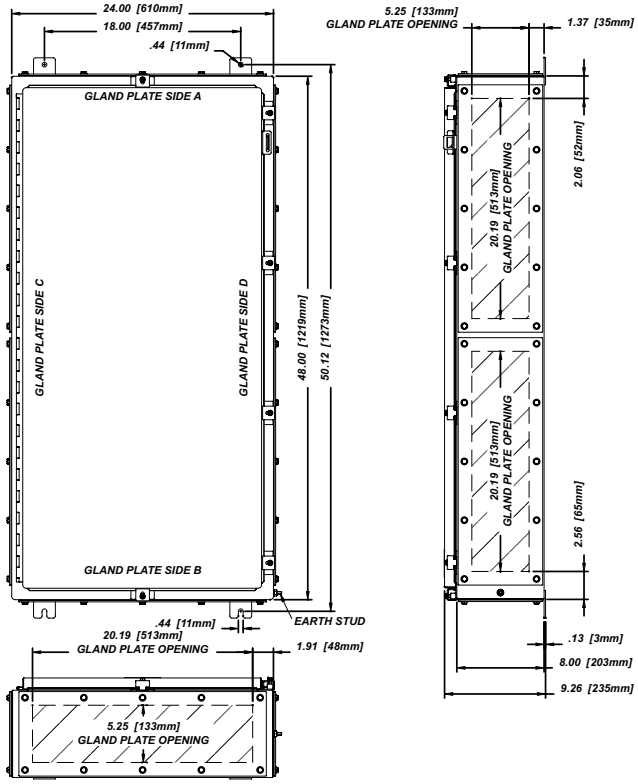
Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

48" X 24" CLAMPED DOOR

ENCLOSURES WITH TERMINALS

8" (203.2mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-482408	None
	TN4X6-482408-B	Side B
	TN4X6-482408-AB	Side A & B
	TN4X6-482408-BCD	Side B, C & D
	TN4X6-482408-ABCD	Sides A, B, C & D



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES													
Size		Without Gland Plates						With Gland Plates					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	-	114	-	-	222	-	-	64	-	-	64	-
3/4	M20	-	80	-	-	155	-	-	39	-	-	39	-
1	M25	-	52	-	-	100	-	-	33	-	-	33	-
1 1/4	M32	-	30	-	-	57	-	-	16	-	-	16	-
1 1/2	M40	-	27	-	-	54	-	-	14	-	-	14	-
2	M50	-	14	-	-	28	-	-	6	-	-	6	-
2 1/2	M63	-	12	-	-	24	-	-	5	-	-	5	-

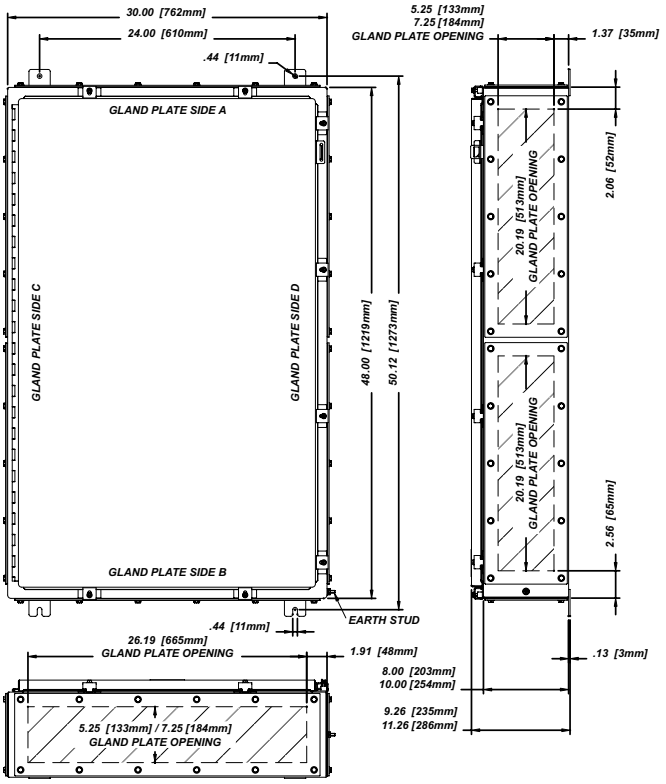
MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	⟵ 155 ⟶		75	x	x	x	x	x	x	x	x
	2.5mm²	⟵ 1,085 ⟶			50	29	x	x	x	x	x	x
	4mm²	⟵ 1,085 ⟶			195	56	32	x	x	x	x	x
	6mm²	⟵ 685 ⟶					61	24	x	x	x	x
	10mm²	⟵ 545 ⟶						60	19	x	x	x
	16mm²	⟵ 273 ⟶							49	23	x	x
	35mm²	⟵ 134 ⟶									91	24

Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TN SERIES

48” X 30” CLAMPED DOOR



ENCLOSURES WITH TERMINALS

8” (203.2mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-483008	None
	TN4X6-483008-B	Side B
	TN4X6-483008-AB	Side A & B
	TN4X6-483008-BCD	Side B, C & D
	TN4X6-483008-ABCD	Sides A, B, C & D

10” (254.0mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-483010	None
	TN4X6-483010-B	Side B
	TN4X6-483010-AB	Side A & B
	TN4X6-483010-BCD	Side B, C & D
	TN4X6-483010-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES												
Size		Without Gland Plates						With Gland Plates				
		Sides A & B			Sides C & D			Sides A & B			Sides C & D	
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	-	144	192	-	222	296	-	84	126	-	64	96
3/4	M20	-	100	120	-	155	186	-	51	85	-	39	65
1	M25	-	64	80	-	100	125	-	42	56	-	33	44
1 1/4	M32	-	36	48	-	57	76	-	22	33	-	16	24
1 1/2	M40	-	33	44	-	54	72	-	20	20	-	14	14
2	M50	-	18	27	-	28	42	-	8	16	-	6	12
2 1/2	M63	-	14	14	-	24	24	-	7	14	-	5	10

MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	⟵ 177 ⟶		86	x	x	x	x	x	x	x	x
	2.5mm²	⟵ 1,519 ⟶			57	33	x	x	x	x	x	x
	4mm²	⟵ 1,519 ⟶			222	64	36	x	x	x	x	x
	6mm²	⟵ 959 ⟶					70	27	x	x	x	x
	10mm²	⟵ 654 ⟶						68	22	x	x	x
	16mm²	⟵ 455 ⟶							56	26	x	x
	35mm²	⟵ 201 ⟶									104	27

Note:

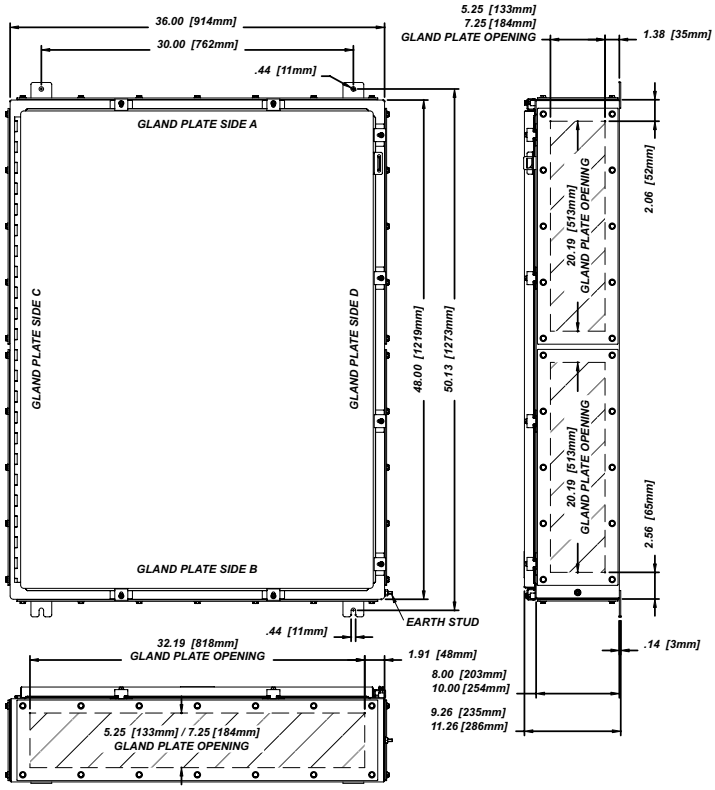
1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

48" X 36" CLAMPED DOOR

ENCLOSURES WITH TERMINALS

8" (203.2mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-483608	None
	TN4X6-483608-B	Side B
	TN4X6-483608-AB	Side A & B
	TN4X6-483608-BCD	Side B, C & D
	TN4X6-483608-ABCD	Sides A, B, C & D

10" (254.0mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-483610	None
	TN4X6-483610-B	Side B
	TN4X6-483610-AB	Side A & B
	TN4X6-483610-BCD	Side B, C & D
	TN4X6-483610-ABCD	Sides A, B, C & D



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES													
Size		Without Gland Plates						With Gland Plates					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	-	174	232	-	222	296	-	100	150	-	64	96
3/4	M20	-	120	144	-	155	186	-	63	105	-	39	65
1	M25	-	76	95	-	100	125	-	51	68	-	33	44
1 1/4	M32	-	45	60	-	57	76	-	26	39	-	16	24
1 1/2	M40	-	39	52	-	54	72	-	24	24	-	14	14
2	M50	-	20	30	-	28	42	-	9	18	-	6	12
2 1/2	M63	-	18	18	-	24	24	-	8	16	-	5	10

