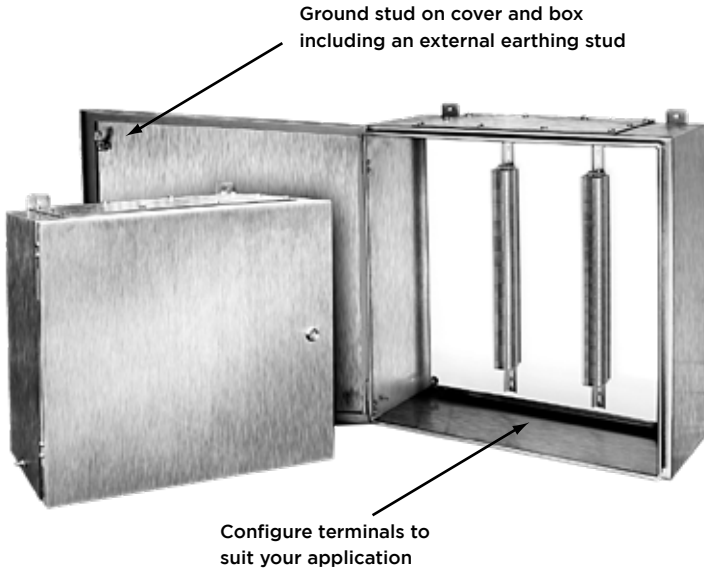


VC / VH SERIES

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
 - 8mm Triangle
 - 7mm Square
 - 8mm Square
 - 5mm Double Bit
 - Bellcore 216
 - Railway standard

VH SERIES

PRODUCT INFORMATION

Material

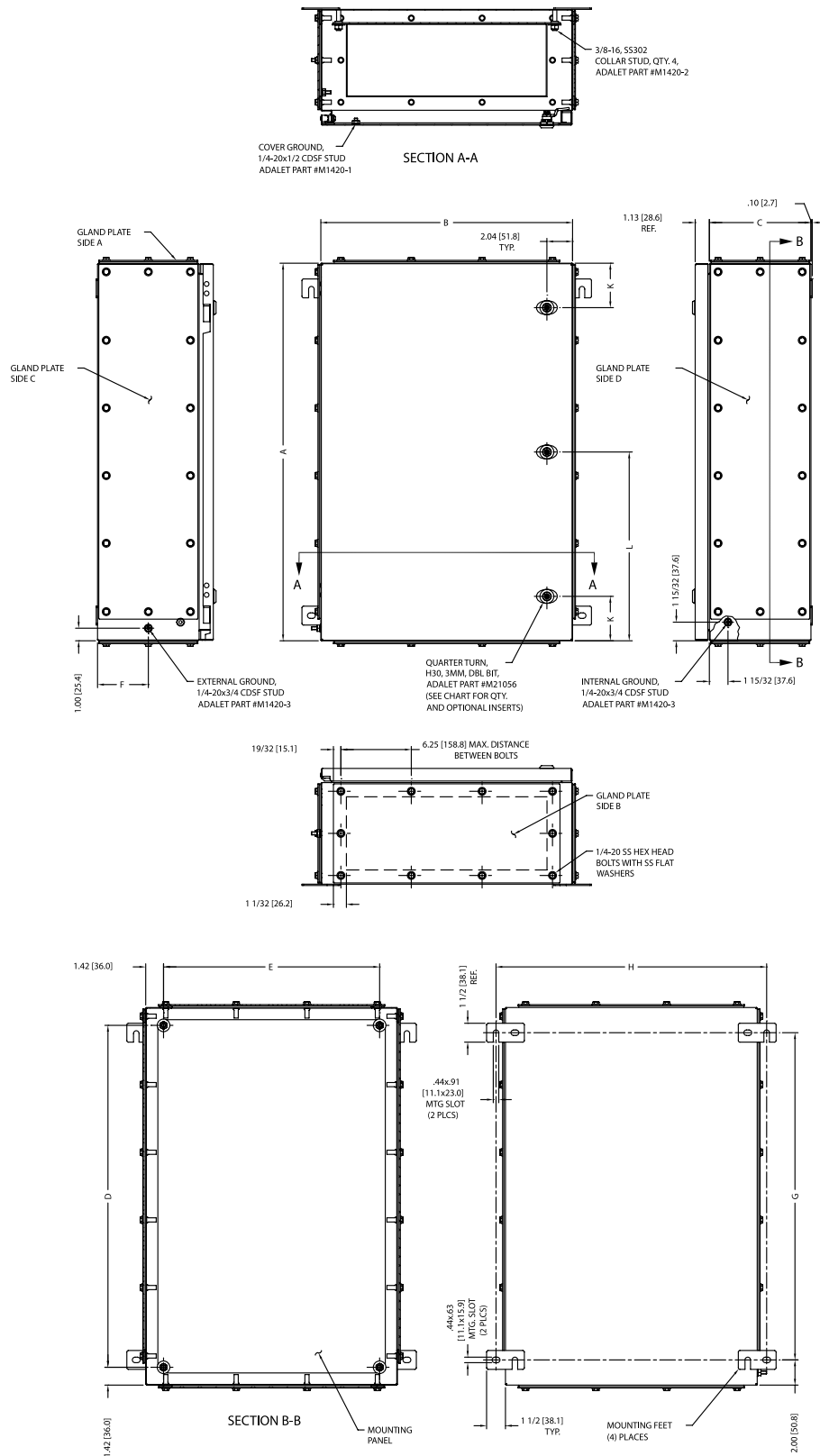
- Enclosure & cover constructed of 14 ga. (.075) 316L stainless steel with #3/4 brush finish
- Optional gland plate constructed of 12 ga. (.1054) 316L stainless steel with #3/4 brush finish
- Cover gasket: 1/4" thick Bisco silicone with acrylic PSA, Part #HT805A
- Gland plate gasket: 1/8" thick Bisco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

VC / VH SERIES

VH4X6 SERIES



VC / VH SERIES

VH4X6 SERIES

STAINLESS STEEL 316L												
INCHES	Catalog Number	Enclosure Dimensions			Collar Stud Spacing		Grd. Stud Locations	Mounting Feet Spacing		# Quarter Turns	Quarter Turn Locations	
	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

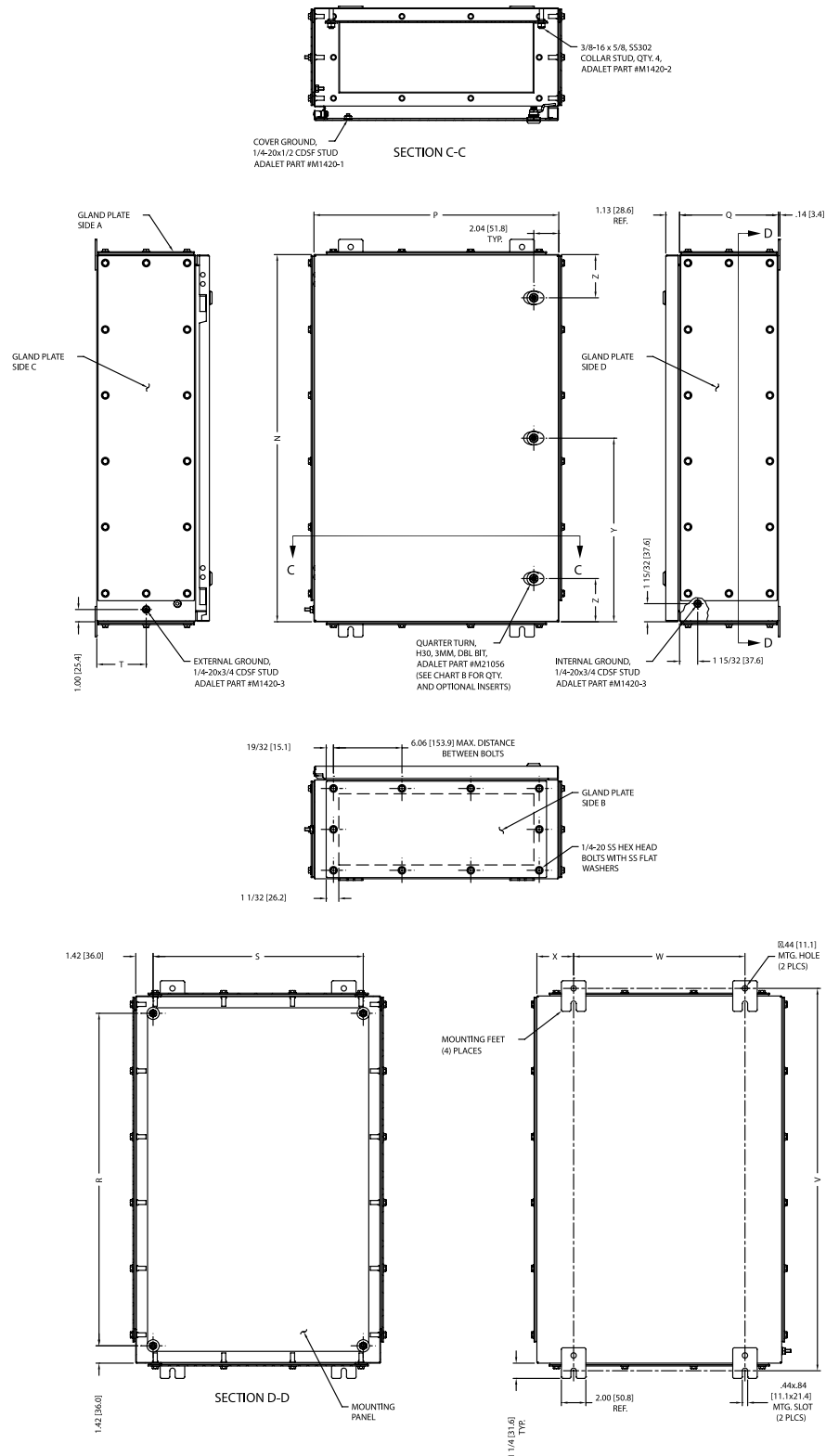
Note: Optional Gland Plate Suffixes

- 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.

VC / VH SERIES

VC4X6 SERIES - VERTICAL MOUNT



INCREASED SAFETY TERMINAL ENCLOSURES

VC / VH SERIES

VC4X6 SERIES - VERTICAL MOUNT

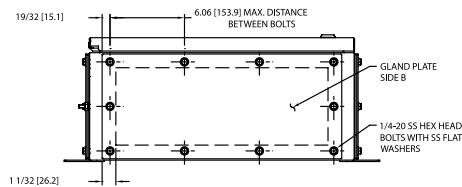
STAINLESS STEEL 316L													
	Enclosure Dimensions			Collar Stud Spacing		Grd. Stud Locations	Mounting Feet Spacing			# Quarter Turns	Quarter Turn Locations		
	Catalog Number	N	P	Q	R	S	T	V	W	X	-	Y	Z
INCHES	VC4X6-090605V	9.00	6.00	5.00	6.17	3.17	2.50	10.24	3.50	1.25	1	4.50	-
	VC4X6-120806V	12.00	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.

VC / VH SERIES



VC / VH SERIES

VC4X6 SERIES - HORIZONTAL MOUNT

STAINLESS STEEL 316L												
Catalog Number	Enclosure Dimensions			Collar Stud Spacing		Grd. Stud Locations	Mounting Feet Spacing			# Quarter Turns	Quarter Turn Locations	
	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

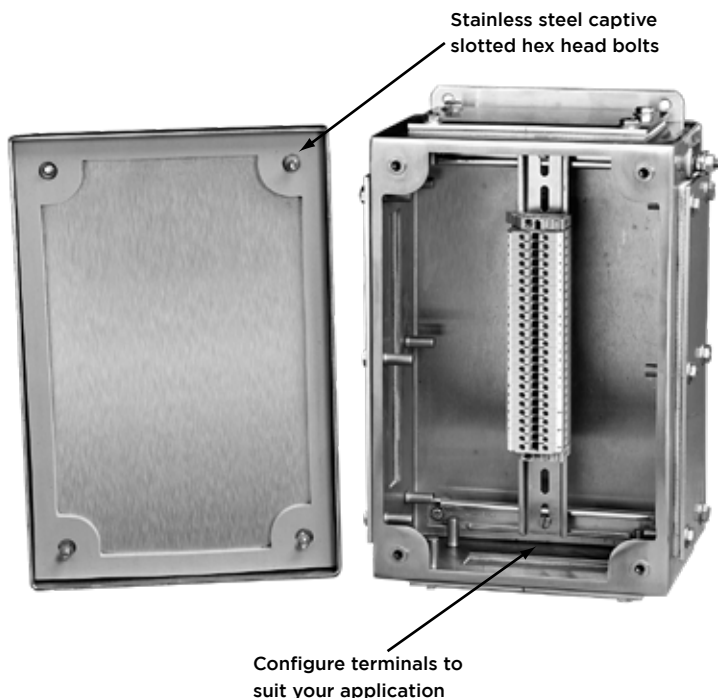
Note: Optional Gland Plate Suffixes

- 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

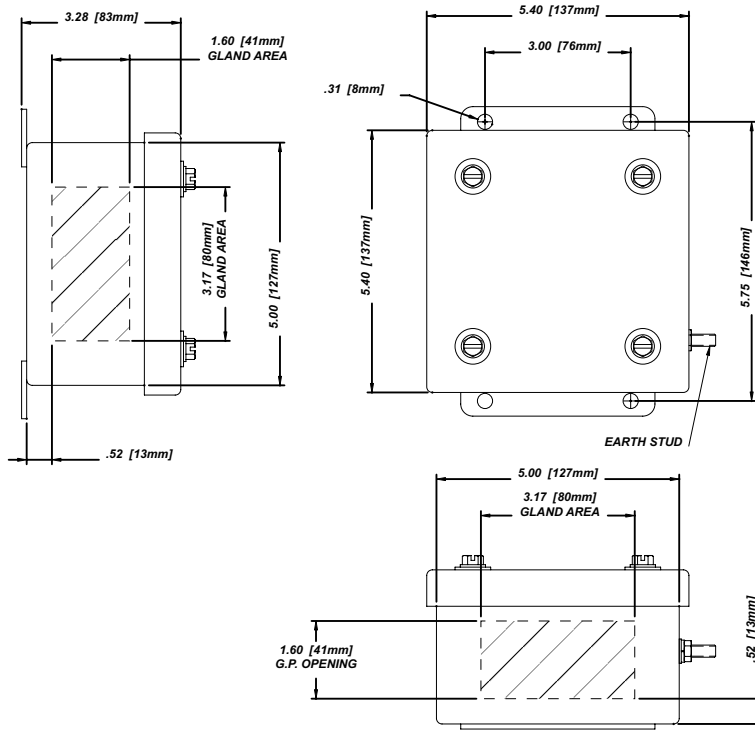
TSC SERIES

Catalog Number	2.5mm ²		4mm ²		6mm ²		10mm ²		16mm ²		35mm ²	
	# 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	
	2.5mm ²	(14 AWG)
10 AMPS	2.5mm ²	(14 AWG)
10 AMPS	4mm ²	(12 AWG)
20 AMPS	6mm ²	(10 AWG)
25 AMPS	10mm ²	(8 AWG)
35 AMPS	16mm ²	(6 AWG)
63 AMPS	35mm ²	(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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 6 →			x	x	x	x	x	x	x	x
	2.5mm ²	← 6 →					x	x	x	x	x	x
	4mm ²	← 6 →						x	x	x	x	x
	6mm ²	← 5 →							x	x	x	x
	10mm ²	x	x	x	x	x	x	x	x	x	x	x
	16mm ²	x	x	x	x	x	x	x	x	x	x	x
	35mm ²	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.

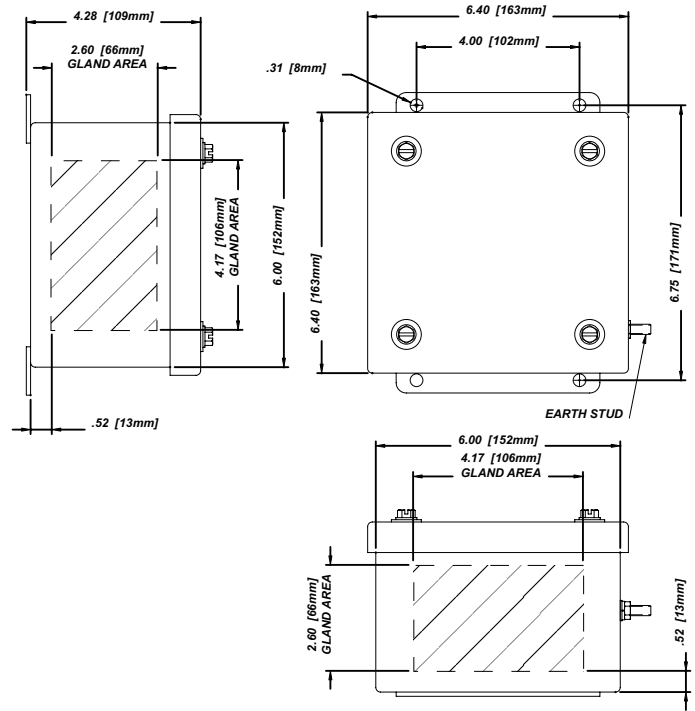
TSC SERIES

6" X 6" X 4" SCREW COVER

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304		STAINLESS STEEL 316L	
Catalog Number	Gland Plate	Catalog Number	Gland Plate
TSC4X-060604	None	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	-	-



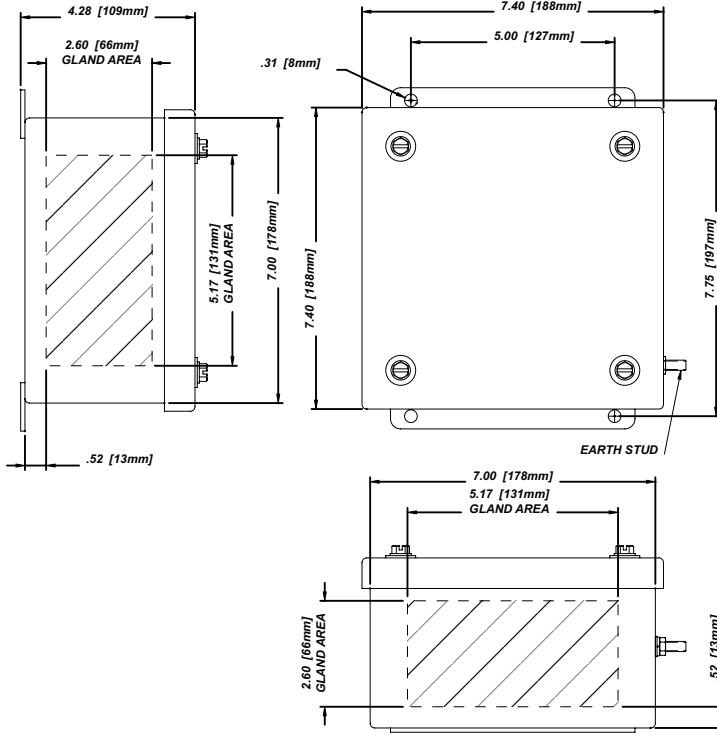
MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm ²	← 13 →			x	x	x	x	x	x	x	x
	2.5mm ²	← 13 →				9	x	x	x	x	x	x
	4mm ²	← 13 →					10	x	x	x	x	x
	6mm ²	← 8 →							x	x	x	x
	10mm ²	x	x	x	x	x	x	x	x	x	x	x
	16mm ²	x	x	x	x	x	x	x	x	x	x	x
	35mm ²	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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 18 →			x	x	x	x	x	x	x	x
	2.5mm ²	← 18 →				10	x	x	x	x	x	x
	4mm ²	← 18 →					11	x	x	x	x	x
	6mm ²	← 11 →						8	x	x	x	x
	10mm ²	← 9 →							7	x	x	x
	16mm ²	x	x	x	x	x	x	x	x	x	x	x
	35mm ²	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.

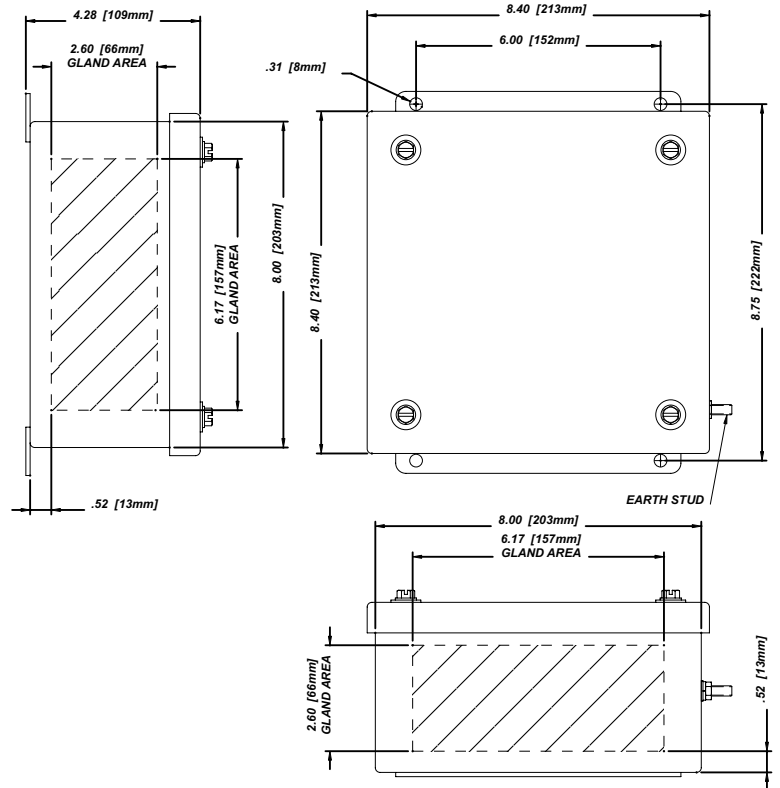
TSC SERIES

8" X 8" X 4" SCREW COVER

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304		STAINLESS STEEL 316L	
Catalog Number	Gland Plate	Catalog Number	Gland Plate
TSC4X-080804	None	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	-	-



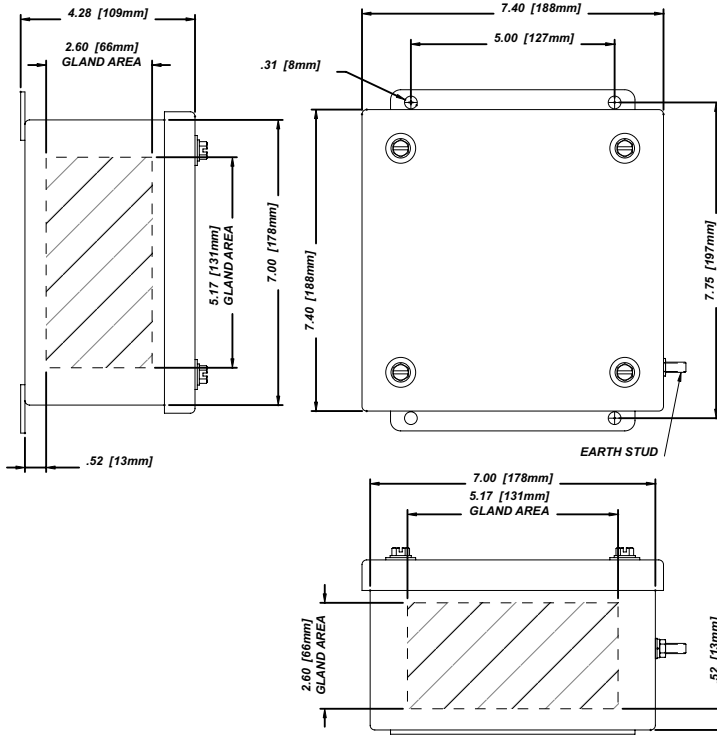
MAXIMUM TERMINAL BLOCK CONTENT										
MIN CONDUCTOR SIZE	.5mm ²	1.5mm ²	2.5mm ²	4mm ²	6mm ²	10mm ²	16mm ²	35mm ²		
MIN CONDUCTOR SIZE AWG	22	16	14	12	10	8	6	2		
MAXIMUM AMPERAGE	3	8	10	16	20	25	35	50	63	80
Terminal Block Size	1.5mm ²	← 23 →		x	x	x	x	x	x	x
	2.5mm ²	← 23 →			19	11	x	x	x	x
	4mm ²	← 23 →			21	12	x	x	x	x
	6mm ²	← 14 →					9	x	x	x
	10mm ²	← 11 →						7	x	x
	16mm ²	x	x	x	x	x	x	x	x	x
	35mm ²	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		.5mm ²		1.5mm ²		2.5mm ²		4mm ²		6mm ²		10mm ²		16mm ²		35mm ²							
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	1.5mm ²		← 18 →				x		x		x		x		x		x		x		x		
	2.5mm ²		← 18 →				10		x		x		x		x		x		x		x		
	4mm ²		← 18 →						11		x		x		x		x		x		x		
	6mm ²		← 11 →						8		x		x		x		x		x		x		
	10mm ²		← 9 →								7		x		x		x		x		x		
	16mm ²		x		x		x		x		x		x		x		x		x		x		
	35mm ²		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.

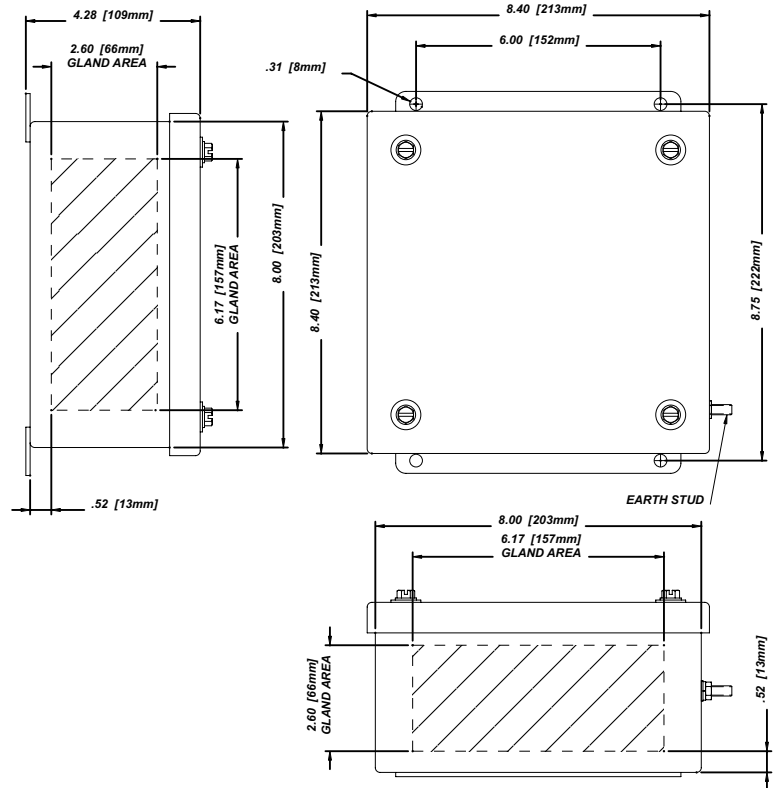
TSC SERIES

8" X 8" X 4" SCREW COVER

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304		STAINLESS STEEL 316L	
Catalog Number	Gland Plate	Catalog Number	Gland Plate
TSC4X-080804	None	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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 23 →			x	x	x	x	x	x	x	x
	2.5mm ²	← 23 →				19	11	x	x	x	x	x
	4mm ²	← 23 →				21	12	x	x	x	x	x
	6mm ²	← 14 →						9	x	x	x	x
	10mm ²	← 11 →							7	x	x	x
	16mm ²	x	x	x	x	x	x	x	x	x	x	x
	35mm ²	x	x	x	x	x	x	x	x	x	x	x

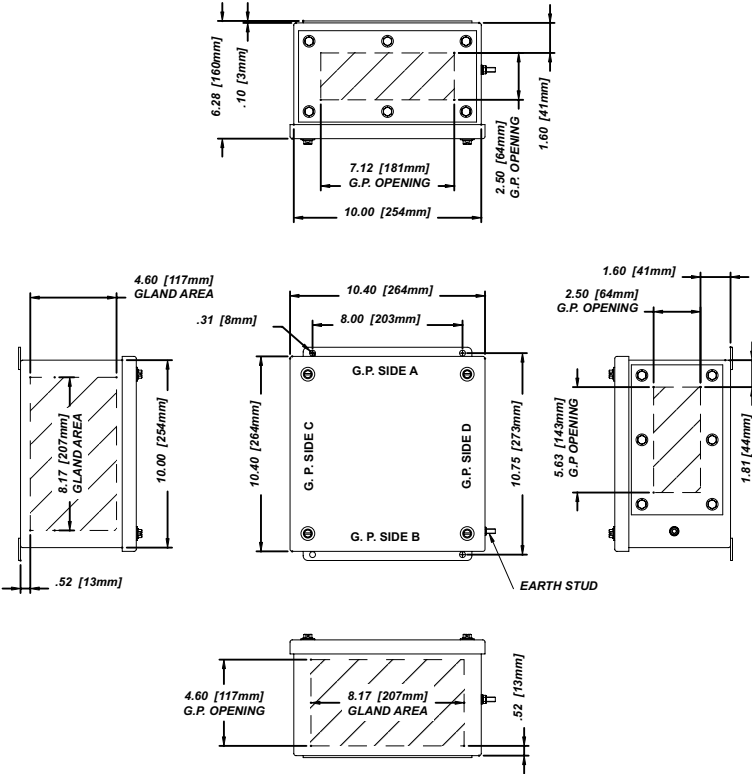
Note:

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		STAINLESS STEEL 316L	
Catalog Number	Gland Plate	Catalog Number	Gland Plate
TSC4X-101006	None	TSC4X6-101006	None
TSC4X-101006-B	Side B	TSC4X6-101006-B	Side B
TSC4X-101006-AB	Sides A & B	TSC4X6-101006-AB	Sides A & B
TSC4X-101006-BCD	Sides B, C & D	TSC4X6-101006-BCD	Sides B, C & D
TSC4X-101006-ABCD	Sides A, 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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 66 →		39	x	x	x	x	x	x	x	x
	2.5mm ²	← 66 →			26	15	x	x	x	x	x	x
	4mm ²	← 66 →				29	16	x	x	x	x	x
	6mm ²	← 42 →					32	12	x	x	x	x
	10mm ²	← 17 →						16	10	x	x	x
	16mm ²	← 14 →								12	x	x
	35mm ²	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.

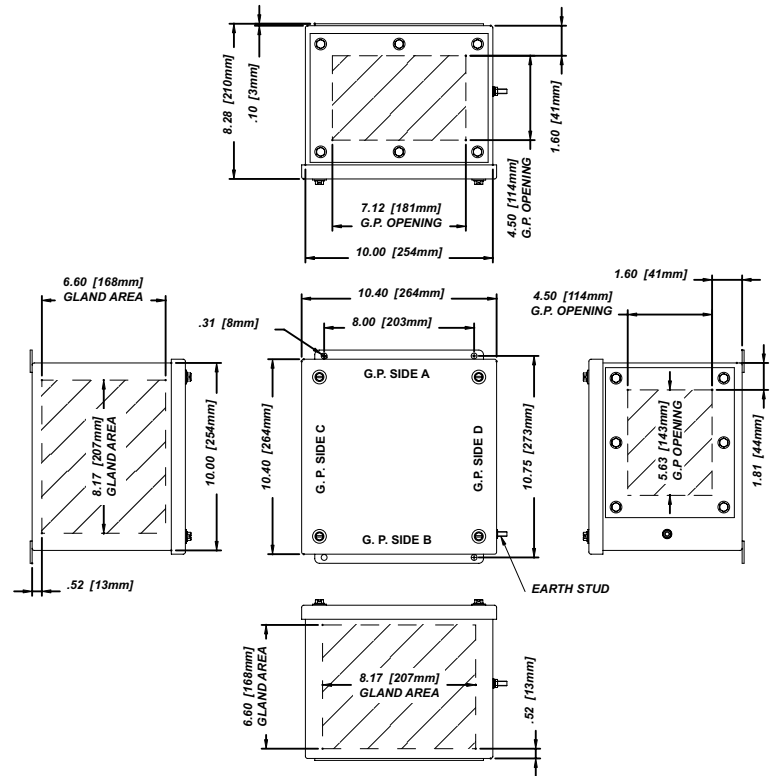
TSC SERIES

10" X 10" X 8" SCREW COVER

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304		STAINLESS STEEL 316L	
Catalog Number	Gland Plate	Catalog Number	Gland Plate
TSC4X-101008	None	TSC4X6-101008	None
TSC4X-101008-B	Side B	TSC4X6-101008-B	Side B
TSC4X-101008-AB	Side A & B	TSC4X6-101008-AB	Side A & B
TSC4X-101008-BCD	Side B, C & D	TSC4X6-101008-BCD	Side B, C & D
TSC4X-101008-ABCD	Sides A, 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



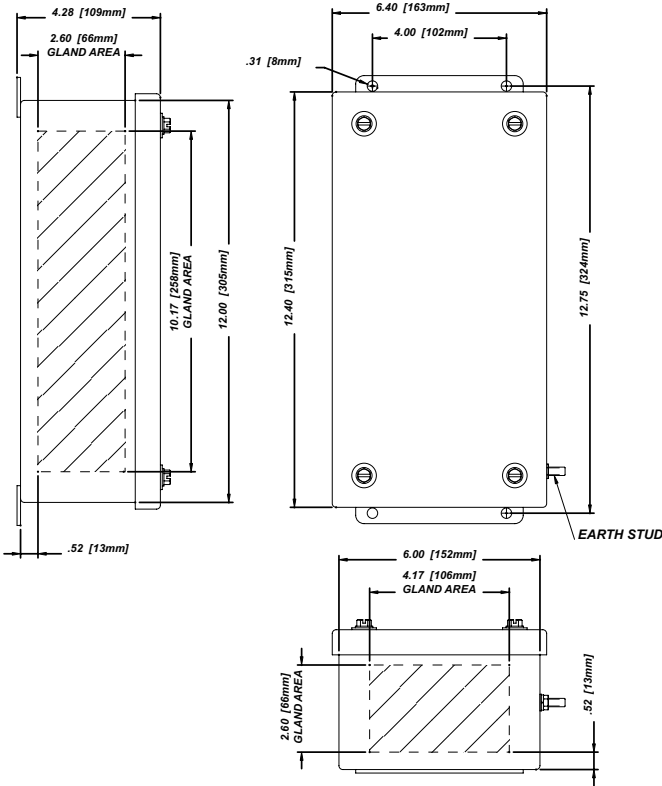
MAXIMUM TERMINAL BLOCK CONTENT													
MIN CONDUCTOR SIZE		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²		
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2		
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100	
Terminal Block Size	1.5mm ²	← 66 →			47	x	x	x	x	x	x	x	
	2.5mm ²	← 66 →				31	18	x	x	x	x	x	
	4mm ²	← 66 →					35	20	x	x	x	x	
	6mm ²	← 42 →						38	15	x	x	x	
	10mm ²	← 17 →								12	x	x	x
	16mm ²	← 14 →										x	x
	35mm ²	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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 43 →		27	x	x	x	x	x	x	x	x
	2.5mm ²	← 43 →			18	10	x	x	x	x	x	x
	4mm ²	← 43 →				20	11	x	x	x	x	x
	6mm ²	← 27 →					22	8	x	x	x	x
	10mm ²	x	x	x	x	x	x	x	x	x	x	x
	16mm ²	x	x	x	x	x	x	x	x	x	x	x
	35mm ²	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.