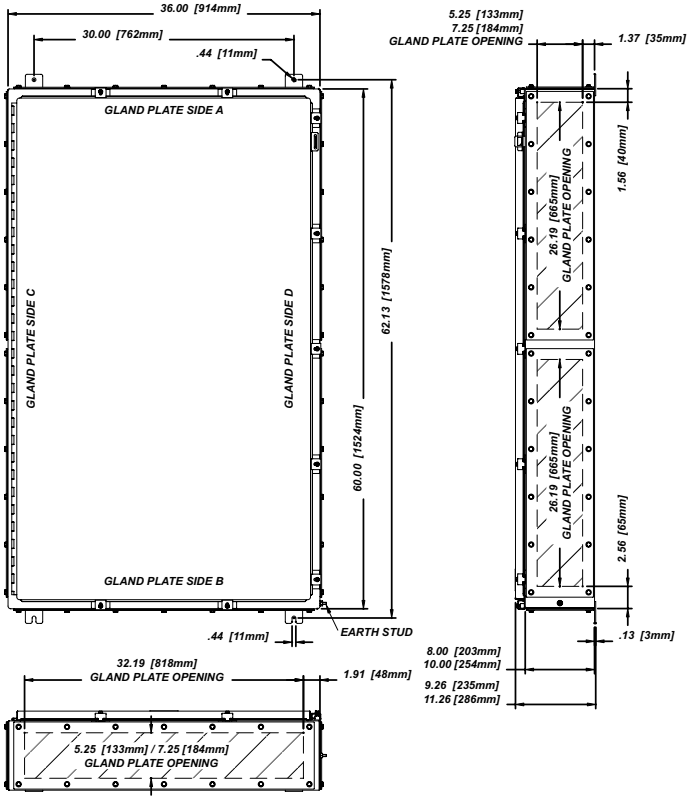
MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	⟵ 196 ⟶		95	x	x	x	x	x	x	x	x
	2.5mm²	⟵ 1,736 ⟶			63	37	x	x	x	x	x	x
	4mm²	⟵ 1,736 ⟶			245	71	40	x	x	x	x	x
	6mm²	⟵ 1,096 ⟶					77	30	x	x	x	x
	10mm²	⟵ 763 ⟶						75	24	x	x	x
	16mm²	⟵ 546 ⟶							62	29	x	x
	35mm²	⟵ 201 ⟶									115	30

Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TN SERIES

60" X 36" CLAMPED DOOR



ENCLOSURES WITH TERMINALS

8" (203.2mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-603608	None
	TN4X6-603608-B	Side B
	TN4X6-603608-AB	Side A & B
	TN4X6-603608-BCD	Side B, C & D
	TN4X6-603608-ABCD	Sides A, B, C & D

10" (254.0mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate
	TN4X6-603610	None
	TN4X6-603610-B	Side B
	TN4X6-603610-AB	Side A & B
	TN4X6-603610-BCD	Side B, C & D
	TN4X6-603610-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES												
Size		Without Gland Plates						With Gland Plates				
		Sides A & B			Sides C & D			Sides A & B			Sides C & D	
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	-	174	232	-	282	376	-	100	150	-	84	126
3/4	M20	-	120	144	-	195	234	-	63	105	-	51	85
1	M25	-	76	95	-	124	155	-	51	68	-	42	56
1 1/4	M32	-	45	60	-	72	96	-	26	39	-	22	33
1 1/2	M40	-	39	52	-	66	88	-	24	24	-	20	30
2	M50	-	20	30	-	34	51	-	9	18	-	8	16
2 1/2	M63	-	18	18	-	14	30	-	8	16	-	7	14

MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm²	1.5mm²		2.5mm²		4mm²	6mm²	10mm²	16mm²	35mm²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm²	←206→		100	x	x	x	x	x	x	x	x
	2.5mm²	←2,224→			66	39	x	x	x	x	x	x
	4mm²	←2,224→			258	75	47	x	x	x	x	x
	6mm²	←1,408→					81	32	x	x	x	x
	10mm²	←980→						79	26	x	x	x
	16mm²	←696→							68	30	x	x
	35mm²	←258→									121	32

Note:

1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

CN SERIES: INCREASED SAFETY TERMINAL ENCLOSURES

Certifications

POPULATED ENCLOSURE

Class I, Division 2, Groups A, B, C, and D
Class II, Division 2, Groups F and G
Class I, Zone 1, AEx d e mb IIC (T5: Ta < +55°C)
(T4: Ta < +70°C)

ATEX Directive 94/9/EC
Class I, Zone 1, Ex d e mb IIC T6X (T5: Ta < +55°C)
(T4: Ta < +70°C)

Class I, Zone 1, Exe II T6 (T5: Ta < +55°C)
(T4: Ta < +70°C)

NEMA Type 4X, 12, and 13

EMPTY ENCLOSURE

Class II, Division 2
Class I, Zone 1, AEx e II
Class I, Zone 1 Exe II
Ex tD A21 IP66
NEMA 4X, 12, and 13

PRODUCT INFORMATION

Features

- Type 316L Stainless steel cover clamps and screws
- Continuous piano hinge with removable stainless steel hinge pin
- Universal DIN rail mounting system (Except 050503)
- One-piece, NEMA 4 / IP66 water-tight gasket
- Internal/external grounding provisions
- Welded-on mounting feet / tabs
- Ambient temperature range -40°C to +70°C
- Padlock hasp and staple

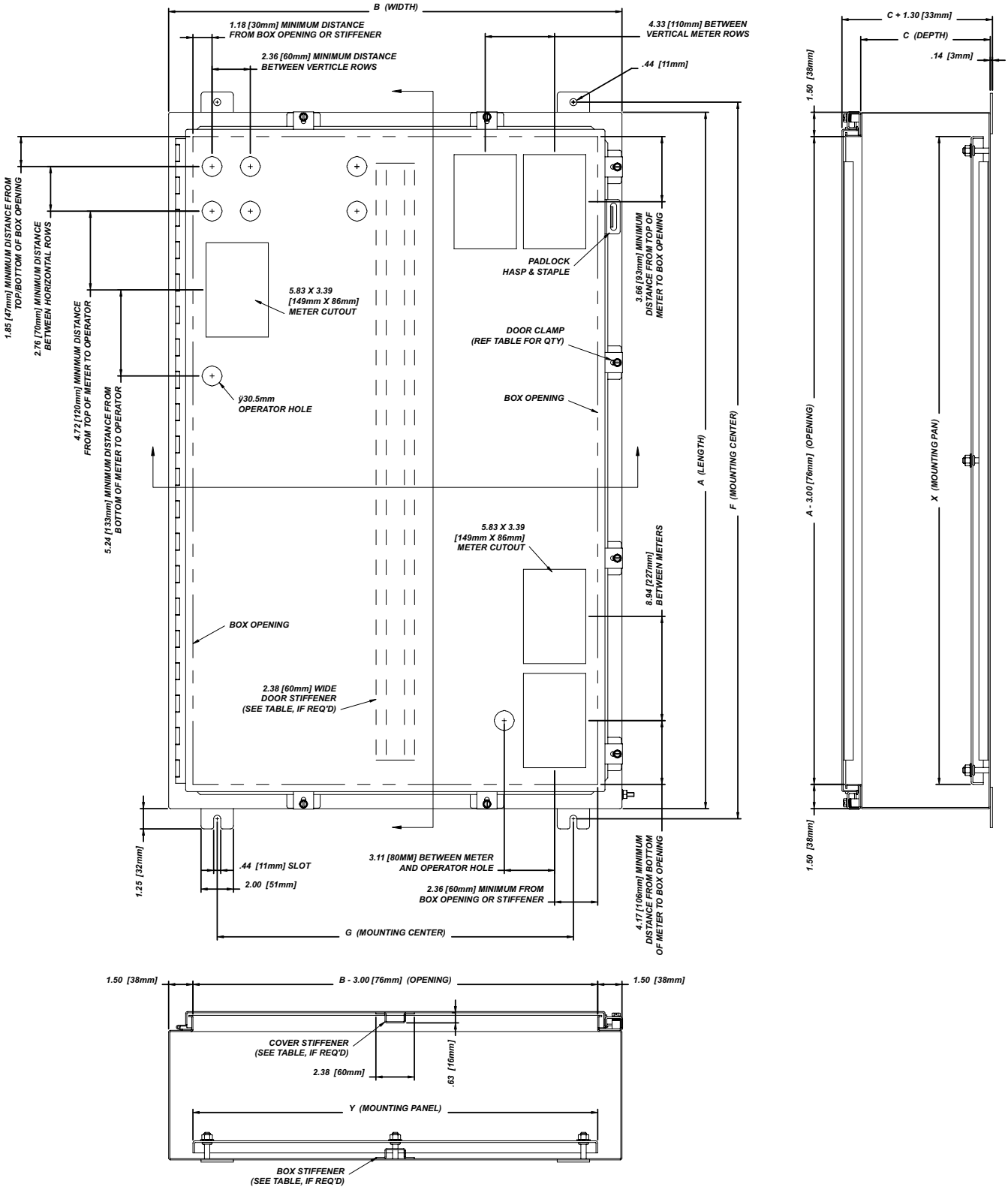
Material

- Enclosure and gland plates Type 304 or 316L
- Cover clamps and screw are 316L
- NEMA 4 / IP66 water-tight gasket is form in place (FIP)
- Box / cover constructed from 14 gauge (0.75) stainless steel with #3/#4 brush finish
- Gland plates constructed from 10 gauge (.1345) stainless steel with #3/#4 brush finish
- Silicone gasket
- Gland plate gasket constructed from 1/8" Bisco silicone with Acrylic PSA