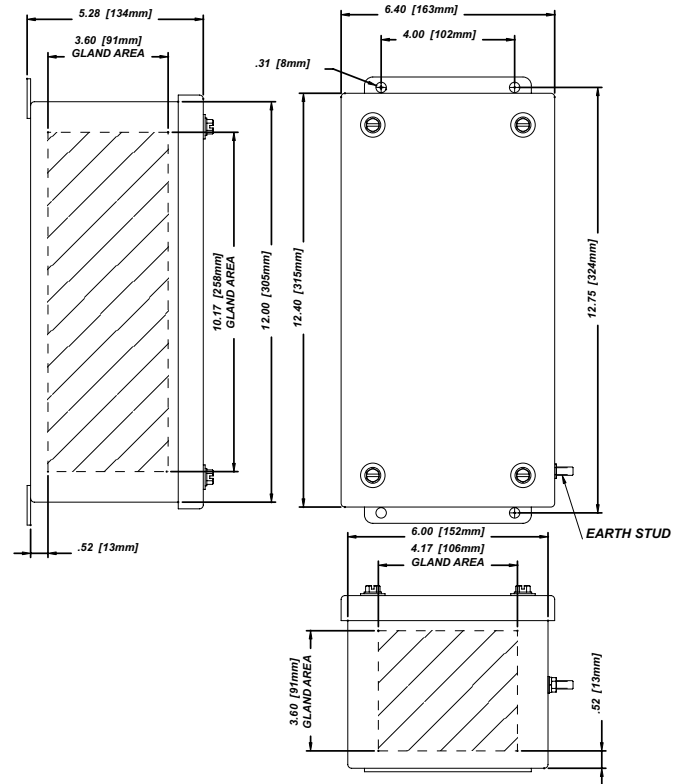
TSC SERIES

12" X 6" X 5" SCREW COVER

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304		STAINLESS STEEL 316L	
Catalog Number	Gland Plate	Catalog Number	Gland Plate
TSC4X-120605	None	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	



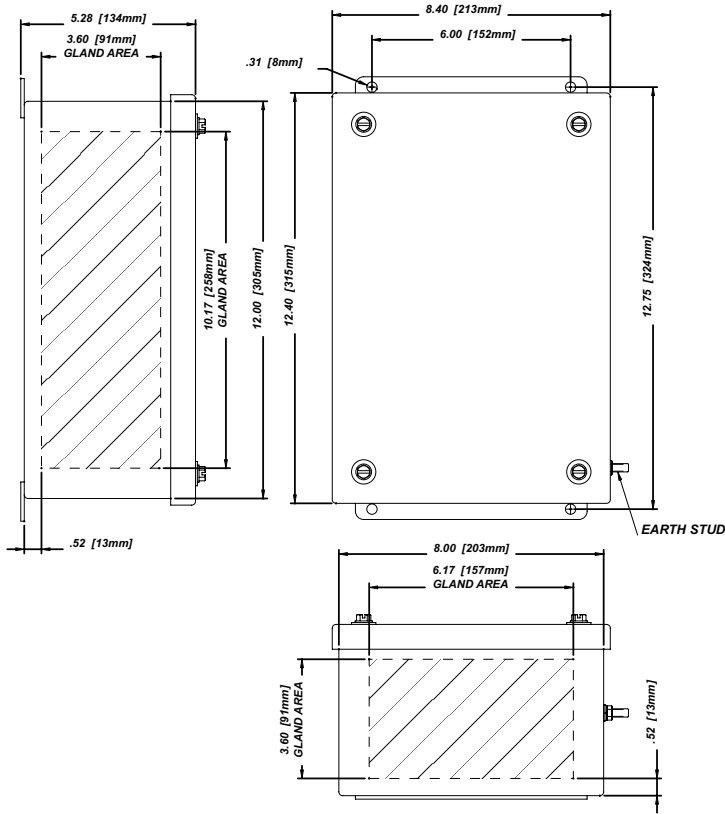
MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm ²	← 43 →		30	x	x	x	x	x	x	x	x
	2.5mm ²	← 43 →			20	12	x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

Note:

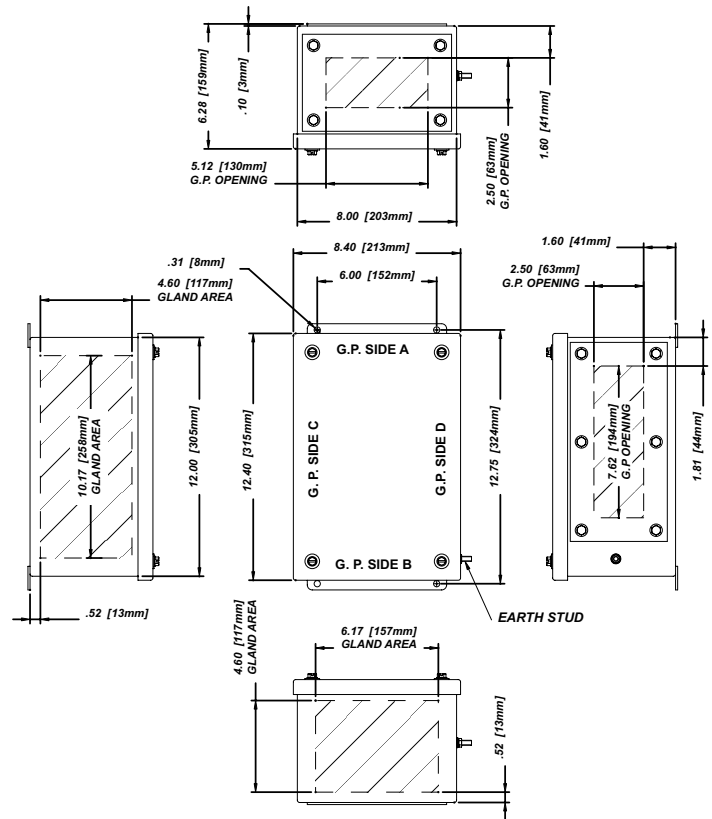
1. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
2. For applications requiring multiple terminal block configurations and ampacities, consult factory.
3. For applications requiring larger terminal blocks or custom enclosure sizes, 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		STAINLESS STEEL 316L	
Catalog Number	Gland Plate	Catalog Number	Gland Plate
TSC4X-120806	None	TSC4X6-120806	None
TSC4X-120806-B	Side B	TSC4X6-120806-B	Side B
TSC4X-120806-AB	Side A & B	TSC4X6-120806-AB	Side A & B
TSC4X-120806-BCD	Side B, C & D	TSC4X6-120806-BCD	Side B, C & D
TSC4X-120806-ABCD	Sides A, 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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 43 →		34	x	x	x	x	x	x	x	x
	2.5mm ²	← 43 →			22	13	x	x	x	x	x	x
	4mm ²	← 43 →				25	14	x	x	x	x	x
	6mm ²	← 27 →						11	x	x	x	x
	10mm ²	← 22 →							8	x	x	x
	16mm ²	x	x	x	x	x	x	x	x	x	x	x
	35mm ²	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.

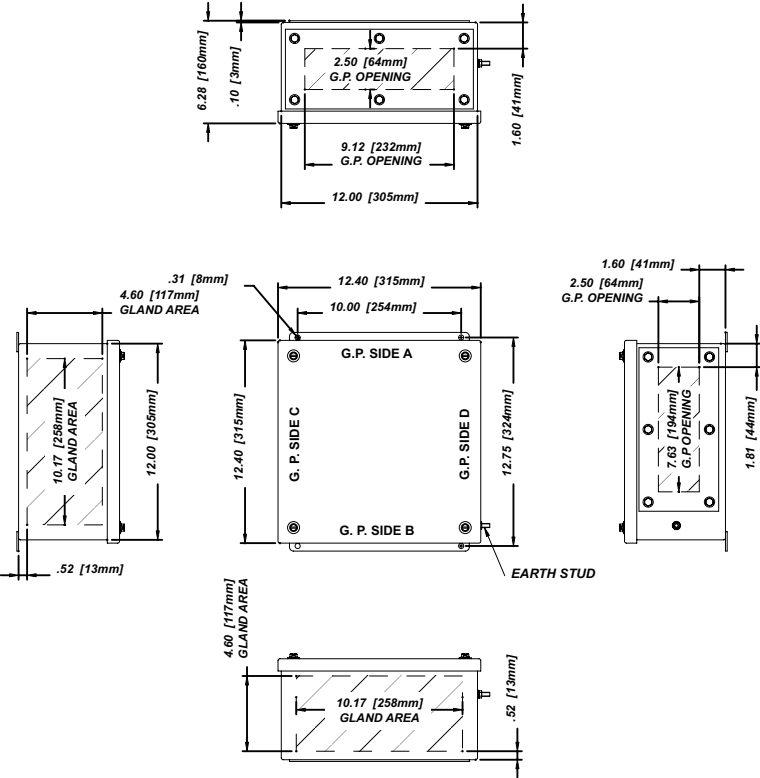
TSC SERIES

12" X 12" X 6" SCREW COVER

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304		STAINLESS STEEL 316L	
Catalog Number	Gland Plate	Catalog Number	Gland Plate
TSC4X-121206	None	TSC4X6-121206	None
TSC4X-121206-B	Side B	TSC4X6-121206-B	Side B
TSC4X-121206-AB	Side A & B	TSC4X6-121206-AB	Side A & B
TSC4X-121206-BCD	Side B, C & D	TSC4X6-121206-BCD	Side B, C & D
TSC4X-121206-ABCD	Sides A, 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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 86 →		43	x	x	x	x	x	x	x	x
	2.5mm ²	← 86 →			28	16	x	x	x	x	x	x
	4mm ²	← 86 →				32	18	x	x	x	x	x
	6mm ²	← 54 →					35	13	x	x	x	x
	10mm ²	44						34	11	x	x	x
	16mm ²	← 18 →								13	x	x
	35mm ²	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.

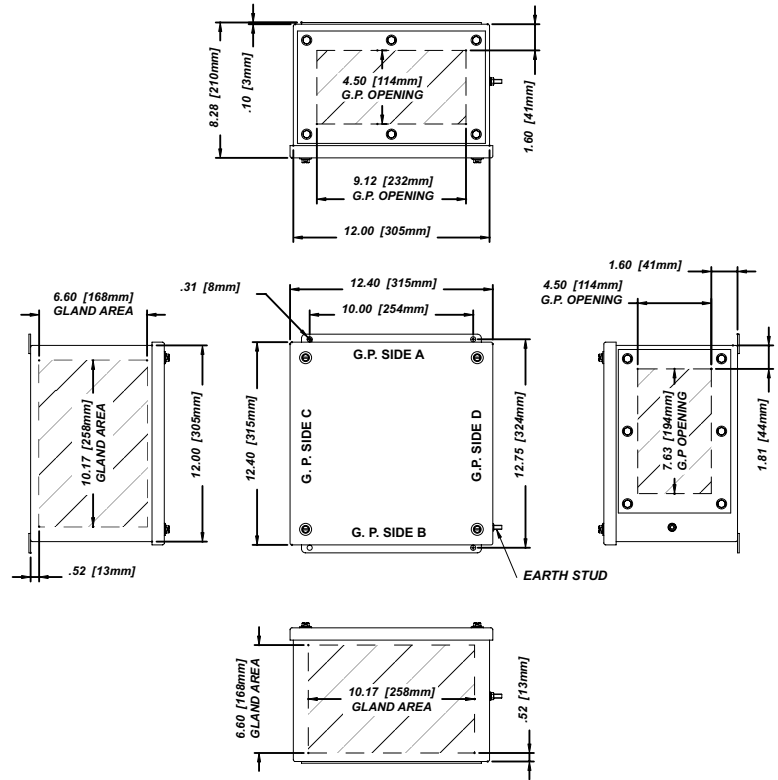
TSC SERIES

12" X 12" X 8" SCREW COVER

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304		STAINLESS STEEL 316L	
Catalog Number	Gland Plate	Catalog Number	Gland Plate
TSC4X-121208	None	TSC4X6-121208	None
TSC4X-121208-B	Side B	TSC4X6-121208-B	Side B
TSC4X-121208-AB	Side A & B	TSC4X6-121208-AB	Side A & B
TSC4X-121208-BCD	Side B, C & D	TSC4X6-121208-BCD	Side B, C & D
TSC4X-121208-ABCD	Sides A, 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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 86 →		50	x	x	x	x	x	x	x	x
	2.5mm ²	← 86 →			33	19	x	x	x	x	x	x
	4mm ²	← 86 →				38	21	x	x	x	x	x
	6mm ²	← 54 →					41	16	x	x	x	x
	10mm ²	← 44 →						40	13	x	x	x
	16mm ²	← 18 →								15	x	x
	35mm ²	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.

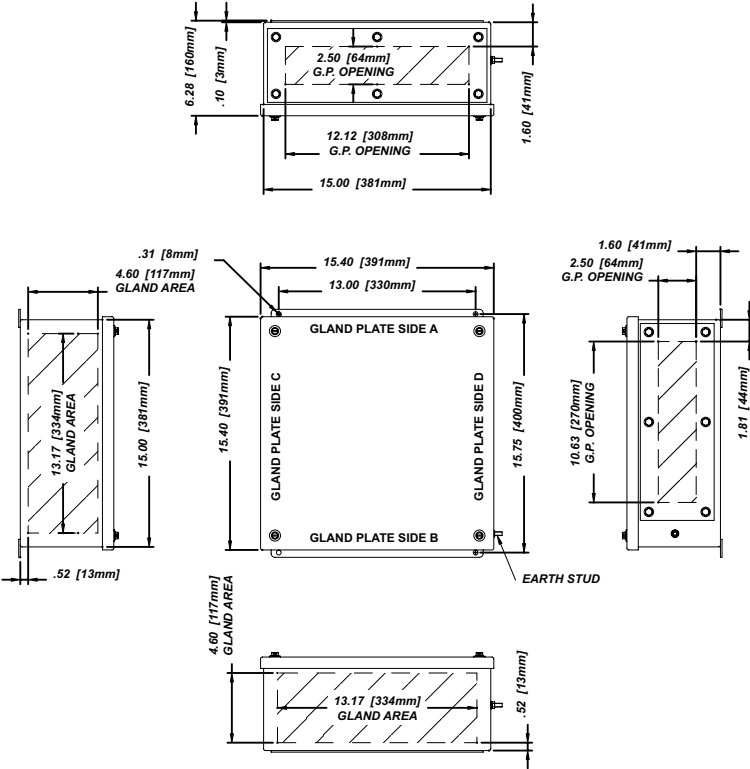
TSC SERIES

15" X 15" X 6" SCREW COVER

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304		STAINLESS STEEL 316L	
Catalog Number	Gland Plate	Catalog Number	Gland Plate
TSC4X-151506	None	TSC4X6-151506	None
TSC4X-151506-B	Side B	TSC4X6-151506-B	Side B
TSC4X-151506-AB	Side A & B	TSC4X6-151506-AB	Side A & B
TSC4X-151506-BCD	Side B, C & D	TSC4X6-151506-BCD	Side B, C & D
TSC4X-151506-ABCD	Sides A, 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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 100 →		48	x	x	x	x	x	x	x	x
	2.5mm ²	← 177 →			32	19	x	x	x	x	x	x
	4mm ²	← 177 →			126	36	20	x	x	x	x	x
	6mm ²	← 111 →					40	15	x	x	x	x
	10mm ²	← 58 →						38	12	x	x	x
	16mm ²	← 48 →							32	15	x	x
	35mm ²	← 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.

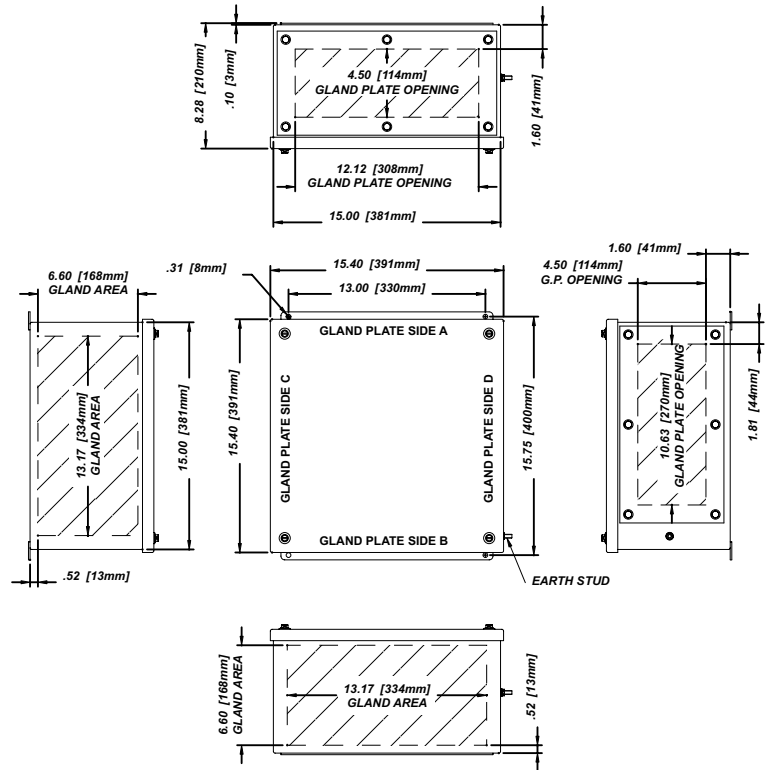
TSC SERIES

15" X 15" X 8" SCREW COVER

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304		STAINLESS STEEL 316L	
Catalog Number	Gland Plate	Catalog Number	Gland Plate
TSC4X-151508	None	TSC4X6-151508	None
TSC4X-151508-B	Side B	TSC4X6-151508-B	Side B
TSC4X-151508-AB	Side A & B	TSC4X6-151508-AB	Side A & B
TSC4X-151508-BCD	Side B, C & D	TSC4X6-151508-BCD	Side B, C & D
TSC4X-151508-ABCD	Sides A, 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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 115 →		56	x	x	x	x	x	x	x	x
	2.5mm ²	← 177 →			37	21	x	x	x	x	x	x
	4mm ²	← 177 →			144	42	23	x	x	x	x	x
	6mm ²	← 111 →					45	18	x	x	x	x
	10mm ²	← 58 →						44	14	x	x	x
	16mm ²	← 48 →							37	17	x	x
	35mm ²	← 18 →										

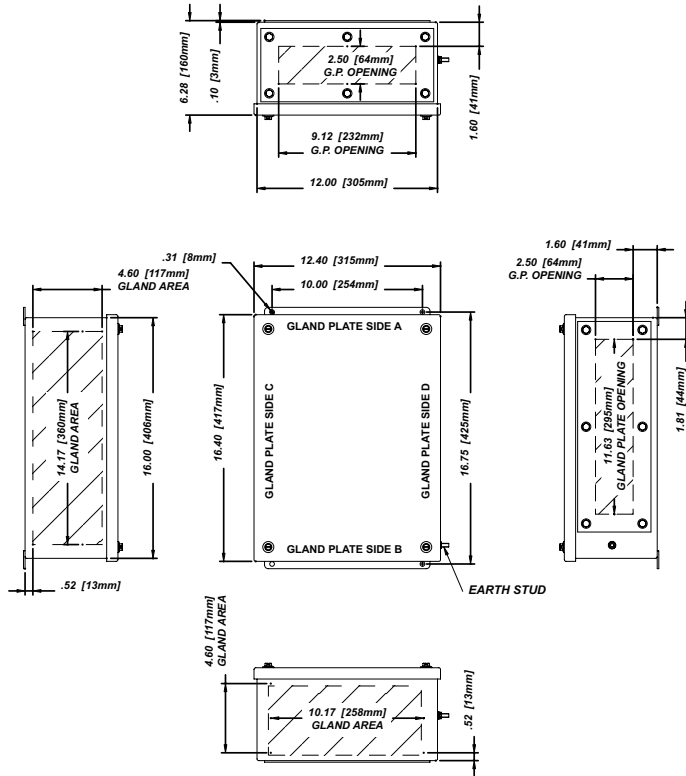
Note:

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		STAINLESS STEEL 316L	
Catalog Number	Gland Plate	Catalog Number	Gland Plate
TSC4X-161206	None	TSC4X6-161206	None
TSC4X-161206-B	Side B	TSC4X6-161206-B	Side B
TSC4X-161206-AB	Side A & B	TSC4X6-161206-AB	Side A & B
TSC4X-161206-BCD	Side B, C & D	TSC4X6-161206-BCD	Side B, C & D
TSC4X-161206-ABCD	Sides A, 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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 94 →		46	x	x	x	x	x	x	x	x
	2.5mm ²	← 128 →			30	17	x	x	x	x	x	x
	4mm ²	← 128 →			118	34	19	x	x	x	x	x
	6mm ²	← 80 →					37	14	x	x	x	x
	10mm ²	← 64 →						36	12	x	x	x
	16mm ²	← 26 →								14	x	x
	35mm ²	x	x	x	x	x	x	x	x	x	x	x

Note:

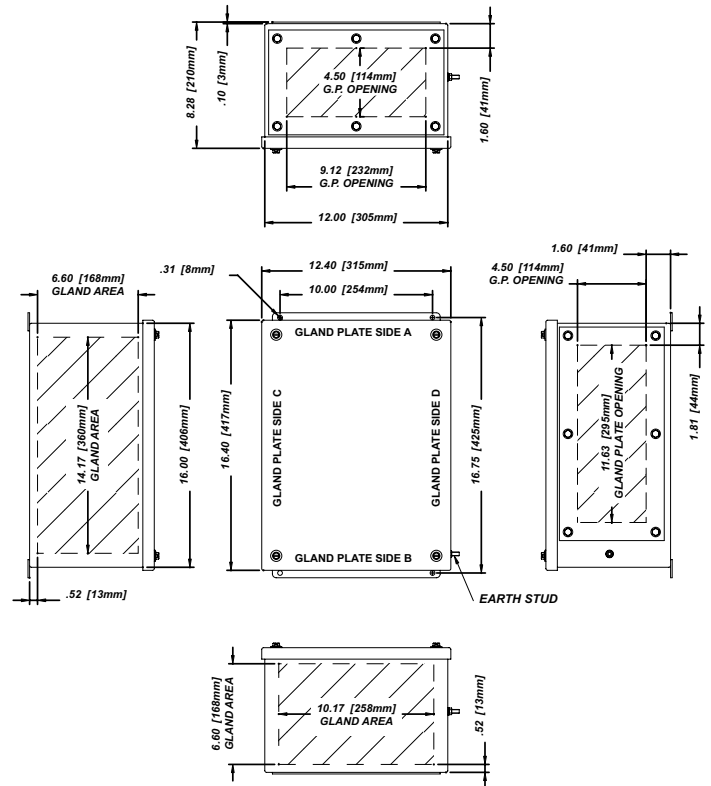
1. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
2. For applications requiring multiple terminal block configurations and ampacities, consult factory.
3. For applications requiring larger terminal blocks or custom enclosure sizes, 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		STAINLESS STEEL 316L	
Catalog Number	Gland Plate	Catalog Number	Gland Plate
TSC4X-161208	None	TSC4X6-161208	None
TSC4X-161208-B	Side B	TSC4X6-161208-B	Side B
TSC4X-161208-AB	Side A & B	TSC4X6-161208-AB	Side A & B
TSC4X-161208-BCD	Side B, C & D	TSC4X6-161208-BCD	Side B, C & D
TSC4X-161208-ABCD	Sides A, 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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 109 →		53	x	x	x	x	x	x	x	x
	2.5mm ²	← 128 →			35	20	x	x	x	x	x	x
	4mm ²	← 128 →				40	27	x	x	x	x	x
	6mm ²	← 80 →					43	17	x	x	x	x
	10mm ²	← 64 →						42	13	x	x	x
	16mm ²	← 26 →								18	x	x
	35mm ²	x	x	x	x	x	x	x	x	x	x	x

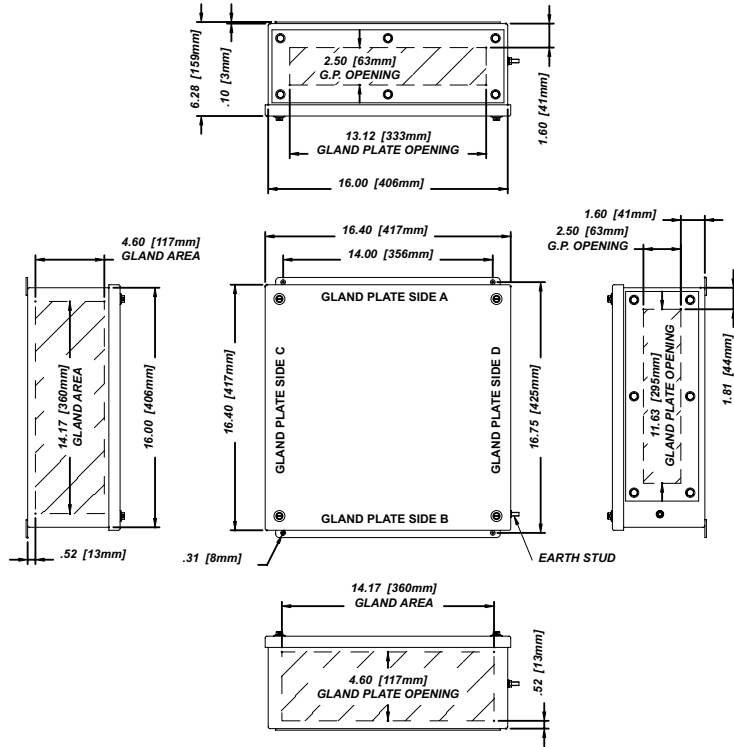
Note:

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		STAINLESS STEEL 316L	
Catalog Number	Gland Plate	Catalog Number	Gland Plate
TSC4X-161606	None	TSC4X6-161606	None
TSC4X-161606-B	Side B	TSC4X6-161606-B	Side B
TSC4X-161606-AB	Side A & B	TSC4X6-161606-AB	Side A & B
TSC4X-161606-BCD	Side B, C & D	TSC4X6-161606-BCD	Side B, C & D
TSC4X-161606-ABCD	Sides A, 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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 104 →		50	x	x	x	x	x	x	x	x
	2.5mm ²	← 192 →			33	19	x	x	x	x	x	x
	4mm ²	← 192 →			130	38	21	x	x	x	x	x
	6mm ²	← 120 →					41	16	x	x	x	x
	10mm ²	← 96 →						40	13	x	x	x
	16mm ²	← 52 →							33	15	x	x
	35mm ²	← 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.

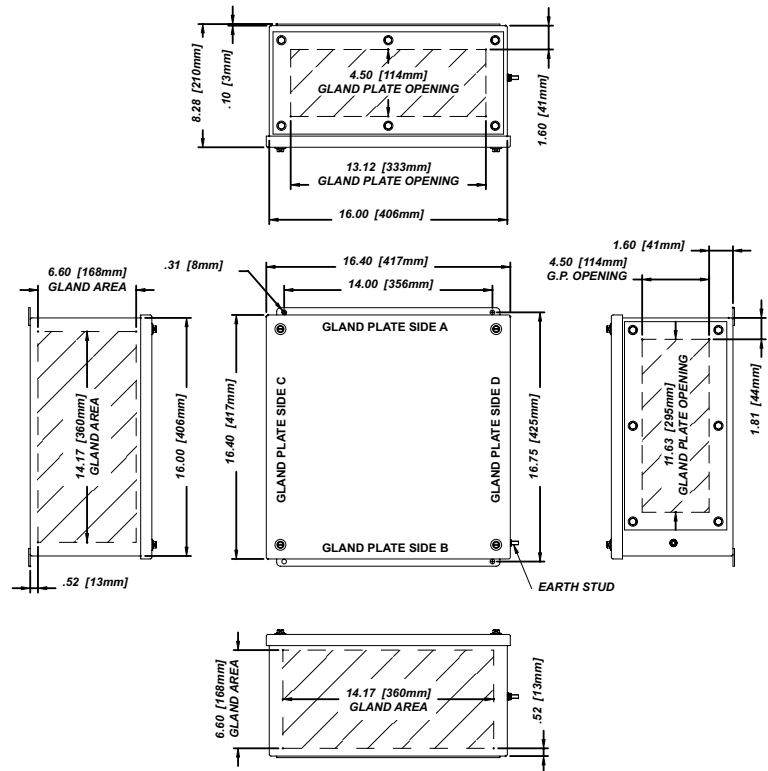
TSC SERIES

16" X 16" X 8" SCREW COVER

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 304		STAINLESS STEEL 316L	
Catalog Number	Gland Plate	Catalog Number	Gland Plate
TSC4X-161608	None	TSC4X6-161608	None
TSC4X-161608-B	Side B	TSC4X6-161608-B	Side B
TSC4X-161608-AB	Side A & B	TSC4X6-161608-AB	Side A & B
TSC4X-161608-BCD	Side B, C & D	TSC4X6-161608-BCD	Side B, C & D
TSC4X-161608-ABCD	Sides A, 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



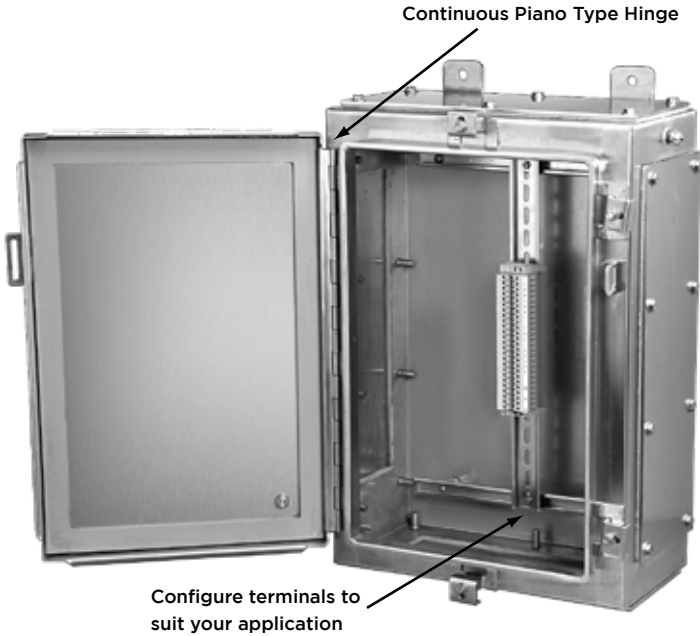
MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm ²	← 119 →		58	x	x	x	x	x	x	x	x
	2.5mm ²	← 192 →			38	22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

MAXIMUM TERMINAL BLOCK CONTENT															
Catalog Number	Depth			2.5mm ²		4mm ²		6mm ²		10mm ²		16mm ²		35mm ²	
				# 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:

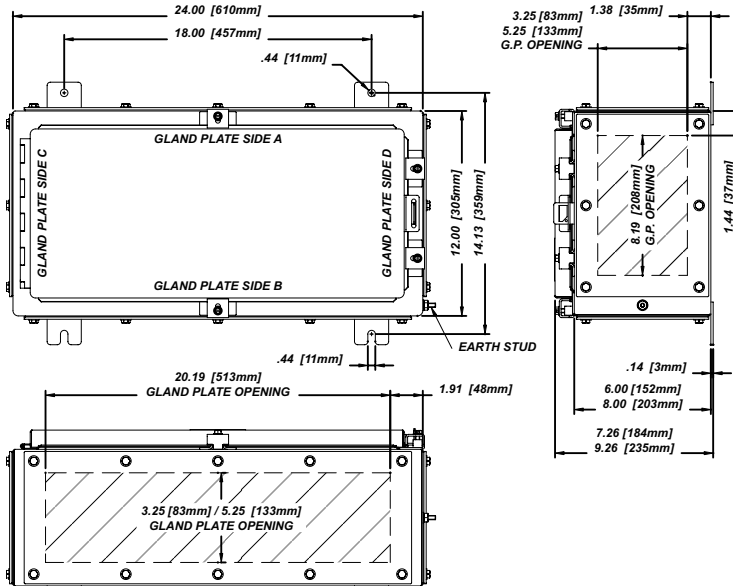
1. The TN4 Series is available either in SS316L (TN4X6) or SS304 (TN4X).
2. Refer to enclosure catalog page for dimensional information.
3. The maximum terminal block content is based on the following maximum permitted continuous current and minimum conductor size (See chart right)
4. For higher ampacities 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	2.5mm ²	(14 AWG)
10 AMPS	4mm ²	(12 AWG)
20 AMPS	6mm ²	(10 AWG)
25 AMPS	10mm ²	(8 AWG)
35 AMPS	16mm ²	(6 AWG)
63 AMPS	35mm ²	(2 AWG)

TN SERIES

12" X 24" CLAMPED DOOR

ENCLOSURES WITH TERMINALS



STAINLESS STEEL 316L			STAINLESS STEEL 316L		
6" (152.4mm) Depth	Catalog Number	Gland Plate	8" (203.2mm) Depth	Catalog Number	Gland Plate
	TN4X6-122406	None		TN4X6-122408	None
	TN4X6-122406-B	Side B		TN4X6-122408-B	Side B
	TN4X6-122406-AB	Side A & B		TN4X6-122408-AB	Side A & B
	TN4X6-122406-BCD	Side B, C & D		TN4X6-122408-BCD	Side B, C & D
	TN4X6-122406-ABCD	Sides A, 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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 99 →		48	x	x	x	x	x	x	x	x
	2.5mm ²	← 170 →			32	18	x	x	x	x	x	x
	4mm ²	← 170 →			124	26	20	x	x	x	x	x
	6mm ²	← 105 →					39	15	x	x	x	x
	10mm ²	← 85 →						38	12	x	x	x
	16mm ²	← 42 →							31	14	x	x
	35mm ²	← 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.