Design Options

- Adalet increased safety rated operating devices
- Gland Plates (6" depths or greater) with continuous gasket
- Painted steel or stainless steel inner mounting panel
- Drilled entries / cut-outs
- Stopping plugs and breather / drain
- Terminal block assemblies and ground bars
- Cable glands
- Window kits
- Custom sizes
- Multiple coating options for additional corrosion resistance

CN SERIES


B (WIDTH)
1.18 [30mm] MINIMUM DISTANCE FROM BOX OPENING OR STIFFENER
2.36 [60mm] MINIMUM DISTANCE BETWEEN VERTICLE ROWS
4.33 [110mm] BETWEEN VERTICAL METER ROWS
.44 [11mm]
1.85 [47mm] MINIMUM DISTANCE FROM TOP/BOTTOM OF BOX OPENING
2.76 [70mm] MINIMUM DISTANCE BETWEEN HORIZONTAL ROWS
4.72 [120mm] MINIMUM DISTANCE FROM TOP OF METER TO OPERATOR
5.24 [133mm] MINIMUM DISTANCE FROM BOTTOM OF METER TO OPERATOR
5.83 X 3.39 [149mm X 86mm] METER CUTOUT
ÿ30.5mm OPERATOR HOLE
PADLOCK HASP & STAPLE
3.66 [93mm] MINIMUM DISTANCE FROM TOP OF METER TO BOX OPENING
DOOR CLAMP (REF TABLE FOR QTY)
BOX OPENING
A (LENGTH)
F (MOUNTING CENTER)
5.83 X 3.39 [149mm X 86mm] METER CUTOUT
8.94 [227mm] BETWEEN METERS
BOX OPENING
2.38 [60mm] WIDE DOOR STIFFENER (SEE TABLE, IF REQ'D)
1.25 [32mm]
.44 [11mm] SLOT
2.00 [51mm]
3.11 [80MM] BETWEEN METER AND OPERATOR HOLE
2.36 [60mm] MINIMUM FROM BOX OPENING OR STIFFENER
4.17 [106mm] MINIMUM DISTANCE FROM BOTTOM OF METER TO BOX OPENING
G (MOUNTING CENTER)
C + 1.30 [33mm]
C (DEPTH)
.14 [3mm]
1.50 [38mm]
A - 3.00 [76mm] (OPENING)
X (MOUNTING PAN)
1.50 [38mm]
1.50 [38mm]
B - 3.00 [76mm] (OPENING)
1.50 [38mm]
COVER STIFFENER (SEE TABLE, IF REQ'D)
2.38 [60mm]
.63 [16mm]
Y (MOUNTING PANEL)
BOX STIFFENER (SEE TABLE, IF REQ'D)

CN SERIES

INCHES

STAINLESS STEEL 316L													
	Gauge Thickness		Box Dimensions			Clamps	Mtg. Center		Stiffener		Panel Cat No.	Panel Dimensions	
Catalog Number	Box	Door	A	B	C	#	F	G	Box	Door	Optional	X	Y
CN4X6-161206	16	14	16.00	12.00	6.00	4	17.25	9.50	-	-	V1612	13.00	9.00
CN4X6-161206	16	14	16.00	12.00	6.00	4	17.25	9.50	-	-	V1612	13.00	9.00
CN4X6-161606	16	14	16.00	16.00	6.00	4	17.25	10.00	-	-	V1616	13.00	13.00
CN4X6-162006	16	14	16.00	20.00	6.00	4	17.25	14.00	-	-	V2016	13.00	17.00
CN4X6-201606	16	14	20.00	16.00	6.00	4	21.25	10.00	-	-	V2016	17.00	13.00
CN4X6-202006	16	14	20.00	20.00	6.00	4	21.25	14.00	-	-	V2020	17.00	17.00
CN4X6-202406	16	14	20.00	24.00	6.00	4	21.25	18.00	-	-	V2420	17.00	21.00
CN4X6-241206	16	14	24.00	12.00	6.00	5	25.25	9.50	-	-	V2412	21.00	9.00
CN4X6-241606	16	14	24.00	16.00	6.00	5	25.25	10.00	-	-	V2416	21.00	13.00
CN4X6-242006	16	14	24.00	20.00	6.00	5	25.25	14.00	-	-	V2420	21.00	17.00
CN4X6-242406	16	14	24.00	24.00	6.00	5	25.25	18.00	-	-	V2424	21.00	21.00
CN4X6-302006	14	14	30.00	20.00	6.00	5	31.25	14.00	-	-	V3020	27.00	17.00
CN4X6-302406	14	14	30.00	24.00	6.00	5	31.25	18.00	-	-	V3024	27.00	21.00
CN4X6-362406	14	14	36.00	24.00	6.00	5	37.25	18.00	-	-	V3624	33.00	21.00
CN4X6-363006	14	14	36.00	30.00	6.00	7	37.25	24.00	REQ'D	-	V3630	33.00	27.00
CN4X6-161208	16	14	16.00	12.00	8.00	4	17.25	9.50	-	-	V1612	13.00	9.00
CN4X6-161608	16	14	16.00	16.00	8.00	4	17.25	10.00	-	-	V1616	13.00	13.00
CN4X6-162008	16	14	16.00	20.00	8.00	4	17.25	14.00	-	-	V1620	13.00	17.00
CN4X6-201608	16	14	20.00	16.00	8.00	4	21.25	10.00	-	-	V2016	17.00	13.00
CN4X6-202008	16	14	20.00	20.00	8.00	4	21.25	14.00	-	-	V2020	17.00	17.00
CN4X6-202408	16	14	20.00	24.00	8.00	4	21.25	18.00	-	-	V2024	17.00	21.00
CN4X6-241608	16	14	24.00	16.00	8.00	5	25.25	10.00	-	-	V2416	21.00	13.00
CN4X6-242008	16	14	24.00	20.00	8.00	5	25.25	14.00	-	-	V2420	21.00	17.00
CN4X6-242408	16	14	24.00	24.00	8.00	5	25.25	18.00	-	-	V2424	21.00	21.00
CN4X6-243008	14	14	24.00	30.00	8.00	7	25.25	24.00	-	-	V2430	21.00	27.00
CN4X6-302008	14	14	30.00	20.00	8.00	5	31.25	14.00	-	-	V3020	27.00	17.00
CN4X6-302408	14	14	30.00	24.00	8.00	5	31.25	18.00	-	-	V3024	27.00	21.00
CN4X6-303008	14	14	30.00	30.00	8.00	7	31.25	24.00	REQ'D	-	V3030	27.00	27.00
CN4X6-362408	14	14	36.00	24.00	8.00	5	37.25	18.00	-	-	V3624	33.00	21.00
CN4X6-363008	14	14	36.00	30.00	8.00	7	37.25	24.00	REQ'D	-	V3630	33.00	27.00
CN4X6-363608	14	14	36.00	36.00	8.00	7	37.25	30.00	REQ'D	REQ'D	V3636	33.00	33.00
CN4X6-423008	14	14	42.00	30.00	8.00	8	43.25	24.00	REQ'D	REQ'D	V4230	39.00	27.00
CN4X6-423608	14	14	42.00	36.00	8.00	8	43.25	30.00	REQ'D	REQ'D	V4236	39.00	33.00
CN4X6-483608	14	14	48.00	36.00	8.00	8	49.25	30.00	REQ'D	REQ'D	V4836	45.00	33.00
CN4X6-201610	16	14	20.00	16.00	10.00	4	21.25	10.00	-	-	V2016	17.00	13.00

Note:
1. For stainless steel 304 constructions, substitute CN4X6 (SS316L Prefix) with CN4X (SS304 Prefix).
2. Gland plate options area available on enclosure < 12 inches deep, consult factory for gland plates on enclosures > 10 inches deep.

Add the following suffixes for gland plates:
- A: Gland plate installed on TOP side of box
- B: Gland plate installed on BOTTOM side of box
- C: Gland plate installed on LEFT side of box
- D: Gland plate installed on RIGHT side of box

For multiple gland plates omit dashes. (i.e. CN4X6-161608-ABCD)