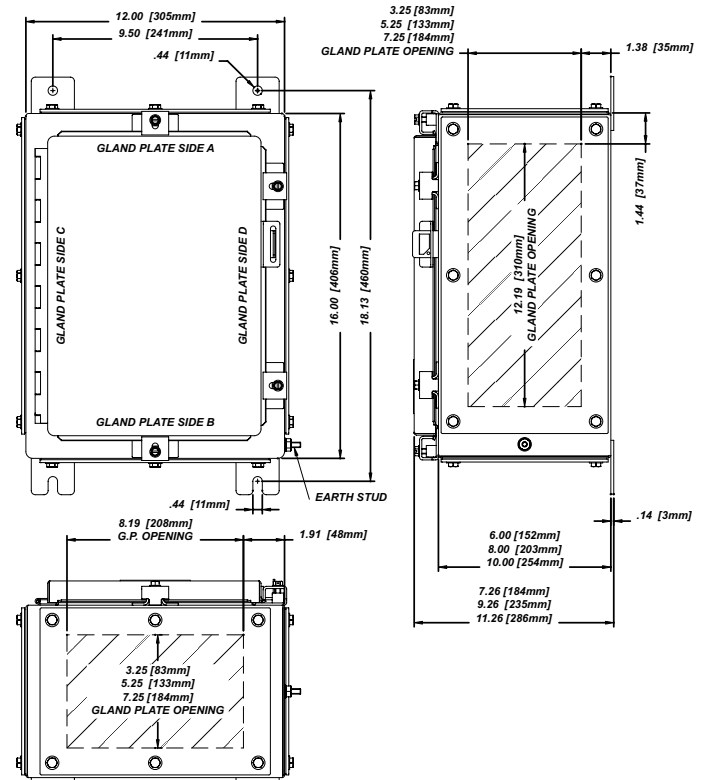
16" X 12" CLAMPED DOOR

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 316L			STAINLESS STEEL 316L		
6" (152.4mm) Depth	Catalog Number	Gland Plate	8" (203.2mm) Depth	Catalog Number	Gland Plate
	TN4X6-161206	None		TN4X6-161208	None
	TN4X6-161206-B	Side B		TN4X6-161208-B	Side B
	TN4X6-161206-AB	Side A & B		TN4X6-161208-AB	Side A & B
	TN4X6-161206-BCD	Side B, C & D		TN4X6-161208-BCD	Side B, C & D
	TN4X6-161206-ABCD	Sides A, B, C & D		TN4X6-161208-ABCD	Sides A, B, C & D

STAINLESS STEEL 316L		
10" (254.0mm) Depth	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					
NPT	Metric	Sides A & B			Sides C & D			Sides A & B			Sides C & D		
		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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 94 →		46	x	x	x	x	x	x	x	x
	2.5mm ²	← 108 →			30	17	x	x	x	x	x	x
	4mm ²	← 108 →			34	19	21	x	x	x	x	x
	6mm ²	← 68 →					37	14	x	x	x	x
	10mm ²	← 54 →						36	12	x	x	x
	16mm ²	← 22 →							30	14	x	x
	35mm ²	x	x	x	x	x	x	x	x	x	x	x

Note:

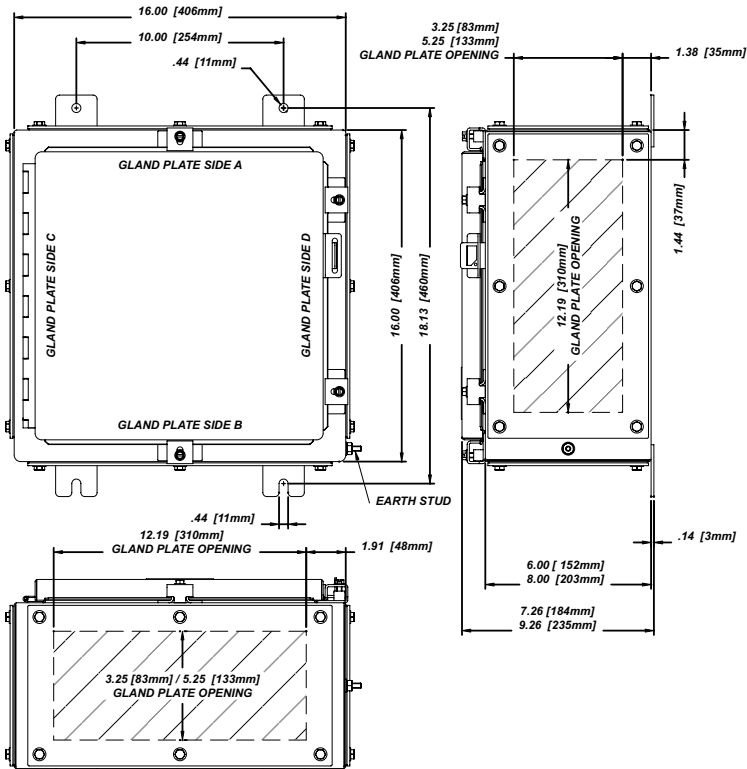
- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
- The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
- For applications requiring multiple terminal block configurations and ampacities, consult factory.

- For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
- 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



STAINLESS STEEL 316L			STAINLESS STEEL 316L		
6" (152.4mm) Depth	Catalog Number	Gland Plate	8" (203.2mm) Depth	Catalog Number	Gland Plate
	TN4X6-161606	None		TN4X6-161608	None
	TN4X6-161606-B	Side B		TN4X6-161608-B	Side B
	TN4X6-161606-AB	Side A & B		TN4X6-161608-AB	Side A & B
	TN4X6-161606-BCD	Side B, C & D		TN4X6-161608-BCD	Side B, C & D
	TN4X6-161606-ABCD	Sides A, 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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 104 →		50	x	x	x	x	x	x	x	x
	2.5mm ²	← 162 →			33	19	x	x	x	x	x	x
	4mm ²	← 162 →			130	38	21	x	x	x	x	x
	6mm ²	← 102 →					41	16	x	x	x	x
	10mm ²	← 81 →						40	13	x	x	x
	16mm ²	← 44 →							33	15	x	x
	35mm ²	← 17 →										7

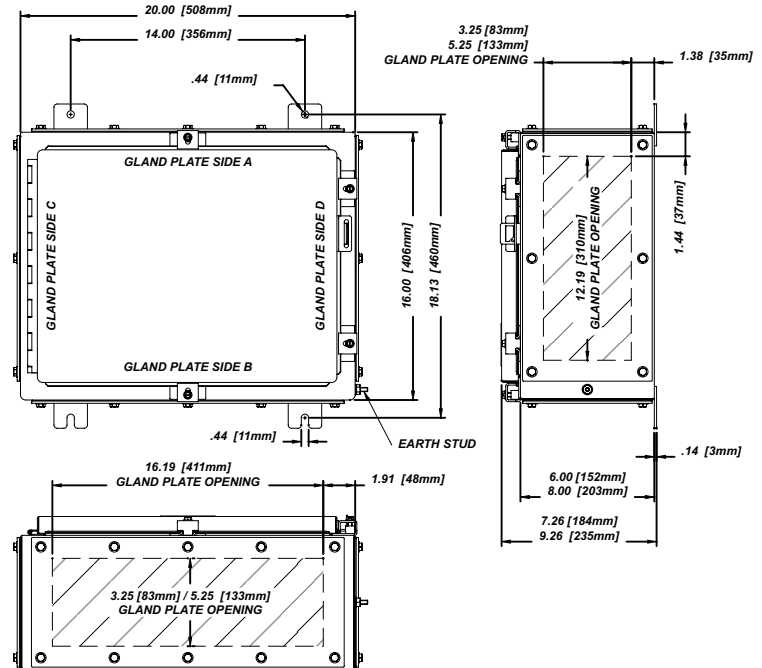
Note:

- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
- The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
- For applications requiring multiple terminal block configurations and ampacities, consult factory.
- For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
- 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

6" (152.4mm) Depth	STAINLESS STEEL 316L		8" (203.2mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate		Catalog Number	Gland Plate
	TN4X6-162006	None		TN4X6-162008	None
	TN4X6-162006-B	Side B		TN4X6-162008-B	Side B
	TN4X6-162006-AB	Side A & B		TN4X6-162008-AB	Side A & B
	TN4X6-162006-BCD	Side B, C & D		TN4X6-162008-BCD	Side B, C & D
	TN4X6-162006-ABCD	Sides A, B, C & D		TN4X6-162008-ABCD	Sides A, B, C & D



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES													
Size		Without Gland Plates						With Gland Plates					
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	-

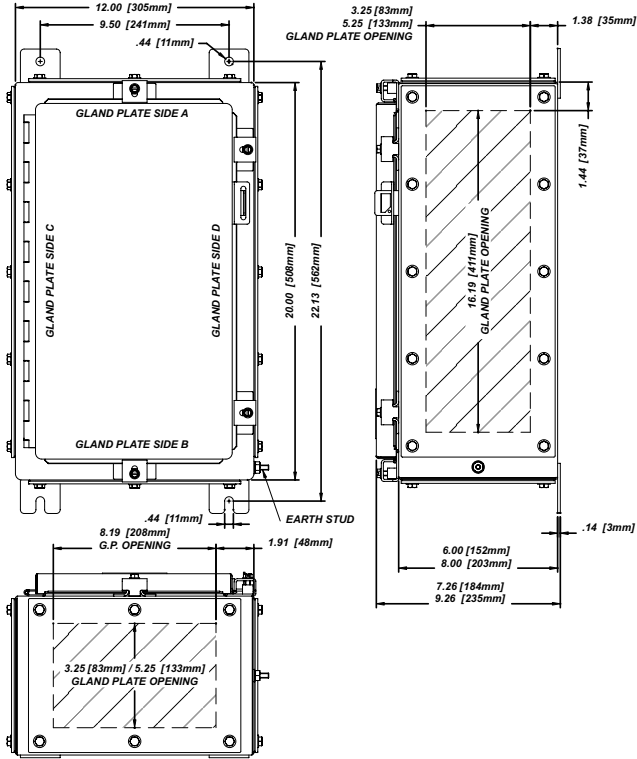
MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm ²	← 110 →		53	x	x	x	x	x	x	x	x
	2.5mm ²	← 216 →			35	20	x	x	x	x	x	x
	4mm ²	← 216 →			138	40	22	x	x	x	x	x
	6mm ²	← 136 →					43	17	x	x	x	x
	10mm ²	← 108 →						42	13	x	x	x
	16mm ²	← 66 →							35	16	x	x
	35mm ²	← 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			STAINLESS STEEL 316L		
6" (152.4mm) Depth	Catalog Number	Gland Plate	8" (203.2mm) Depth	Catalog Number	Gland Plate
	TN4X6-201206	None		TN4X6-201208	None
	TN4X6-201206-B	Side B		TN4X6-201208-B	Side B
	TN4X6-201206-AB	Side A & B		TN4X6-201208-AB	Side A & B
	TN4X6-201206-BCD	Side B, C & D		TN4X6-201208-BCD	Side B, C & D
	TN4X6-201206-ABCD	Sides A, 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	-

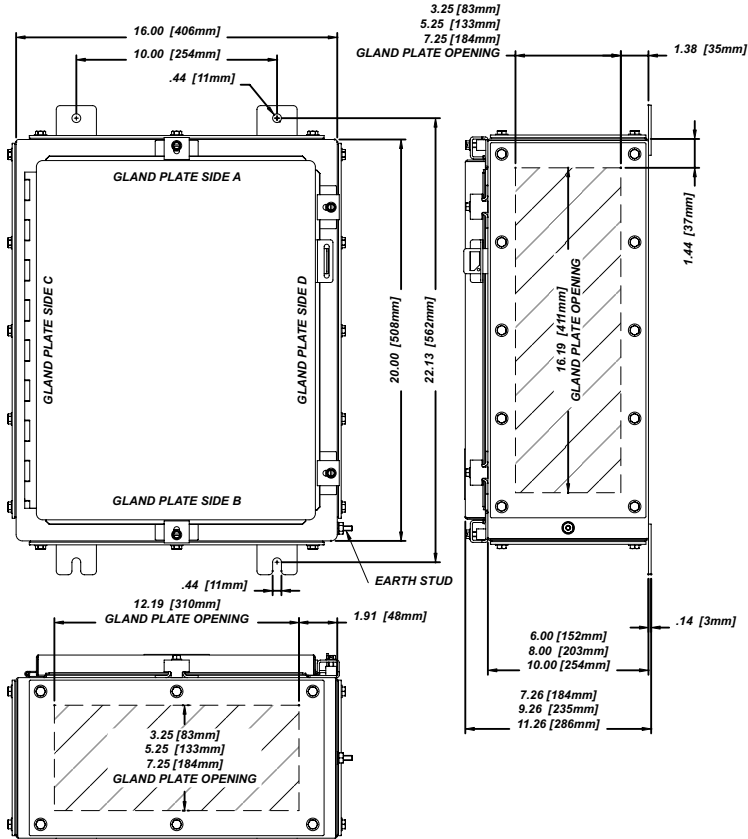
MAXIMUM TERMINAL BLOCK CONTENT																							
MIN CONDUCTOR SIZE		.5mm ²		1.5mm ²		2.5mm ²		4mm ²		6mm ²		10mm ²		16mm ²		35mm ²							
MIN CONDUCTOR SIZE AWG		22		16		14		12		10		8		6		2							
MAXIMUM AMPERAGE		3		8		10		16		20		25		35		50		63		80		100	
Terminal Block Size	1.5mm ²		← 97 →	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

Note:

- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
- The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
- For applications requiring multiple terminal block configurations and ampacities, consult factory.
- For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
- 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

STAINLESS STEEL 316L		STAINLESS STEEL 316L	
Depth	Catalog Number	Depth	Catalog Number
6" (152.4mm)	TN4X6-201606	None	TN4X6-201608
	TN4X6-201606-B	Side B	TN4X6-201608-B
	TN4X6-201606-AB	Side A & B	TN4X6-201608-AB
	TN4X6-201606-BCD	Side B, C & D	TN4X6-201608-BCD
	TN4X6-201606-ABCD	Sides A, B, C & D	TN4X6-201608-ABCD

STAINLESS STEEL 316L	
Depth	Catalog Number
10" (254.0mm)	TN4X6-201610
	TN4X6-201610-B
	TN4X6-201610-AB
	TN4X6-201610-BCD
	TN4X6-201610-ABCD

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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 110 →		53	x	x	x	x	x	x	x	x
	2.5mm ²	← 222 →			35	20	x	x	x	x	x	x
	4mm ²	← 222 →			138	40	22	x	x	x	x	x
	6mm ²	← 141 →					43	17	x	x	x	x
	10mm ²	← 111 →						42	13	x	x	x
	16mm ²	62							35	16	x	x
	35mm ²	← 23 →										17

Note:

- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
- The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
- For applications requiring multiple terminal block configurations and ampacities, consult factory.

- For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
- For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

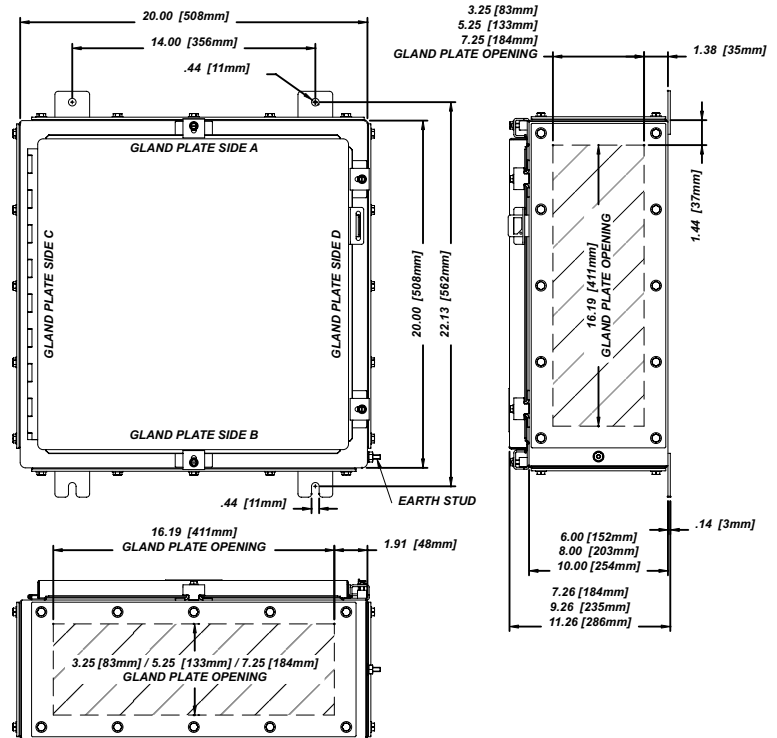
20" X 20" CLAMPED DOOR

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 316L			STAINLESS STEEL 316L		
6" (152.4mm) Depth	Catalog Number	Gland Plate	8" (203.2mm) Depth	Catalog Number	Gland Plate
	TN4X6-202006	None		TN4X6-202008	None
	TN4X6-202006-B	Side B		TN4X6-202008-B	Side B
	TN4X6-202006-AB	Side A & B		TN4X6-202008-AB	Side A & B
	TN4X6-202006-BCD	Side B, C & D		TN4X6-202008-BCD	Side B, C & D
	TN4X6-202006-ABCD	Sides A, B, C & D		TN4X6-202008-ABCD	Sides A, B, C & D

STAINLESS STEEL 316L		
10" (254.0mm) Depth	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					
NPT	Metric	Sides A & B			Sides C & D			Sides A & B			Sides C & D		
1/2	M16	06	08	10	06	08	10	06	08	10	06	08	10
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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 119 →		58	x	x	x	x	x	x	x	x
	2.5mm ²	← 296 →			38	22	x	x	x	x	x	x
	4mm ²	← 296 →			149	43	24	x	x	x	x	x
	6mm ²	← 188 →					47	18	x	x	x	x
	10mm ²	← 148 →						46	15	x	x	x
	16mm ²	← 93 →							38	17	x	x
	35mm ²	← 23 →										18

Note:

- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
- The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
- For applications requiring multiple terminal block configurations and ampacities, consult factory.