CN SERIES

INCHES

STAINLESS STEEL 316L													
	Gauge Thickness		Box Dimensions			Clamps	Mtg. Center		Stiffener		Panel Cat No.	Panel Dimensions	
Catalog Number	Box	Door	A	B	C	#	F	G	Box	Door	Optional	X	Y
CN4X6-202010	16	14	20.00	20.00	10.00	4	21.25	14.00	-	-	V2020	17.00	17.00
CN4X6-242010	16	14	24.00	20.00	10.00	5	25.25	14.00	-	-	V2420	21.00	17.00
CN4X6-242410	16	14	24.00	24.00	10.00	5	25.25	18.00	-	-	V2424	21.00	21.00
CN4X6-302410	14	14	30.00	24.00	10.00	5	31.25	18.00	-	-	V3024	27.00	21.00
CN4X6-362410	14	14	36.00	24.00	10.00	5	37.25	18.00	-	-	V3624	33.00	21.00
CN4X6-363010	14	14	36.00	30.00	10.00	7	37.25	24.00	REQ'D	-	V3630	33.00	27.00
CN4X6-423010	14	14	42.00	30.00	10.00	8	43.25	24.00	REQ'D	REQ'D	V4230	39.00	27.00
CN4X6-423610	14	14	42.00	36.00	10.00	8	43.25	30.00	REQ'D	REQ'D	V4236	39.00	33.00
CN4X6-483610	14	14	48.00	36.00	10.00	8	49.25	30.00	REQ'D	REQ'D	V4836	45.00	33.00
CN4X6-603610	14	14	60.00	36.00	10.00	9	61.25	30.00	REQ'D	REQ'D	V6036	57.00	33.00
CN4X6-201612	16	14	20.00	16.00	12.00	4	21.25	10.00	-	-	V2016	17.00	13.00
CN4X6-242012	16	14	24.00	20.00	12.00	5	25.25	14.00	-	-	V2420	21.00	17.00
CN4X6-242412	16	14	24.00	24.00	12.00	5	25.25	18.00	-	-	V2424	21.00	21.00
CN4X6-302412	14	14	30.00	24.00	12.00	5	31.25	18.00	-	-	V3024	27.00	21.00
CN4X6-303012	14	14	30.00	30.00	12.00	7	31.25	24.00	REQ'D	-	V3030	27.00	27.00
CN4X6-362412	14	14	36.00	24.00	12.00	5	37.25	18.00	-	-	V3624	33.00	21.00
CN4X6-363012	14	14	36.00	30.00	12.00	7	37.25	24.00	REQ'D	-	V3630	33.00	27.00
CN4X6-363612	14	14	36.00	36.00	12.00	7	37.25	30.00	REQ'D	REQ'D	V3636	33.00	33.00
CN4X6-423012	14	14	42.00	30.00	12.00	8	43.25	24.00	REQ'D	REQ'D	V4230	39.00	27.00
CN4X6-423612	14	14	42.00	36.00	12.00	8	43.25	30.00	REQ'D	REQ'D	V4236	39.00	33.00
CN4X6-483612	14	14	48.00	36.00	12.00	8	49.25	30.00	REQ'D	REQ'D	V4836	45.00	33.00
CN4X6-603612	14	14	60.00	36.00	12.00	9	61.25	30.00	REQ'D	REQ'D	V6036	57.00	33.00
CN4X6-242016	16	14	24.00	20.00	16.00	5	25.25	14.00	-	-	V2420	21.00	17.00
CN4X6-242416	16	14	24.00	24.00	16.00	5	25.25	18.00	-	-	V2424	21.00	21.00
CN4X6-302416	14	14	30.00	24.00	16.00	5	31.25	18.00	-	-	V3024	27.00	21.00
CN4X6-363016	14	14	36.00	30.00	16.00	7	37.25	24.00	REQ'D	-	V3630	33.00	27.00
CN4X6-423616	14	14	42.00	36.00	16.00	8	43.25	30.00	REQ'D	REQ'D	V4236	39.00	33.00
CN4X6-483616	14	14	48.00	36.00	16.00	8	49.25	30.00	REQ'D	REQ'D	V4836	45.00	33.00
CN4X6-603616	14	14	60.00	36.00	16.00	9	61.25	30.00	REQ'D	REQ'D	V6036	57.00	33.00
CN4X6-302420	14	14	30.00	24.00	20.00	5	31.25	18.00	-	-	V3024	27.00	21.00
CN4X6-363020	14	14	36.00	30.00	20.00	7	37.25	24.00	REQ'D	-	V3630	33.00	27.00
CN4X6-483620	14	14	48.00	36.00	20.00	8	49.25	30.00	REQ'D	REQ'D	V4836	45.00	33.00
CN4X6-603620	14	14	60.00	36.00	20.00	9	61.25	30.00	REQ'D	REQ'D	V6036	57.00	33.00
CN4X6-302424	14	14	30.00	24.00	20.00	5	31.25	18.00	-	-	V3024	27.00	21.00

Note:
1. For stainless steel 304 constructions, substitute CN4X6 (SS316L Prefix) with CN4X (SS304 Prefix).
2. Gland plate options area available on enclosure < 12 inches deep, consult factory for gland plates on enclosures > 10 inches deep.

Add the following suffixes for gland plates:
- A: Gland plate installed on TOP side of box
- B: Gland plate installed on BOTTOM side of box
- C: Gland plate installed on LEFT side of box
- D: Gland plate installed on RIGHT side of box

For multiple gland plates omit dashes. (i.e. CN4X6-161608-ABCD)

CN SERIES

METRIC

STAINLESS STEEL 316L													
	Gauge Thickness		Box Dimensions			Clamps	Mtg. Center		Stiffener		Panel Cat No.	Panel Dimensions	
Catalog Number	Box	Door	A	B	C	#	F	G	Box	Door	Optional	X	Y
CN4X6-161206	16	14	406.4	304.8	152.4	4	460.4	241.3	-	-	V1612	330.2	228.6
CN4X6-161606	16	14	406.4	406.4	152.4	4	460.4	254.0	-	-	V1616	330.2	330.2
CN4X6-162006	16	14	406.4	508.0	152.4	4	460.4	355.6	-	-	V2016	330.2	431.8
CN4X6-201606	16	14	508.0	406.4	152.4	4	562.0	254.0	-	-	V2016	431.8	330.2
CN4X6-202006	16	14	508.0	508.0	152.4	4	562.0	355.6	-	-	V2020	431.8	431.8
CN4X6-202406	16	14	508.0	609.6	152.4	4	562.0	457.2	-	-	V2420	431.8	533.4
CN4X6-241206	16	14	609.6	304.8	152.4	5	663.6	241.3	-	-	V2412	533.4	228.6
CN4X6-241606	16	14	609.6	406.4	152.4	5	663.6	254.0	-	-	V2416	533.4	330.2
CN4X6-242006	16	14	609.6	508.0	152.4	5	663.6	355.6	-	-	V2420	533.4	431.8
CN4X6-242406	16	14	609.6	609.6	152.4	5	663.6	457.2	-	-	V2424	533.4	533.4
CN4X6-302006	14	14	762.0	508.0	152.4	5	816.0	355.6	-	-	V3020	685.8	431.8
CN4X6-302406	14	14	762.0	609.6	152.4	5	816.0	457.2	-	-	V3024	685.8	533.4
CN4X6-362406	14	14	914.4	609.6	152.4	5	968.4	457.2	-	-	V3624	838.2	533.4
CN4X6-363006	14	14	914.4	762.0	152.4	7	968.4	609.6	REQ'D	-	V3630	838.2	685.8
CN4X6-161208	16	14	406.4	304.8	203.2	4	460.4	241.3	-	-	V1612	330.2	228.6
CN4X6-161608	16	14	406.4	406.4	203.2	4	460.4	254.0	-	-	V1616	330.2	330.2
CN4X6-162008	16	14	406.4	508.0	203.2	4	460.4	355.6	-	-	V1620	330.2	431.8
CN4X6-201608	16	14	508.0	406.4	203.2	4	562.0	254.0	-	-	V2016	431.8	330.2
CN4X6-202008	16	14	508.0	508.0	203.2	4	562.0	355.6	-	-	V2020	431.8	431.8
CN4X6-202408	16	14	508.0	609.6	203.2	4	562.0	457.2	-	-	V2024	431.8	533.4
CN4X6-241608	16	14	609.6	406.4	203.2	5	663.6	254.0	-	-	V2416	533.4	330.2
CN4X6-242008	16	14	609.6	508.0	203.2	5	663.6	355.6	-	-	V2420	533.4	431.8
CN4X6-242408	16	14	609.6	609.6	203.2	5	663.6	457.2	-	-	V2424	533.4	533.4
CN4X6-243008	14	14	609.6	762.0	203.2	7	663.6	609.6	-	-	V2430	533.4	685.8
CN4X6-302008	14	14	762.0	508.0	203.2	5	816.0	355.6	-	-	V3020	685.8	431.8
CN4X6-302408	14	14	762.0	609.6	203.2	5	816.0	457.0	-	-	V3024	685.8	533.4
CN4X6-303008	14	14	762.0	762.0	203.2	7	916.0	609.6	REQ'D	-	V3030	685.8	685.8
CN4X6-362408	14	14	914.4	609.6	203.2	5	968.4	457.2	-	-	V3624	838.2	533.4
CN4X6-363008	14	14	914.4	762.0	203.2	7	968.4	609.6	REQ'D	-	V3630	838.2	685.8
CN4X6-363608	14	14	914.4	914.4	203.2	7	968.4	762.0	REQ'D	REQ'D	V3636	838.2	838.2
CN4X6-423008	14	14	1066.8	762.9	203.2	8	1120.8	609.6	REQ'D	REQ'D	V4230	990.6	685.8
CN4X6-423608	14	14	1066.8	914.4	203.2	8	1120.8	762.0	REQ'D	REQ'D	V4236	990.6	838.2
CN4X6-483608	14	14	1219.2	914.4	203.2	8	1273.2	762.0	REQ'D	REQ'D	V4836	1143.0	838.2
CN4X6-201610	16	14	508.0	406.4	254.0	4	562.0	254.0	-	-	V2016	431.8	330.2

Note:

1. For stainless steel 304 constructions, substitute CN4X6 (SS316L Prefix) with CN4X (SS304 Prefix).
2. Gland plate options area available on enclosure < 12 inches deep, consult factory for gland plates on enclosures > 10 inches deep.