- For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
- For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

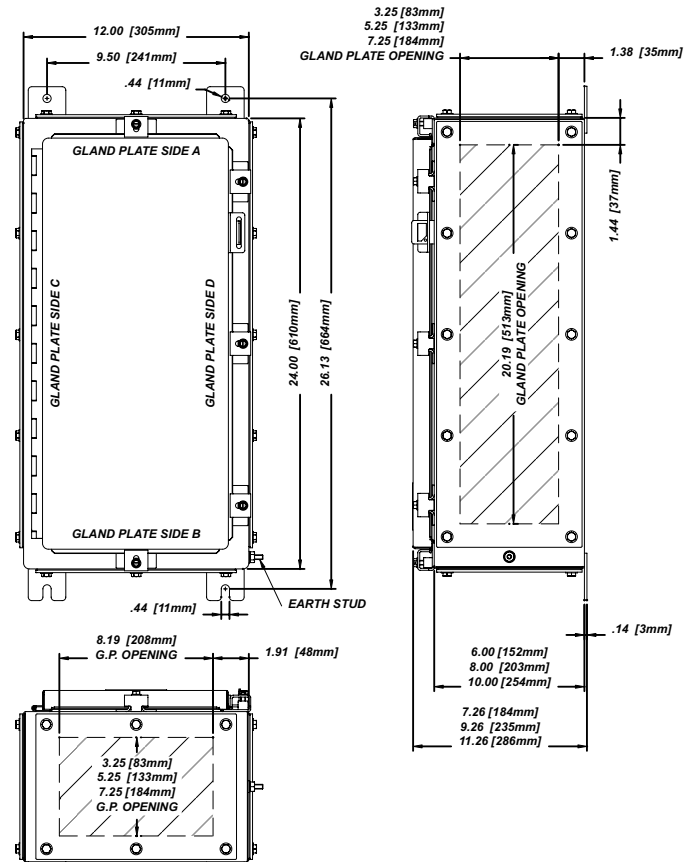
24" X 12" CLAMPED DOOR

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 316L			STAINLESS STEEL 316L		
6" (152.4mm) Depth	Catalog Number	Gland Plate	8" (203.2mm) Depth	Catalog Number	Gland Plate
	TN4X6-241206	None		TN4X6-241208	None
	TN4X6-241206-B	Side B		TN4X6-241208-B	Side B
	TN4X6-241206-AB	Side A & B		TN4X6-241208-AB	Side A & B
	TN4X6-241206-BCD	Side B, C & D		TN4X6-241208-BCD	Side B, C & D
	TN4X6-241206-ABCD	Sides A, B, C & D		TN4X6-241208-ABCD	Sides A, B, C & D

STAINLESS STEEL 316L		
10" (254.0mm) Depth	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					
NPT	Metric	Sides A & B			Sides C & D			Sides A & B			Sides C & D		
		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		.5mm ²		1.5mm ²		2.5mm ²		4mm ²		6mm ²	
MIN CONDUCTOR SIZE AWG		22		16		14		12		10	
MAXIMUM AMPERAGE		3		8		10		16		20	
Terminal Block Size	1.5mm ²	← 99 →		48	x	x	x	x	x	x	x
	2.5mm ²	← 190 →		32	18	x	x	x	x	x	x
	4mm ²	← 190 →		124	36	20	x	x	x	x	x
	6mm ²	← 120 →			39	15	x	x	x	x	x
	10mm ²	← 96 →				38	12	x	x	x	x
	16mm ²	← 39 →					31	14	x	x	x
	35mm ²	x	x	x	x	x	x	x	x	x	x

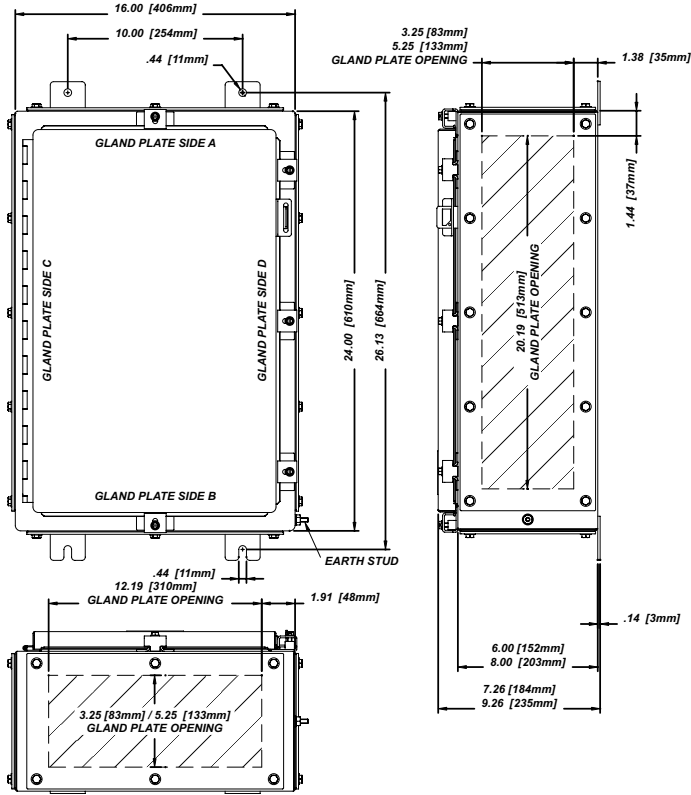
Note:

- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
- The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
- For applications requiring multiple terminal block configurations and ampacities, consult factory.

- For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
- 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

STAINLESS STEEL 316L			STAINLESS STEEL 316L		
6" (152.4mm) Depth	Catalog Number	Gland Plate	8" (203.2mm) Depth	Catalog Number	Gland Plate
	TN4X6-241606	None		TN4X6-241608	None
	TN4X6-241606-B	Side B		TN4X6-241608-B	Side B
	TN4X6-241606-AB	Side A & B		TN4X6-241608-AB	Side A & B
	TN4X6-241606-BCD	Side B, C & D		TN4X6-241608-BCD	Side B, C & D
	TN4X6-241606-ABCD	Sides A, 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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 114 →		55	x	x	x	x	x	x	x	x
	2.5mm ²	← 285 →			36	21	x	x	x	x	x	x
	4mm ²	← 285 →			142	41	23	x	x	x	x	x
	6mm ²	← 180 →					45	17	x	x	x	x
	10mm ²	← 144 →						44	14	x	x	x
	16mm ²	← 78 →							36	17	x	x
	35mm ²	29										17

Note:

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

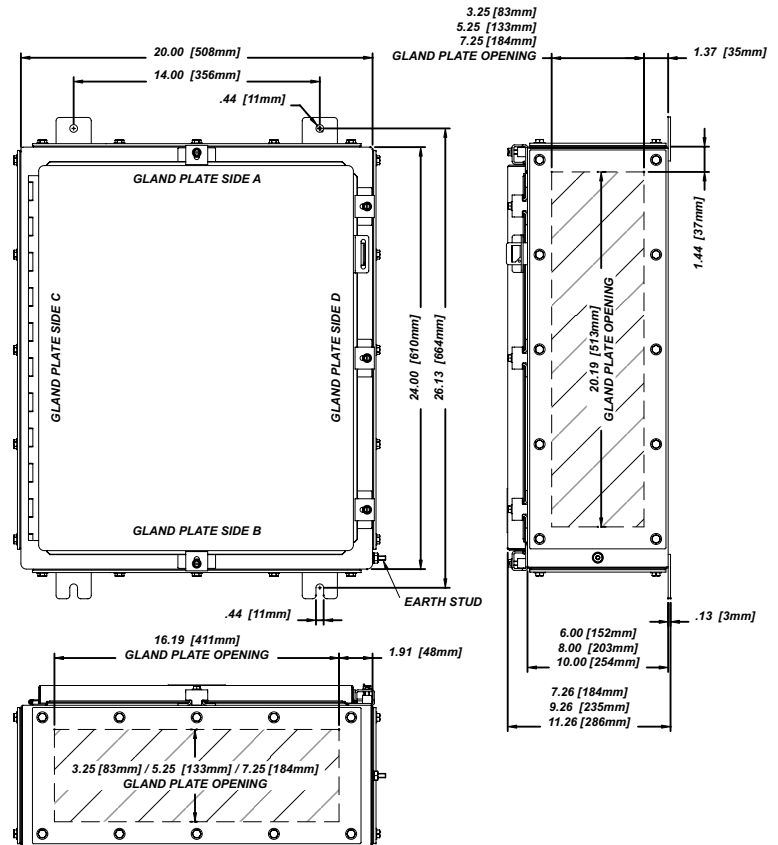
24" X 20" CLAMPED DOOR

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 316L		6" (152.4mm) Depth	STAINLESS STEEL 316L	
Catalog Number	Gland Plate		Catalog Number	Gland Plate
TN4X6-242006	None		TN4X6-242008	None
TN4X6-242006-B	Side B		TN4X6-242008-B	Side B
TN4X6-242006-AB	Side A & B		TN4X6-242008-AB	Side A & B
TN4X6-242006-BCD	Side B, C & D		TN4X6-242008-BCD	Side B, C & D
TN4X6-242006-ABCD	Sides A, B, C & D		TN4X6-242008-ABCD	Sides A, B, C & D

STAINLESS STEEL 316L		10" (254.0mm) Depth
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					
NPT	Metric	Sides A & B			Sides C & D			Sides A & B			Sides C & D		
1/2	M16	06	08	10	06	08	10	06	08	10	06	08	10
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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 125 →		61	x	x	x	x	x	x	x	x
	2.5mm ²	← 380 →			40	23	x	x	x	x	x	x
	4mm ²	← 380 →			157	45	25	x	x	x	x	x
	6mm ²	← 240 →					49	19	x	x	x	x
	10mm ²	← 192 →						48	15	x	x	x
	16mm ²	117							40	18	x	x
	35mm ²	← 29 →										19

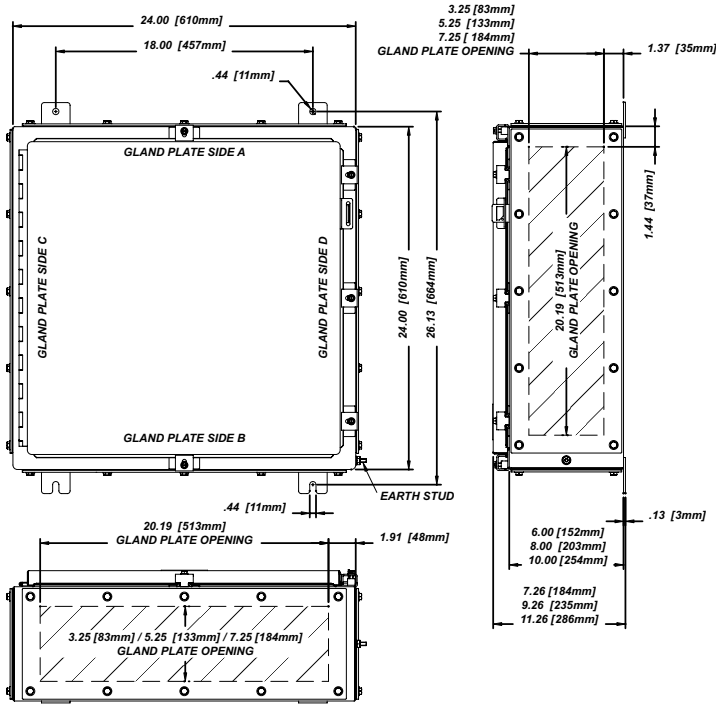
Note:

- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
- The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
- For applications requiring multiple terminal block configurations and ampacities, consult factory.

- For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
- 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			STAINLESS STEEL 316L		
6" (152.4mm) Depth	Catalog Number	Gland Plate	8" (203.2mm) Depth	Catalog Number	Gland Plate
	TN4X6-242406	None		TN4X6-242408	None
	TN4X6-242406-B	Side B		TN4X6-242408-B	Side B
	TN4X6-242406-AB	Side A & B		TN4X6-242408-AB	Side A & B
	TN4X6-242406-BCD	Side B, C & D		TN4X6-242408-BCD	Side B, C & D
	TN4X6-242406-ABCD	Sides A, 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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 134 →		65	x	x	x	x	x	x	x	x
	2.5mm ²	← 475 →			43	25	x	x	x	x	x	x
	4mm ²	← 475 →			168	48	27	x	x	x	x	x
	6mm ²	← 300 →					53	20	x	x	x	x
	10mm ²	← 240 →						51	17	x	x	x
	16mm ²	117							42	20	x	x
	35mm ²	← 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.

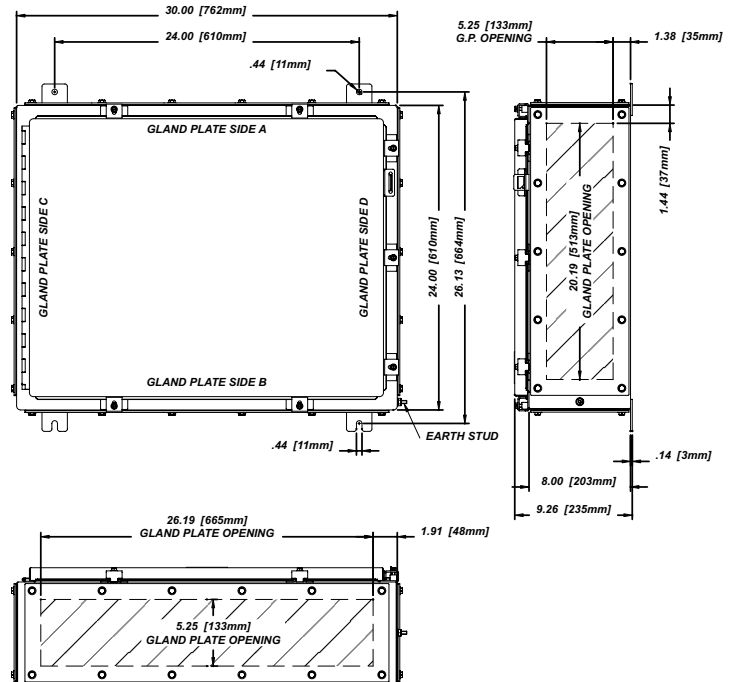
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

24" X 30" CLAMPED DOOR

ENCLOSURES WITH TERMINALS

STAINLESS STEEL 316L		
8" (203.2mm) Depth	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					
NPT	Metric	Sides A & B			Sides C & D			Sides A & B			Sides C & D		
		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	-



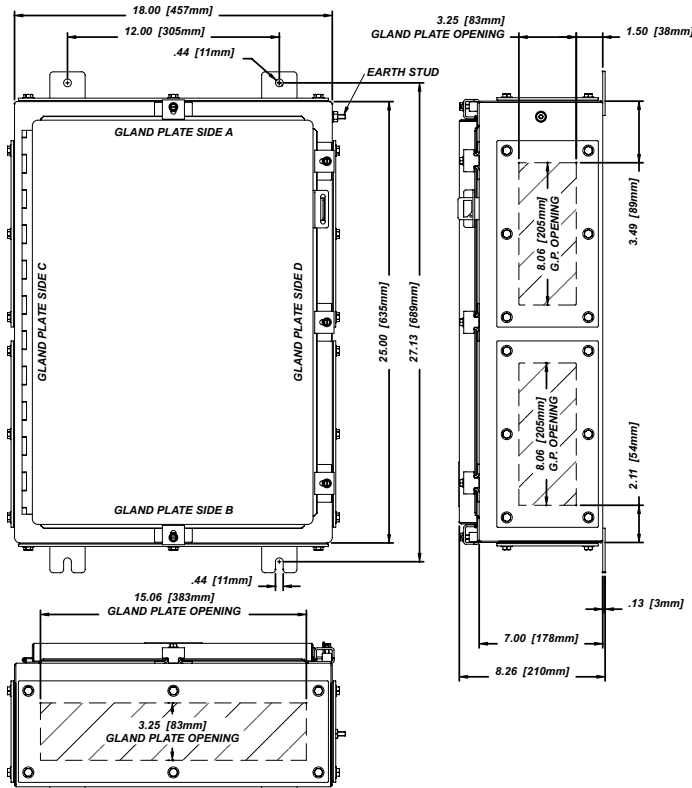
MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm ²	← 143 →		69	x	x	x	x	x	x	x	x
	2.5mm ²	← 665 →			46	27	x	x	x	x	x	x
	4mm ²	← 665 →			179	52	29	x	x	x	x	x
	6mm ²	← 420 →					56	22	x	x	x	x
	10mm ²	← 288 →						55	18	x	x	x
	16mm ²	← 195 →							45	21	x	x
	35mm ²	← 87 →									84	22

Note:

- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
- The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
- For applications requiring multiple terminal block configurations and ampacities, consult factory.
- For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
- 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

STAINLESS STEEL 316L

7" (177.8mm) Depth	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

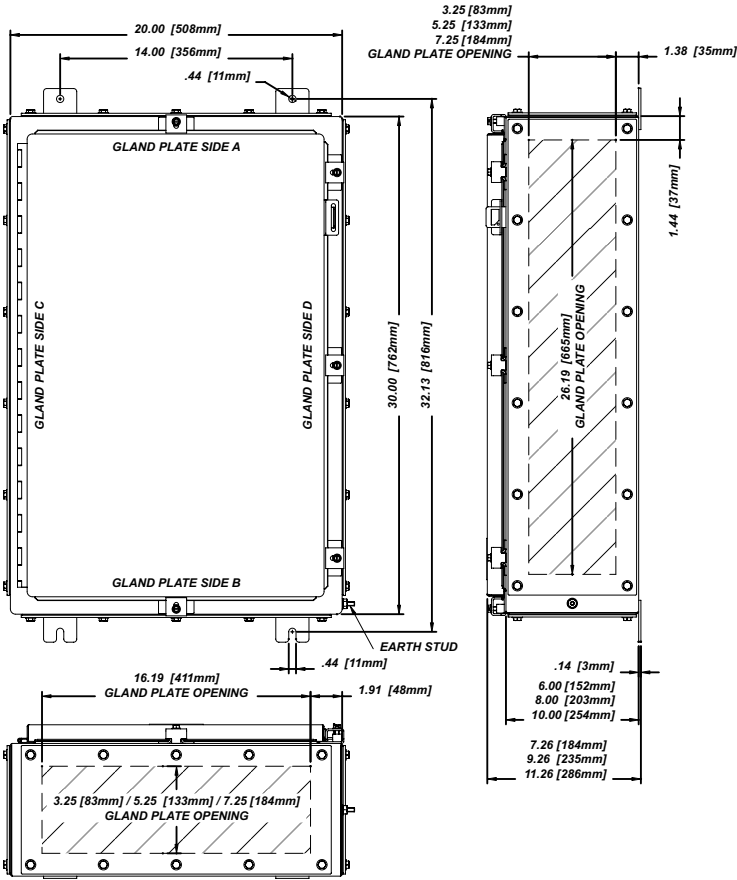
MIN CONDUCTOR SIZE		.5mm ²	1.5mm ²	2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²		
MIN CONDUCTOR SIZE AWG		22	16	14		12	10	8	6	2		
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm ²	← 121 →		58	x	x	x	x	x	x	x	x
	2.5mm ²	← 400 →			39	22	x	x	x	x	x	x
	4mm ²	← 400 →			151	44	25	x	x	x	x	x
	6mm ²	← 252 →					48	18	x	x	x	x
	10mm ²	← 150 →						46	15	x	x	x
	16mm ²	← 84 →							38	18	x	x
	35mm ²	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.