Add the following suffixes for gland plates:

- A: Gland plate installed on TOP side of box
- B: Gland plate installed on BOTTOM side of box
- C: Gland plate installed on LEFT side of box
- D: Gland plate installed on RIGHT side of box

For multiple gland plates omit dashes. (i.e. CN4X6-161608-ABCD)

CN SERIES

METRIC

STAINLESS STEEL 316L													
	Gauge Thickness		Box Dimensions			Clamps	Mtg. Center		Stiffener		Panel Cat No.	Panel Dimensions	
Catalog Number	Box	Door	A	B	C	#	F	G	Box	Door	Optional	X	Y
CN4X6-202010	16	14	508.0	508.0	254.0	4	562.0	355.6	-	-	V2020	431.8	431.8
CN4X6-242010	16	14	609.6	508.0	254.0	5	663.6	355.6	-	-	V2420	533.4	431.8
CN4X6-242410	16	14	609.6	609.6	254.0	5	663.6	457.2	-	-	V2424	533.4	533.4
CN4X6-302410	14	14	762.0	609.6	254.0	5	816.0	457.2	-	-	V3024	685.8	533.4
CN4X6-362410	14	14	914.4	609.6	254.0	5	968.4	457.2	-	-	V3624	838.2	533.4
CN4X6-363010	14	14	914.4	762.0	254.0	7	968.4	609.6	REQ'D	-	V3630	838.2	685.8
CN4X6-423010	14	14	1066.8	762.0	254.0	8	1120.8	609.6	REQ'D	REQ'D	V4230	990.6	685.8
CN4X6-423610	14	14	1066.8	914.4	254.0	8	1120.8	762.0	REQ'D	REQ'D	V4236	990.6	838.2
CN4X6-483610	14	14	1219.2	914.4	254.0	8	1120.8	762.0	REQ'D	REQ'D	V4836	1143.0	838.2
CN4X6-603610	14	14	1524.0	914.4	254.0	9	1578.0	762.0	REQ'D	REQ'D	V6036	1447.8	838.2
CN4X6-201612	16	14	508.0	406.4	304.8	4	562.0	254.0	-	-	V2016	431.8	330.2
CN4X6-242012	16	14	609.6	508.0	304.8	5	663.6	355.6	-	-	V2420	533.4	431.8
CN4X6-242412	16	14	609.6	609.6	304.8	5	663.6	457.2	-	-	V2424	533.4	533.4
CN4X6-302412	14	14	762.0	609.6	304.8	5	816.0	457.2	-	-	V3024	685.8	533.4
CN4X6-303012	14	14	762.0	762.0	304.8	7	816.0	609.6	REQ'D	-	V3030	685.8	685.8
CN4X6-362412	14	14	914.4	609.6	304.8	5	968.4	457.2	-	-	V3624	838.2	533.4
CN4X6-363012	14	14	914.4	762.0	304.8	7	968.4	609.6	REQ'D	-	V3630	838.2	685.8
CN4X6-363612	14	14	914.4	914.4	304.8	7	968.4	762.0	REQ'D	REQ'D	V3636	838.2	838.2
CN4X6-423012	14	14	1066.8	762.0	304.8	8	1120.8	609.6	REQ'D	REQ'D	V4230	990.6	685.8
CN4X6-423612	14	14	1066.8	914.4	304.8	8	1120.8	762.0	REQ'D	REQ'D	V4236	990.6	838.2
CN4X6-483612	14	14	1219.2	914.4	304.8	8	1273.2	762.0	REQ'D	REQ'D	V4836	1143.0	838.2
CN4X6-603612	14	14	1524.0	914.4	304.8	9	1578.0	762.0	REQ'D	REQ'D	V6036	1447.8	838.2
CN4X6-242016	16	14	609.6	508.0	406.4	5	663.6	355.6	-	-	V2420	533.4	431.8
CN4X6-242416	16	14	609.6	609.6	406.4	5	663.6	457.2	-	-	V2424	533.4	533.4
CN4X6-302416	14	14	762.0	609.6	406.4	5	816.0	457.2	-	-	V3024	685.8	533.4
CN4X6-363016	14	14	914.4	762.0	406.4	7	968.4	609.6	REQ'D	-	V3630	838.2	685.8
CN4X6-423616	14	14	1066.8	914.4	406.4	8	1120.8	762.0	REQ'D	REQ'D	V4236	990.6	838.2
CN4X6-483616	14	14	1219.2	914.4	406.4	8	1273.2	762.0	REQ'D	REQ'D	V4836	1143.0	838.2
CN4X6-603616	14	14	1524.0	914.4	406.4	9	1578.0	762.0	REQ'D	REQ'D	V6036	1447.8	838.2
CN4X6-302420	14	14	762.0	609.6	508.0	5	816.0	457.2	-	-	V3024	685.8	533.4
CN4X6-363020	14	14	914.4	762.0	508.0	7	968.4	609.6	REQ'D	-	V3630	838.2	685.8
CN4X6-483620	14	14	1219.2	914.4	508.0	8	1273.2	762.0	REQ'D	REQ'D	V4836	1143.0	838.2
CN4X6-603620	14	14	1524.0	914.4	508.0	9	1578.0	762.0	REQ'D	REQ'D	V6036	1447.8	838.2
CN4X6-302424	14	14	762.0	609.6	508.0	5	816.0	457.2	-	-	V3024	685.8	533.4

Note:
1. For stainless steel 304 constructions, substitute CN4X6 (SS316L Prefix) with CN4X (SS304 Prefix).
2. Gland plate options area available on enclosure < 12 inches deep, consult factory for gland plates on enclosures > 10 inches deep.

Add the following suffixes for gland plates:
- A: Gland plate installed on TOP side of box
- B: Gland plate installed on BOTTOM side of box
- C: Gland plate installed on LEFT side of box
- D: Gland plate installed on RIGHT side of box

For multiple gland plates omit dashes. (i.e. CN4X6-161608-ABCD)

SELECTOR SWITCHES

Certifications

Class I, Division 2, Groups A, B, C, D
Class II, Groups E, F, G (Canada Only)
Class I, Zone 1, AEx de IIC T6 -55°C < Ta < +60°C
Ex de IIC T6 X -55°C < Ta < +60°C
IECEx Ex de IIC Gb -55°C < Ta < +60°C
CE 0539 II 2 G Ex e II C T6 (T5: Ta < +55°C)(T4: Ta < +70°C)
CE 0539 II 2 D Ex tD A21 IP66 T200°C
IECEx Ex tb IIIC Db IP66
DIP
DIP A21 TAT6

SELECTOR SWITCH			
Catalog Number	Cam	# Pos.	Type
EHSS	1	2	2 POSITION - Maintained
EHSS	2-6	3	3 POSITION - Maintained
EHSC	2-6	3	Spring return center from right and left
EHSR2	1	2	Spring return to left from right
EHSR	2-6	3	Spring return center from right, maintain left
EHSL2	1	2	Spring return to right from left
EHSL	2-6	3	Spring return center from left, maintain right

KEYED SELECTOR SWITCH			
Catalog Number	Cam	# Pos.	Type
EHKSS	1	2	2 POSITION - Maintained
EHKSS	2-6	3	3 POSITION - Maintained
EHKSC	2-6	3	Spring return center from right and left
EHKSR2	1	2	Spring return to left from right
EHKSR	2-6	3	Spring return center from right, maintain left
EHKSL2	1	2	Spring return to right from left
EHKSL	2-6	3	Spring return center from left, maintain right

Note:
1. Adalet EBT contact blocks are 1NO / 1NC Standard
2. A max of 2 blocks per operator
3. One EBT contact block is standard

CONTACT SEQUENCE CHART							
Circuit of Contact Block	Mounting Position	Cam 1 Contact Sequence	Cam 2 Contact Sequence	Cam 3 Contact Sequence	Cam 4 Contact Sequence	Cam 5 Contact Sequence	Cam 6 Contact Sequence
O = Contact Open X = Contact Closed							
Normally Closed (NC)	A	X O	X X O	X X O	X O X	O O X	O O X
Normally Open (NO)	A	O X	O O X	O O X	O X O	X X O	O X O
Normally Closed (NC)	B	X O	O X O	O X X	X O O	O X X	X O O
Normally Open (NO)	B	O X	X O X	X O O	O X X	X O O	O O

CN SERIES - CONTROLS

INDICATOR LIGHTS

Certifications

Class I, Division 2, Groups A, B, C, D
Class II, Groups E, F, G (Canada Only)
Class I, Zone 1, AEx de IIC T6 -55°C < Ta < +60°C
Ex de IIC T6 X -55°C < Ta < +60°C
IECEx Ex de IIC Gb -55°C < Ta < +60°C
CE 0539 II 2 G Ex e II C T6 (T5: Ta < +55°C)(T4: Ta < +70°C)
CE 0539 II 2 D Ex tD A21 IP66 T200°C
IECEx Ex tb IIIC Db IP66
DIP
DIP A21 TAT6

PILOT LIGHTS			
8" Flexible Leads Catalog Number	Terminal Block Catalog Number	Color	Voltage
ELA120	ELAT120	AMBER	120
ELG120	ELGT120	GREEN	120
ELR120	ELRT120	RED	120
ELW120	ELWT120	WHITE	120
ELA12	ELAT12	AMBER	12
ELG12	ELGT12	GREEN	12
ELR12	ELRT12	RED	12
ELW12	ELWT12	WHITE	12
ELA24	ELAT24	AMBER	24
ELG24	ELGT24	GREEN	24
ELR24	ELRT24	RED	24
ELW24	ELWT24	WHITE	24

PUSHBUTTONS

PUSHBUTTON		
Catalog Number	Cap Color	Button Color
EHPB-B	BLACK	BLACK
EHPB-G	BLACK	GREEN
EHPB-R	BLACK	RED