TN SERIES

30" X 20" CLAMPED DOOR



ENCLOSURES WITH TERMINALS

STAINLESS STEEL 316L			STAINLESS STEEL 316L		
6" (152.4mm) Depth	Catalog Number	Gland Plate	8" (203.2mm) Depth	Catalog Number	Gland Plate
	TN4X6-302006	None		TN4X6-302008	None
	TN4X6-302006-B	Side B		TN4X6-302008-B	Side B
	TN4X6-302006-AB	Side A & B		TN4X6-302008-AB	Side A & B
	TN4X6-302006-BCD	Side B, C & D		TN4X6-302008-BCD	Side B, C & D
	TN4X6-302006-ABCD	Sides A, 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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 134 →		65	x	x	x	x	x	x	x	x
	2.5mm ²	← 475 →			43	25	x	x	x	x	x	x
	4mm ²	← 475 →			168	48	27	x	x	x	x	x
	6mm ²	← 316 →					52	20	x	x	x	x
	10mm ²	← 252 →						50	20	x	x	x
	16mm ²	156							42	19	x	x
	35mm ²	← 39 →										20

Note:

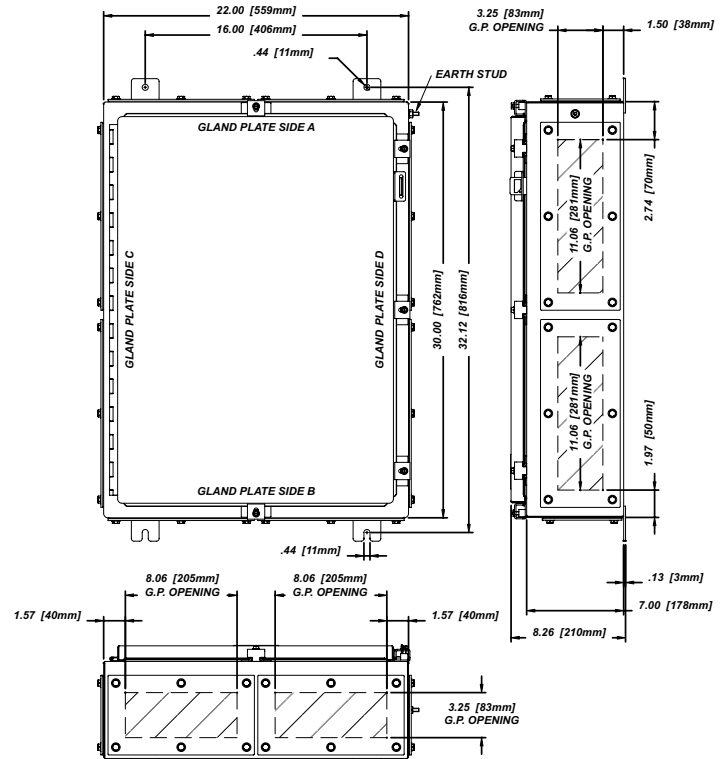
- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
- The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
- For applications requiring multiple terminal block configurations and ampacities, consult factory.

- For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
- For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

30" X 22" X 7" CLAMPED DOOR**ENCLOSURES WITH TERMINALS**

STAINLESS STEEL 316L		
7" (177.8mm) Depth	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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 137 →		67	x	x	x	x	x	x	x	x
	2.5mm ²	← 625 →			44	26	x	x	x	x	x	x
	4mm ²	← 625 →			172	50	28	x	x	x	x	x
	6mm ²	← 395 →					54	21	x	x	x	x
	10mm ²	← 252 →						53	17	x	x	x
	16mm ²	← 156 →							44	20	x	x
	35mm ²	← 78 →										21

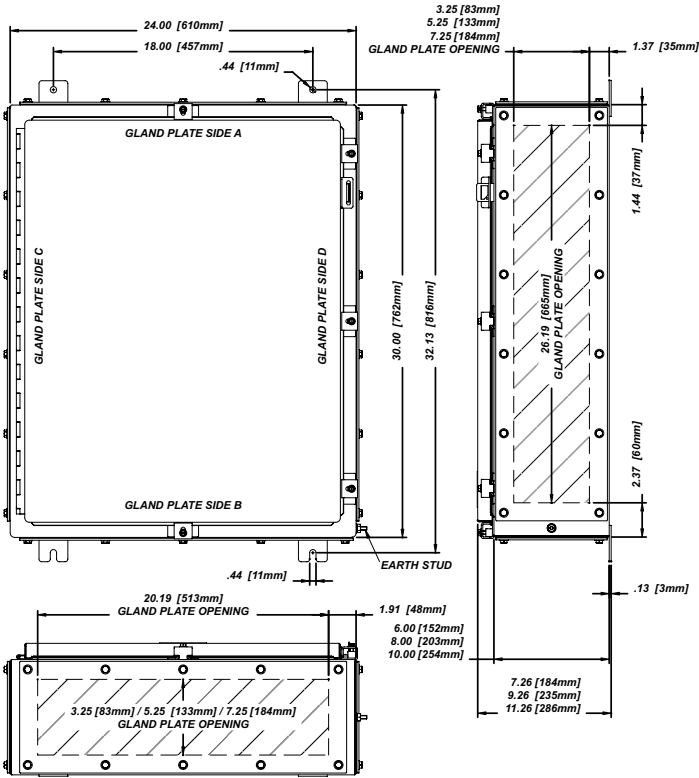
Note:

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.

INCREASED SAFETY TERMINAL ENCLOSURES

TN SERIES

30" X 24" CLAMPED DOOR



ENCLOSURES WITH TERMINALS

STAINLESS STEEL 316L		STAINLESS STEEL 316L	
Depth	Catalog Number	Depth	Catalog Number
6" (152.4mm)	TN4X6-302406	8" (203.2mm)	TN4X6-302408
	TN4X6-302406-B		TN4X6-302408-B
	TN4X6-302406-AB		TN4X6-302408-AB
	TN4X6-302406-BCD		TN4X6-302408-BCD
	TN4X6-302406-ABCD		TN4X6-302408-ABCD
	None		None
	Side B		Side B
	Side A & B		Side A & B
	Side B, C & D		Side B, C & D
	Sides A, B, C & D		Sides A, B, C & D

STAINLESS STEEL 316L	
Depth	Catalog Number
10" (254.0mm)	TN4X6-302410
	TN4X6-302410-B
	TN4X6-302410-AB
	TN4X6-302410-BCD
	TN4X6-302410-ABCD
	None
	Side B
	Side A & B
	Side B, C & D
	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		.5mm ²	1.5mm ²	2.5mm ²	4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
MIN CONDUCTOR SIZE AWG		22	16	14	12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63
Terminal Block Size	1.5mm ²	← 143 →		69	x	x	x	x	x	x
	2.5mm ²	← 625 →		46	27	x	x	x	x	x
	4mm ²	← 625 →		179	52	29	x	x	x	x
	6mm ²	← 395 →				56	22	x	x	x
	10mm ²	← 315 →					55	18	x	x
	16mm ²	156						45	21	x
	35mm ²	← 78 →								22

Note:

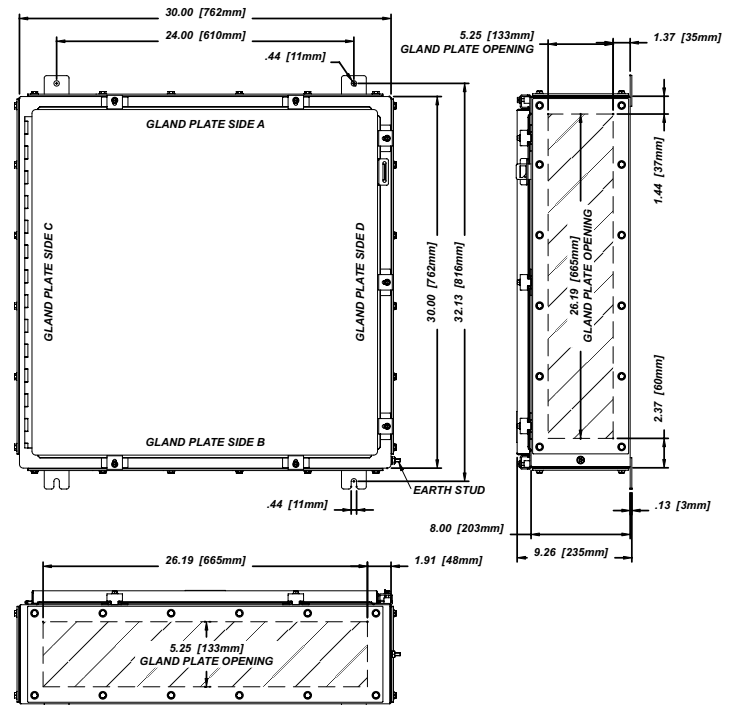
- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
- The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
- For applications requiring multiple terminal block configurations and ampacities, consult factory.

- For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
- 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**

STAINLESS STEEL 316L		
8" (203.2mm) Depth	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					
NPT	Metric	Sides A & B			Sides C & D			Sides A & B			Sides C & D		
		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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 156 →		76	x	x	x	x	x	x	x	x
	2.5mm ²	← 875 →			50	29	x	x	x	x	x	x
	4mm ²	← 875 →			196	57	32	x	x	x	x	x
	6mm ²	← 553 →					62	19	x	x	x	x
	10mm ²	← 378 →						60	19	x	x	x
	16mm ²	← 260 →							50	23	x	x
	35mm ²	← 117 →									92	24

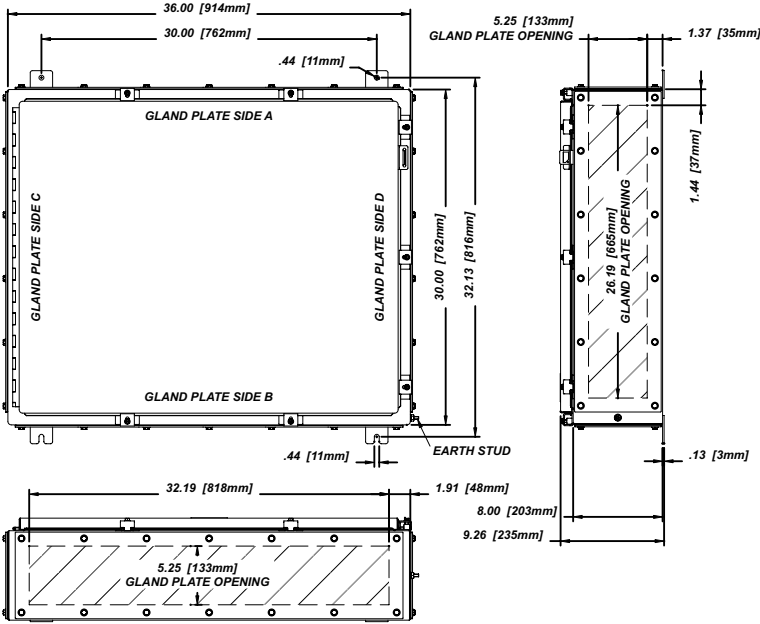
Note:

- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
- The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
- For applications requiring multiple terminal block configurations and ampacities, consult factory.
- For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
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TN SERIES

30" X 36" CLAMPED DOOR

ENCLOSURES WITH TERMINALS



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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 161 →		80	x	x	x	x	x	x	x	x
	2.5mm ²	← 1,000 →			53	31	x	x	x	x	x	x
	4mm ²	← 1,000 →			208	60	34	x	x	x	x	x
	6mm ²	← 632 →					66	25	x	x	x	x
	10mm ²	← 441 →						64	21	x	x	x
	16mm ²	← 312 →							53	24	x	x
	35mm ²	117									97	25

Note:

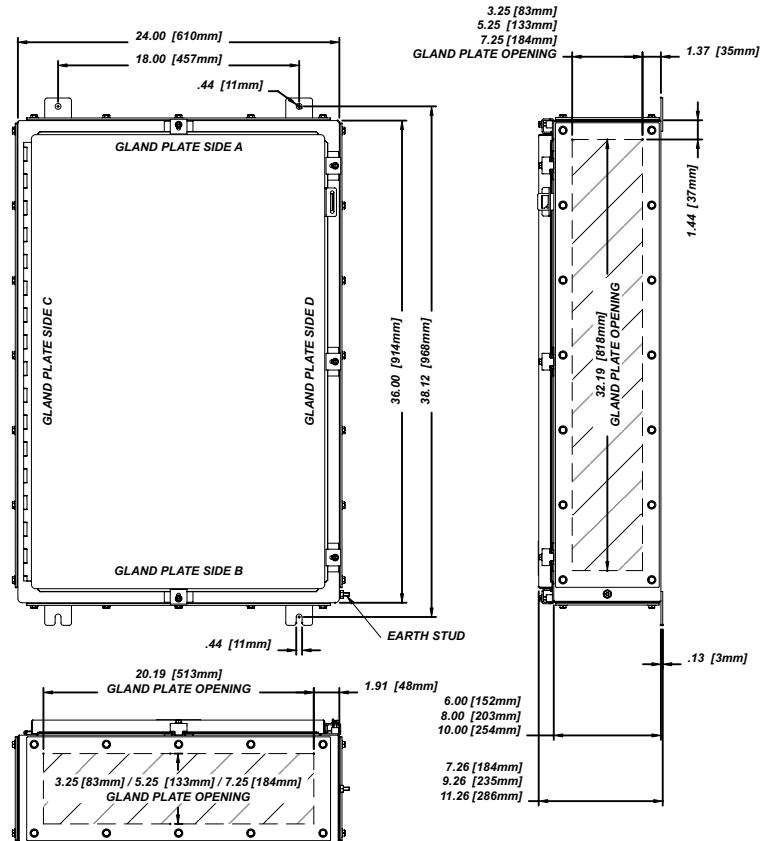
1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
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**

STAINLESS STEEL 316L		STAINLESS STEEL 316L	
Catalog Number	Gland Plate	Catalog Number	Gland Plate
TN4X6-362406	None	TN4X6-362408	None
TN4X6-362406-B	Side B	TN4X6-362408-B	Side B
TN4X6-362406-AB	Side A & B	TN4X6-362408-AB	Side A & B
TN4X6-362406-BCD	Side B, C & D	TN4X6-362408-BCD	Side B, C & D
TN4X6-362406-ABCD	Sides A, B, C & D	TN4X6-362408-ABCD	Sides A, B, C & D

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					
NPT	Metric	Sides A & B			Sides C & D			Sides A & B			Sides C & D		
		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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 149 →		72	x	x	x	x	x	x	x	x
	2.5mm ²	← 780 →			48	28	x	x	x	x	x	x
	4mm ²	← 780 →			187	54	39	x	x	x	x	x
	6mm ²	← 495 →					59	23	x	x	x	x
	10mm ²	← 300 →						57	18	x	x	x
	16mm ²	195							47	22	x	x
	35mm ²	← 96 →									88	23

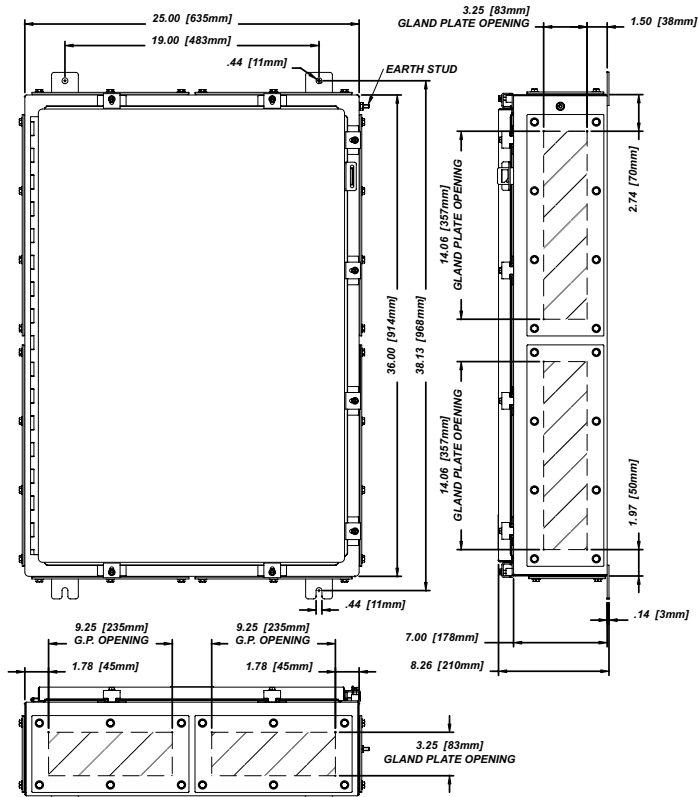
Note:

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- The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
- For applications requiring multiple terminal block configurations and ampacities, consult factory.