MUSHROOM HEAD PUSHBUTTON		
Catalog Number	Cap Color	Style
EHPBM-R	RED	MOMENTARY
EHPBM-B	BLACK	MOMENTARY
EHPPM	RED	PUSH/PULL

CN SERIES - CONTROLS

ILLUMINATED PUSH BUTTONS

Certifications

Class I, Division 2, Groups A, B, C, D
Class II, Groups E, F, G (Canada Only)
Class I, Zone 1, AEx de IIC T6 -55°C < Ta < +60°C
Ex de IIC T6 X -55°C < Ta < +60°C
IECEx Ex de IIC Gb -55°C < Ta < +60°C
CE 0539 II 2 G Ex e II C T6 (T5: Ta < +55°C)(T4: Ta < +70°C)
CE 0539 II 2 D Ex tD A21 IP66 T200°C
IECEx Ex tb IIIC Db IP66
DIP
DIP A21 TAT6

ILLUMINATED PUSH BUTTON OPERATORS WITH CONTACT BLOCK			
Catalog Number	Color	Voltage	Watts
ELPA120	AMBER	120	1.50
ELPG120	GREEN	120	1.50
ELPR120	RED	120	1.50
ELPW120	WHITE	120	1.50
ELPA12	AMBER	12	.30
ELPG12	GREEN	12	.30
ELPR12	RED	12	.30
ELPW12	WHITE	12	.30
ELPA24	AMBER	24	.60
ELPG24	GREEN	24	.60
ELPR24	RED	24	.60
ELPW24	WHITE	24	.60

CABLE GLANDS

Adalet offers a variety of cable glands and fittings used in hazardous location applications. Available in brass, nickel plated brass, or stainless steel, the cable glands are for use in hazardous areas within the oil & gas, petrochemical, and marine applications. These fittings carry global certifications and are available in various gland sizes for metric and NPT threads. Available for both Exd and Exe applications, the cable glands can be equipped wth various options such as special threads, seals, and plating.

*Consult factory for details

OPERATOR ENCLOSURE

CSC SERIES: INCREASED SAFETY OPERATOR ENCLOSURES

Certifications

POPULATED ENCLOSURE

Class I, Division 2, Groups A, B, C, and D
Class II, Division 2, Groups F and G
Class I, Zone 1, AEx e II (T5: Ta < +55°C)
(T4: Ta < +70°C)
ATEX Directive 94/9/EC
Class I, Zone 1, Exe II T6 (T5: Ta < +55°C)
(T4: Ta < +70°C)
Class I, Zone 1, Exe II T6 (T5: Ta < +55°C)
(T4: Ta < +70°C)
NEMA Type 4X, 12, and 13

EMPTY ENCLOSURE

Class II, Division 2
Class I, Zone 1, AEx e II
Class I, Zone 1 Exe II
Ex tD A21 IP66
NEMA 4X, 12, and 13

PRODUCT INFORMATION

Features

- Type 316L Stainless steel captive hex head, slotted cover screws
- Universal DIN rail mounting system (Except 050504/06)
- One-piece, NEMA 4 / IP66 water-tight gasket
- Internal/external grounding provisions
- Welded-on mounting flange with 0.31" clearance holes
- Ambient temperature range -40°C to +70°C
- 10 standard sizes with standard 30.5mm cover hole configurations

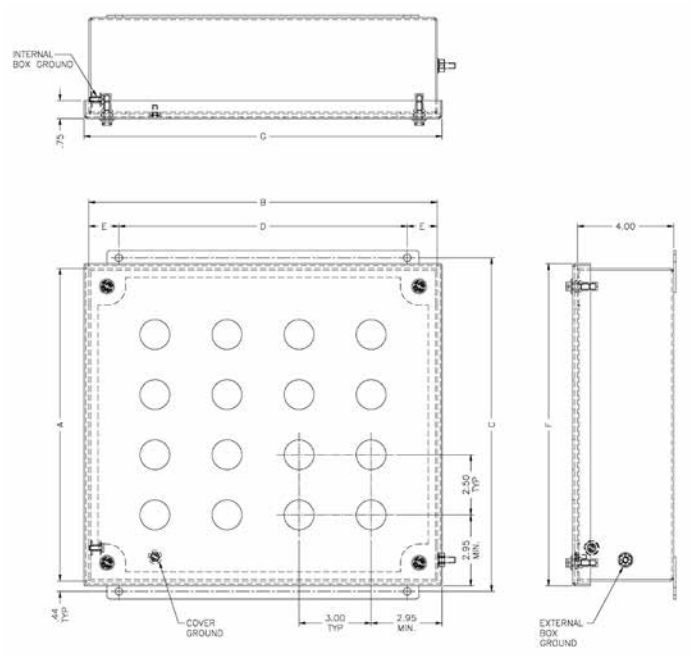
Material

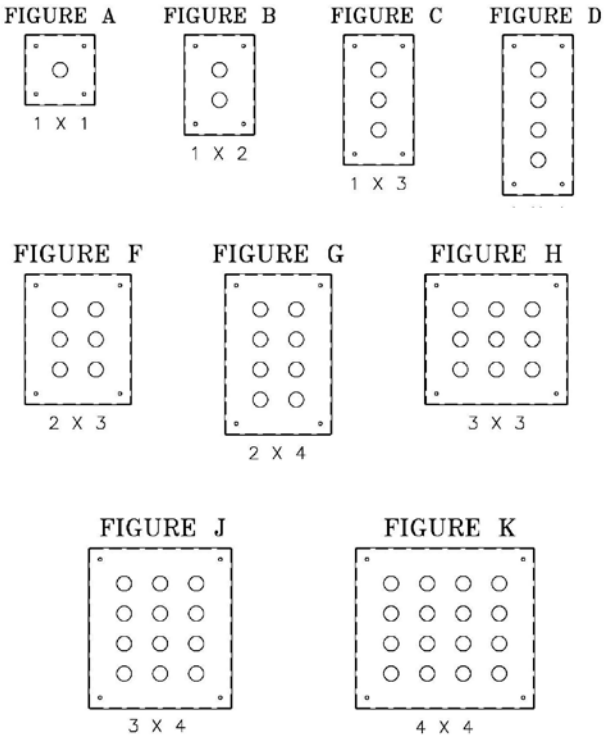
- Enclosure and gland plates Type 304 or 316L
- Captive cover screws and hardware are 316L
- NEMA 4 / IP66 water-tight gasket is form in place (FIP)
- Box / cover constructed from 14 gauge (0.75) stainless steel with #3/#4 brush finish
- Gland plates constructed from 10 gauge (.1345) stainless steel with #3/#4 brush finish
- Silicone gasket
- Gland plate gasket constructed from 1/8" Bisco silicone with Acrylic PSA

Design Options

- Adalet increased safety operating devices
- Gland Plates (6" depths or greater) with continuous gasket
- Painted steel or stainless steel inner mounting panel
- Drilled entries / cut-outs
- Stopping plugs and breather / drain
- Terminal block assemblies and ground bars
- Cable glands
- Multiple coating options for additional corrosion resistance

OPERATOR ENCLOSURE





ENCLOSURE DIMENSIONS									
Catalog Number	Holes	Figure	A	B	C	D	E	F	G
CSC4X6-050504 (1x1)	1	A	5.50	5.50	6.25	4.00	0.75	5.90	5.90
CSC4X6-050506 (1x1 w/ Terminal Blocks)	1	A	5.50	5.50	6.25	4.00	0.75	5.90	5.90
CSC4X6-080504 (1x2)	2	B	8.00	5.50	8.75	4.00	0.75	8.40	5.90
CSC4X6-080506 (1x2 w/ Terminal Blocks)	2	B	8.00	5.50	8.75	4.00	0.75	8.40	5.90
CSC4X6-100504 (1x3)	3	C	10.50	5.50	11.25	4.00	0.75	10.90	5.90
CSC4X6-100506 (1x3 w/ Terminal Blocks)	3	C	10.50	5.50	11.25	4.00	0.75	10.90	5.90
CSC4X6-130504 (1x4)	4	D	13.00	5.50	13.75	4.00	0.75	13.40	5.90
CSC4X6-130506 (1x4 w/ Terminal Blocks)	4	D	13.00	5.50	13.75	4.00	0.75	13.40	5.90
CSC4X6-080804 (2x2)	4	E	8.00	8.50	8.75	6.00	1.25	8.40	8.90
CSC4X6-080806 (2x2 w/ Terminal Blocks)	4	E	8.00	8.50	8.75	6.00	1.25	8.40	8.90
CSC4X6-100804 (2x3)	6	F	10.50	8.50	11.25	6.00	1.25	10.90	8.90
CSC4X6-100806 (2x3 w/ Terminal Blocks)	6	F	10.50	8.50	11.25	6.00	1.25	10.90	8.90
CSC4X6-130804 (2x4)	8	G	13.00	11.50	13.75	6.00	1.25	13.40	8.90
CSC4X6-130806 (2x4 w/ Terminal Blocks)	8	G	13.00	11.50	13.75	6.00	1.25	13.40	8.90
CSC4X6-101104 (3x3)	9	H	10.50	11.50	11.25	10.00	0.75	10.90	11.90
CSC4X6-101106 (3x3 w/ Terminal Blocks)	9	H	10.50	11.50	11.25	10.00	0.75	10.90	11.90
CSC4X6-131104 (3x4)	12	J	13.00	11.50	13.75	10.00	0.75	13.40	11.90
CSC4X6-131106 (3x4 w/ Terminal Blocks)	12	J	13.00	11.50	13.75	10.00	0.75	13.40	11.90
CSC4X6-131404 (4x4)	16	K	13.00	14.50	13.75	12.00	1.25	13.40	14.90
CSC4X6-131406 (4x4 w/ Terminal Blocks)	16	K	13.00	14.50	13.75	12.00	1.25	13.40	14.90

HV SERIES

HV SERIES: INCREASED SAFETY HIGH VOLTAGE TERMINAL ENCLOSURES

Certifications

POPULATED ENCLOSURE

Class I, Division 2, Groups A, B, C, and D
Class II, Division 2, Groups F and G
Class I, Zone 1, AEx e II (T5: Ta < +55°C)
(T4: Ta < +70°C)
ATEX Directive 94/9/EC
Class I, Zone 1, Exe II T6 (T5: Ta < +55°C)
(T4: Ta < +70°C)
Class I, Zone 1, Exe II T6 (T5: Ta < +55°C)
(T4: Ta < +70°C)
NEMA Type 4X, 12, and 13

PRODUCT INFORMATION

Features

- Type 316L Stainless steel cover clamps and screws
- Continuous piano hinge with removable stainless steel hinge pin
- Three porcelain insulators (1x1) or three mechanical connectors (2x2)
- One-piece, NEMA 4 / IP66 water-tight gasket
- Internal/external grounding provisions
- Welded-on mounting feet / tabs
- Ambient temperature range -40°C to +70°C
- Padlock hasp and staple

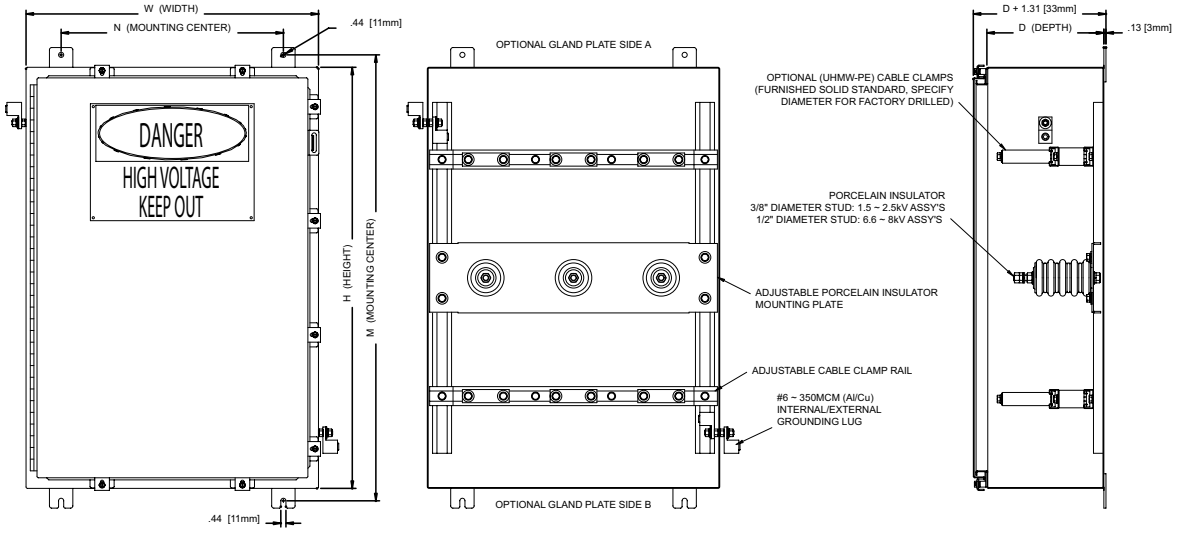
Material

- Enclosure and gland plates Type 304 or 316L
- Cover clamps and screws are 316L
- NEMA 4 / IP66 water-tight gasket
- Box / cover constructed from 14 gauge (0.75) stainless steel with #3/#4 brush finish
- Gland plates constructed from 10 gauge (.1345) stainless steel with #3/#4 brush finish
- SIlicone gasket
- Gland plate gasket constructed from 1/8” Bisco silicone with Acrylic PSA

Design Options

- Gland Plates (6” depths or greater) with continuous gasket
- Painted steel or stainless steel inner mounting panel
- Drilled entries / cut-outs
- Stopping plugs and breather / drain
- Terminal block assemblies and ground bars
- Cable glands
- Window kits
- Custom sizes
- Multiple coating options for additional corrosion resistance
- Cable clamps (1x1 only)
- Various insulator or connector configurations

1 X 1 CONNECTION SERIES



Catalog Number	H	W	D	M	N	VOLTAGE MAX	AMPERAGE MAX
HV4X6-241206	24.00	12.00	6.00	25.25	9.50	1.5kV	315
HV4X6-242006	24.00	20.00	6.00	25.25	14.00	1.5kV	315
HV4X6-201206	20.00	12.00	6.00	21.25	9.50	2.5kV	250
HV4X6-161606	16.00	16.00	6.00	17.25	10.00	2.5kV	200
HV4X6-241606	24.00	16.00	6.00	25.25	10.00	2.5kV	315
HV4X6-301606	30.00	16.00	6.00	31.25	10.00	2.5kV	400
HV4X6-202006	20.00	20.00	6.00	21.25	14.00	2.5kV	250
HV4X6-201407	20.00	14.00	7.00	21.25	8.00	2.5kV	250
HV4X6-251807	25.00	18.00	7.00	26.25	12.00	2.5kV	315
HV4X6-302207	30.00	22.00	7.00	31.25	16.00	2.5kV	400
HV4X6-362507	36.00	25.00	7.00	37.25	19.00	2.5kV	400
HV4X6-201610	20.00	16.00	10.00	21.25	10.00	6.6kV	250
HV4X6-302010	30.00	20.00	10.00	31.25	14.00	8kV	400
HV4X6-242010	24.00	20.00	10.00	25.25	14.00	8kV	315
HV4X6-302410	30.00	24.00	10.00	31.25	18.00	8kV	400
HV4X6-242410	24.00	24.00	10.00	25.25	18.00	8kV	315
HV4X6-362410	36.00	24.00	10.00	37.25	18.00	8kV	400
HV4X6-362510	36.00	25.00	10.00	37.25	19.00	8kV	500
HV4X6-603610	60.00	36.00	10.00	61.25	30.00	8kV	500
HV4X6-603616	60.00	36.00	16.00	61.25	30.00	11kV	500

MIN CONDUCTOR SIZE mm ²	MIN CONDUCTOR SIZE AWG/MCM	AMPERAGE MAX
10	8	50
16	6	63
25	4	80
35	2	100
50	1/0	125
70	2/0	160
95	3/0	200
120	4/0	225
150	250	250
185	350	315
240	400	400
300	500	500

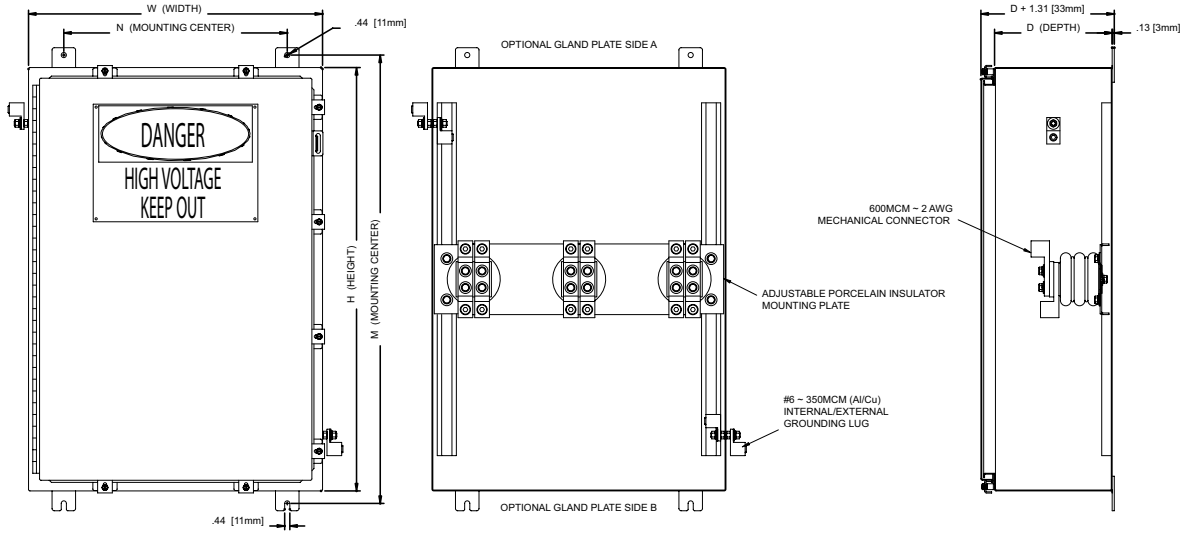
Note:
1. For stainless steel 304 assemblies substitute HV4X6- prefix with HV4X-prefix.
2. Please specify working voltage, amperage and conductor size when requesting quote.
3. For conduit/cable entry spacing, wire bending and wire conversion guidelines, refer to inside back cover of this catalog.
4. Gland plate options are available on the top and bottom sides of the box.

Add the following suffixes for gland plates:
- A: Gland plate installed on TOP side of box
- B: Gland plate installed on BOTTOM side of box

For multiple gland plates omit dashes.
(i.e. HV4X6-161608-ABCD)

HV SERIES

2 X 2 CONNECTION SERIES



Catalog Number	H	W	D	M	N	VOLTAGE MAX	MAX AMPERAGE T6 RATING PHASE	MAX AMPERAGE T6 RATING EA. CONDUC.	MAX AMPERAGE T5 RATING PHASE	MAX AMPERAGE T5 RATING EA. CONDUC.
HV4X6-202008	20.00	20.00	8.00	21.25	14.00	5kV	500	250	500	250
HV4X6-242008	24.00	20.00	8.00	25.25	14.00	5kV	630	315	630	315
HV4X6-242408	24.00	24.00	8.00	25.25	18.00	5kV	630	315	630	315
HV4X6-202010	20.00	20.00	10.00	21.25	14.00	7.5kV	500	250	500	250
HV4X6-242010	20.00	20.00	10.00	25.25	14.00	7.5kV	630	315	630	315
HV4X6-302010	30.00	20.00	10.00	31.25	14.00	7.5kV	650	325	800	400
HV4X6-302010	30.00	20.00	10.00	31.25	14.00	7.5kV	650	325	800	400
HV4X6-242410	24.00	24.00	10.00	25.25	18.00	7.5kV	630	315	630	315
HV4X6-302410	30.00	24.00	10.00	31.25	18.00	7.5kV	650	325	800	400
HV4X6-362410	36.00	24.00	10.00	37.25	18.00	7.5kV	650	325	800	400
HV4X6-362510	36.00	25.00	10.00	37.25	19.00	7.5kV	650	325	1,000	500
HV4X6-603610	60.00	36.00	10.00	61.25	30.00	7.5kV	650	325	1,000	500

MIN CONDUCTOR SIZE mm²	MIN CONDUCTOR SIZE AWG/MCM	AMPERAGE MAX
10	8	50
16	6	63
25	4	80
35	2	100
50	1/0	125
70	2/0	160
95	3/0	200
120	4/0	225
150	250	250
185	350	315
240	400	400
300	500	500

Note:

1. For stainless steel 304 assemblies substitute HV4X6- prefix with HV4X-prefix.
2. Please specify working voltage, amperage and conductor size when requesting quote.
3. For conduit/cable entry spacing, wire bending and wire conversion guidelines, refer to inside back cover of this catalog.
4. Gland plate options are available on the top and bottom sides of the box.

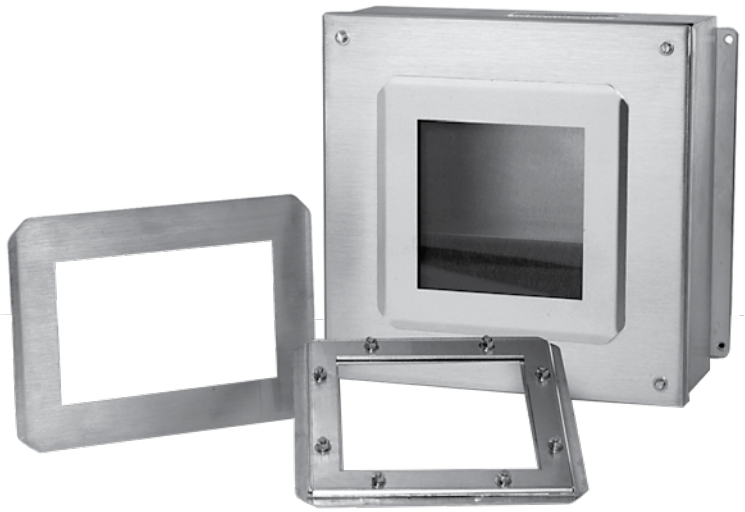
Add the following suffixes for gland plates:

- A: Gland plate installed on TOP side of box
- B: Gland plate installed on BOTTOM side of box

For multiple gland plates omit dashes.
(i.e. HV4X6-161608-ABCD)

ACCESSORIES

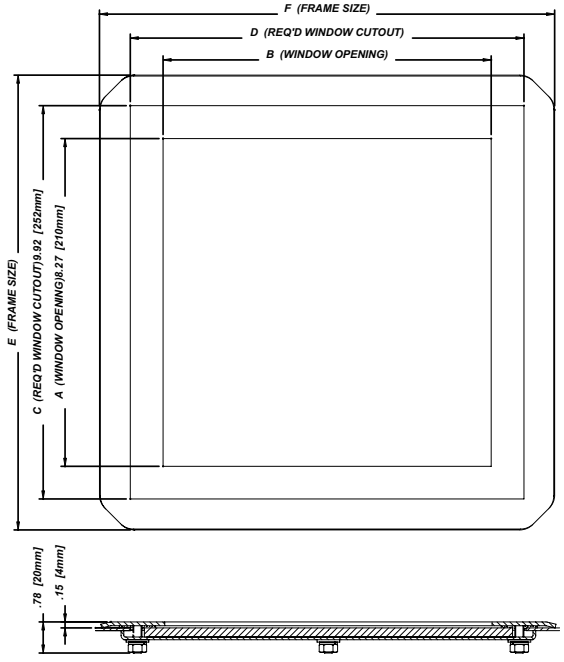
WINDOW KITS



Certifications

II 2D II 2EEx e II
Ex e II
Class I, Zone 1, AEx e II
Class II, Division 2
IP66
Type 4, 4X, 12, & 13
ATEX Directive 94/9/EC
IECEx Certificate
CSA E60079-7, IEC 60079-7
UL 60079-7
UL 1604
IEC 60529
UL50

EWK WINDOW KITS						
SS 316L Catalog Number	VIEWING AREA		CUTOUT		FRAME SIZE	
	A	B	C	D	E	F
EWK-0303SS6	3.00	3.00	4.81	4.81	6.50	6.50
EWK-0503SS6	5.00	3.00	6.81	4.81	8.50	6.50
EWK-0505SS6	5.00	5.00	6.81	6.81	8.50	8.50
EWK-0703SS6	7.00	3.00	8.81	4.81	10.50	6.50
EWK-0707SS6	7.00	7.00	8.81	8.81	10.50	10.50
EWK-0905SS6	9.00	5.50	10.81	7.31	12.50	9.00
EWK-0909SS6	9.00	9.00	10.81	10.81	12.50	12.50
EWK-1111SS6	11.00	11.00	12.81	12.81	14.50	14.50
EWK-1303SS6	13.00	3.00	14.81	3.81	16.50	6.50
EWK-1308SS6	13.00	8.00	14.81	9.81	16.50	11.50
EWK-1313SS6	13.00	13.00	14.81	14.81	16.50	16.50
EWK-1515SS6	15.00	15.00	16.81	16.81	18.50	18.50
EWK-1705SS6	17.00	5.50	18.81	7.31	20.50	9.00
EWK-1711SS6	17.00	11.00	18.81	12.81	20.50	14.50
EWK-1717SS6	17.00	17.00	18.81	18.81	20.50	20.50
EWK-2315SS6	23.00	15.00	24.81	16.81	26.50	18.50
EWK-2424SS6	24.00	24.00	25.81	24.81	27.50	27.50



ACCESSORIES

INNER PANELS

TSC SERIES - 14 Ga. (.075) Steel, White Polyester Powder Coat Finish		
Catalog Number	For Enclosure	Panel Size (H x W)
05P05	5 x 5	3 7/8 x 3 7/8
06P04	6 x 4	4 7/8 x 2 7/8
06P06	6 x 6	4 7/8 x 4 7/8
07P07	7 x 7	5 7/8 x 5 7/8
08P06	8 x 6	6 7/8 x 4 7/8
08P08	8 x 8	6 7/8 x 6 7/8
10P08	10 x 8	8 7/8 x 6 7/8
10P10	10 x 10	8 7/8 x 8 7/8
12P06	12 x 6	10 7/8 x 4 7/8
12P08	12 X 8	10 7/8 x 6 7/8
12P10	12 x 10	10 7/8 x 8 7/8
12P12	12 x 12	10 7/8 x 10 7/8
14P08	14 x 8	12 7/8 x 6 7/8
14P12	14 x 12	12 7/8 x 10 7/8
15P15	15 x 15	13 7/8 x 13 7/8
16P12	16 x 12	14 7/8 x 10 7/8
16P14	16 x 14	14 7/8 x 12 7/8
16P16	16 x 16	14 7/8 x 14 7/8

Note:
1. For stainless steel 316L mounting panels add suffix -SS6 to catalog number.
2. Custom sizes and panels fabricated from stainless steel, painted carbon steel and aluminum are available. Consult factory.

TN and CN SERIES - 12 Ga. (.1046) Steel, White Polyester Powder Coat Finish		
Catalog Number	For Enclosure	Panel Size (H x W)
V-1212	12 x 12	9 x 9
V-1612	16 x 12	13 x 9
V-1616	16 x 16	13 x 13
V-2012	20 x 12	17 x 19
V-2016	20 x 16 (16 x 20)	17 x 13
V-2020	20 x 20	17 x 17
V-2412	24 x 12 (12 x 24)	21 x 9
V-2416	24 x 16	21 x 13
V-2420	24 x 20 (20 x 24)	21 x 17
V-2424	24 x 24	21 x 21
V-3016	30 x 16	27 x 13
V-3020	30 x 20	27 x 17
V-3024	30 x 24 (24 x 30)	27 x 21
V-3030	30 x 30	27 x 27
V-3624	36 x 24	33 x 21
V-3630	36 x 30 (30 x 36)	33 x 27
V-3636	36 x 36	33 x 33
V-4224	42 x 24	35 x 21
V-4230	42 x 30	39 x 27
V-4236	42 x 36	39 x 33
V-4824	48 x 24	45 x 21
V-4830	48 x 30	42 x 27
V-4836	48 x 36	45 x 33
V-6036	60 x 36	57 x 33