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TN SERIES

36" X 25" X 7" CLAMPED DOOR



ENCLOSURES WITH TERMINALS

STAINLESS STEEL 316L

7" (177.8mm) Depth	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		.5mm ²	1.5mm ²	2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²		
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	1.5mm ²	← 152 →		74	x	x	x	x	x	x	x	x
	2.5mm ²	← 936 →			49	28	x	x	x	x	x	x
	4mm ²	← 936 →			190	55	31	x	x	x	x	x
	6mm ²	← 594 →					60	28	x	x	x	x
	10mm ²	← 390 →						58	19	x	x	x
	16mm ²	← 260 →							48	27	x	x
	35mm ²	96									89	23

Note:

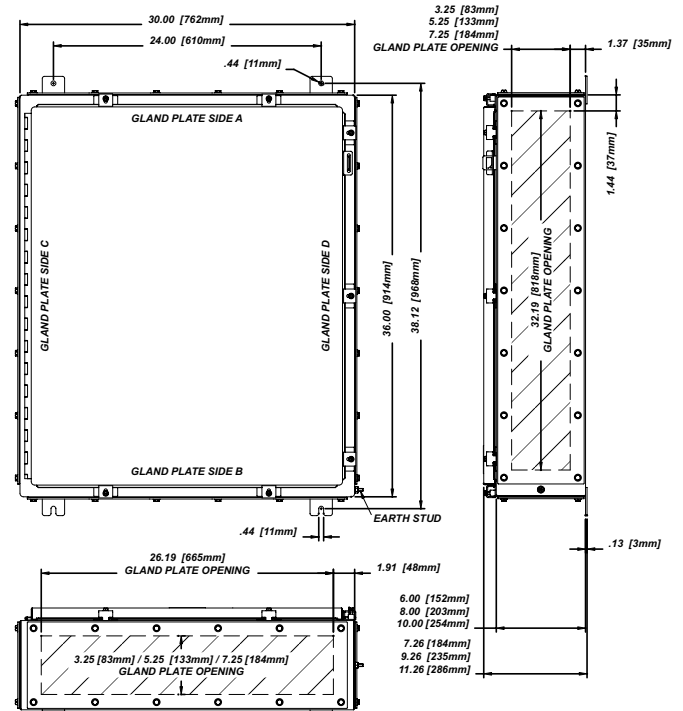
- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
- The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
- For applications requiring multiple terminal block configurations and ampacities, consult factory.
- For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
- 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**

STAINLESS STEEL 316L			STAINLESS STEEL 316L		
6" (152.4mm) Depth	Catalog Number	Gland Plate	8" (203.2mm) Depth	Catalog Number	Gland Plate
	TN4X6-363006	None		TN4X6-363008	None
	TN4X6-363006-B	Side B		TN4X6-363008-B	Side B
	TN4X6-363006-AB	Side A & B		TN4X6-363008-AB	Side A & B
	TN4X6-363006-BCD	Side B, C & D		TN4X6-363008-BCD	Side B, C & D
	TN4X6-363006-ABCD	Sides A, B, C & D		TN4X6-363008-ABCD	Sides A, B, C & D

STAINLESS STEEL 316L		
10" (254.0mm) Depth	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					
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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 161 →		80	x	x	x	x	x	x	x	x
	2.5mm ²	← 1092 →			53	31	x	x	x	x	x	x
	4mm ²	← 1092 →			208	60	34	x	x	x	x	x
	6mm ²	← 693 →					66	25	x	x	x	x
	10mm ²	← 468 →						64	21	x	x	x
	16mm ²	325							53	24	x	x
	35mm ²	← 144 →									97	25

Note:

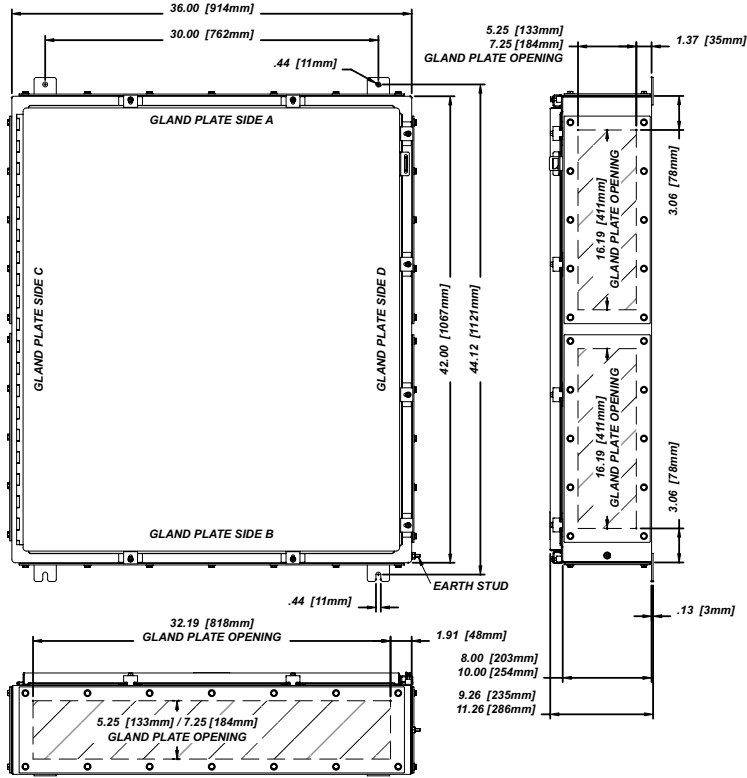
- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
- The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
- For applications requiring multiple terminal block configurations and ampacities, consult factory.

- For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
- 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



STAINLESS STEEL 316L			STAINLESS STEEL 316L		
8" (203.2mm) Depth	Catalog Number	Gland Plate	10" (254.0mm) Depth	Catalog Number	Gland Plate
	TN4X6-423608	None		TN4X6-423610	None
	TN4X6-423608-B	Side B		TN4X6-423610-B	Side B
	TN4X6-423608-AB	Side A & B		TN4X6-423610-AB	Side A & B
	TN4X6-423608-BCD	Side B, C & D		TN4X6-423610-BCD	Side B, C & D
	TN4X6-423608-ABCD	Sides A, 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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 188 →		91	x	x	x	x	x	x	x	x
	2.5mm ²	← 1,488 →			61	35	x	x	x	x	x	x
	4mm ²	← 1,488 →			236	68	39	x	x	x	x	x
	6mm ²	← 944 →					75	28	x	x	x	x
	10mm ²	← 658 →						72	23	x	x	x
	16mm ²	← 468 →							60	28	x	x
	35mm ²	← 174 →									111	29

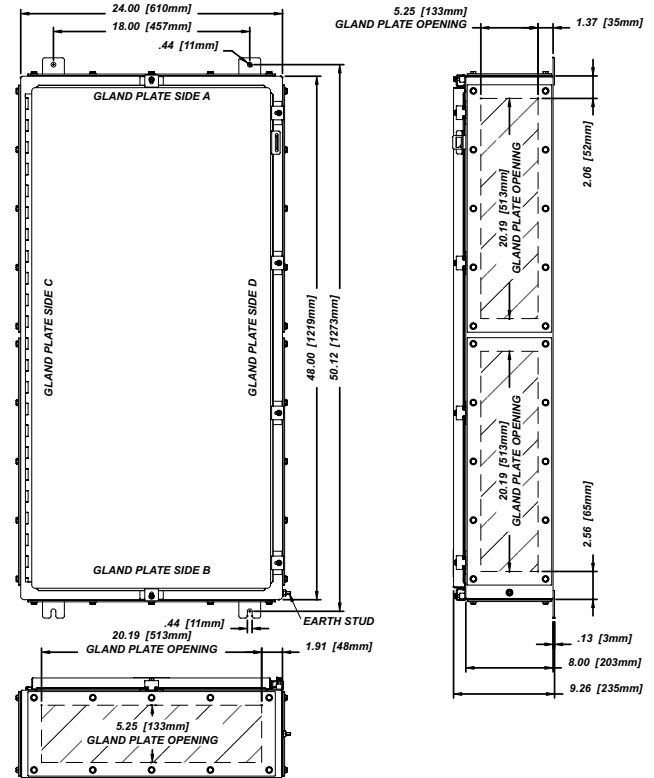
Note:

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**

STAINLESS STEEL 316L		
8" (203.2mm) Depth	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					
NPT	Metric	Sides A & B			Sides C & D			Sides A & B			Sides C & D		
		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	-



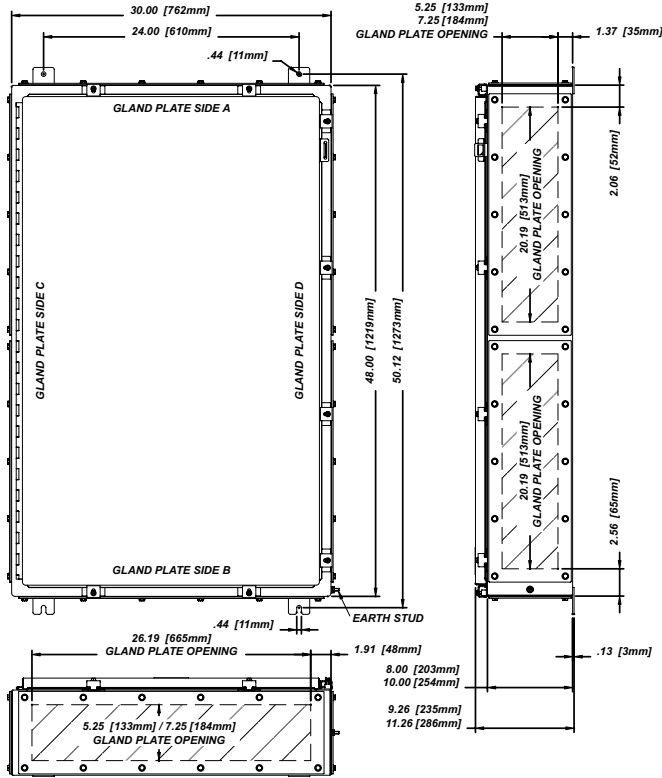
MAXIMUM TERMINAL BLOCK CONTENT												
MIN CONDUCTOR SIZE		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
MIN CONDUCTOR SIZE AWG		22	16		14		12	10	8	6	2	
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm ²	← 155 →		75	x	x	x	x	x	x	x	x
	2.5mm ²	← 1,085 →			50	29	x	x	x	x	x	x
	4mm ²	← 1,085 →			195	56	32	x	x	x	x	x
	6mm ²	← 685 →					61	24	x	x	x	x
	10mm ²	← 545 →						60	19	x	x	x
	16mm ²	← 273 →							49	23	x	x
	35mm ²	← 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

STAINLESS STEEL 316L			STAINLESS STEEL 316L		
8" (203.2mm) Depth	Catalog Number	Gland Plate	10" (254.0mm) Depth	Catalog Number	Gland Plate
	TN4X6-483008	None		TN4X6-483010	None
	TN4X6-483008-B	Side B		TN4X6-483010-B	Side B
	TN4X6-483008-AB	Side A & B		TN4X6-483010-AB	Side A & B
	TN4X6-483008-BCD	Side B, C & D		TN4X6-483010-BCD	Side B, C & D
	TN4X6-483008-ABCD	Sides A, 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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	← 177 →		86	x	x	x	x	x	x	x	x
	2.5mm ²	← 1,519 →			57	33	x	x	x	x	x	x
	4mm ²	← 1,519 →			222	64	36	x	x	x	x	x
	6mm ²	← 959 →					70	27	x	x	x	x
	10mm ²	← 654 →						68	22	x	x	x
	16mm ²	← 455 →							56	26	x	x
	35mm ²	← 201 →									104	27

Note:

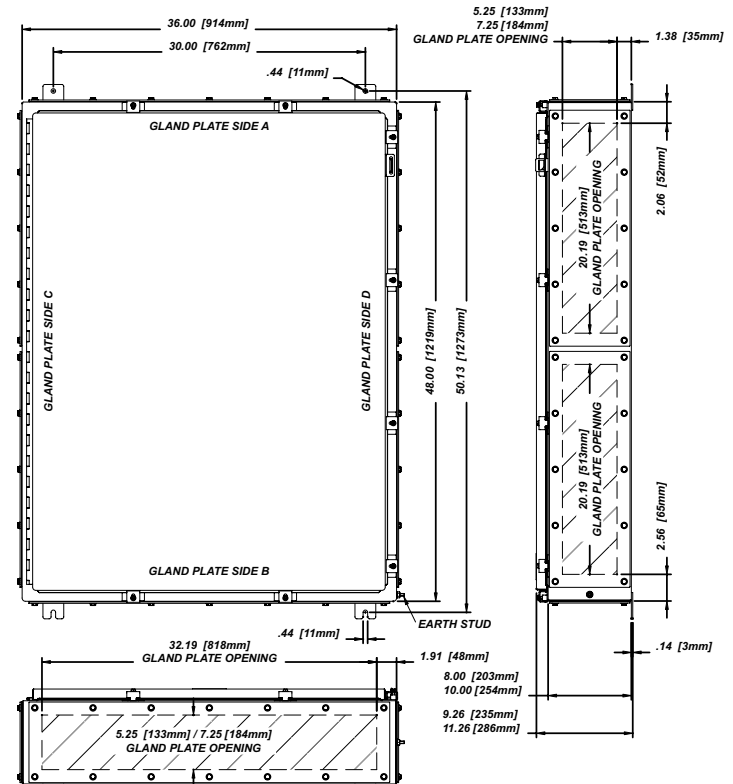
- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
- The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
- For applications requiring multiple terminal block configurations and ampacities, consult factory.
- For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
- 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		10" (254.0mm) Depth	STAINLESS STEEL 316L	
	Catalog Number	Gland Plate		Catalog Number	Gland Plate
	TN4X6-483608	None		TN4X6-483610	None
	TN4X6-483608-B	Side B		TN4X6-483610-B	Side B
	TN4X6-483608-AB	Side A & B		TN4X6-483610-AB	Side A & B
	TN4X6-483608-BCD	Side B, C & D		TN4X6-483610-BCD	Side B, C & D
	TN4X6-483608-ABCD	Sides A, B, C & D		TN4X6-483610-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		
		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		.5mm ²	1.5mm ²	2.5mm ²	4mm ²	6mm ²	10mm ²	16mm ²	35mm ²		
MIN CONDUCTOR SIZE AWG		22	16	14	12	10	8	6	2		
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	100
Terminal Block Size	1.5mm ²	← 196 →		95	x	x	x	x	x	x	x
	2.5mm ²	← 1,736 →		63	37	x	x	x	x	x	x
	4mm ²	← 1,736 →		245	71	40	x	x	x	x	x
	6mm ²	← 1,096 →				77	30	x	x	x	x
	10mm ²	← 763 →					75	24	x	x	x
	16mm ²	← 546 →						62	29	x	x
	35mm ²	← 201 →								115	30

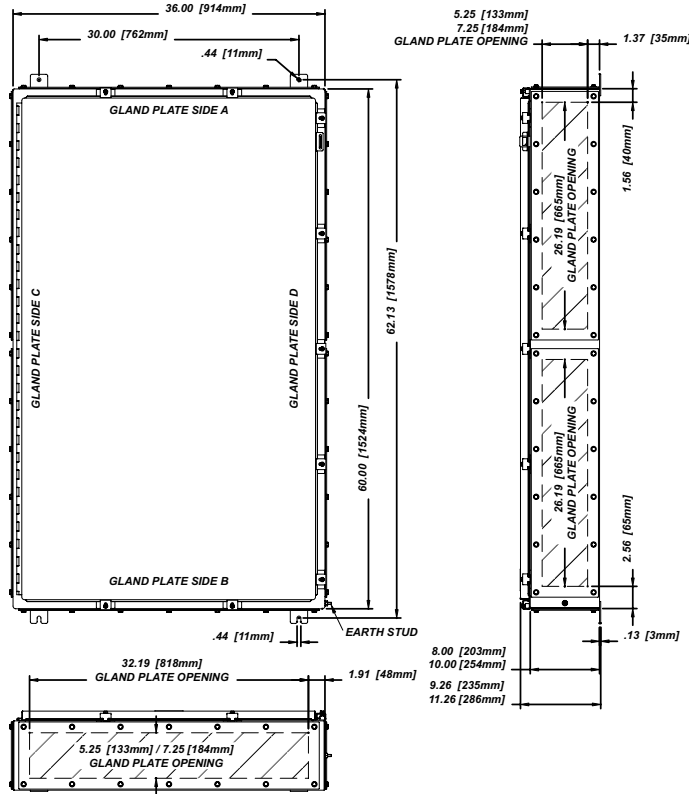
Note:

- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
- The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
- For applications requiring multiple terminal block configurations and ampacities, consult factory.
- For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
- 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



STAINLESS STEEL 316L			STAINLESS STEEL 316L		
8" (203.2mm) Depth	Catalog Number	Gland Plate	10" (254.0mm) Depth	Catalog Number	Gland Plate
	TN4X6-603608	None		TN4X6-603610	None
	TN4X6-603608-B	Side B		TN4X6-603610-B	Side B
	TN4X6-603608-AB	Side A & B		TN4X6-603610-AB	Side A & B
	TN4X6-603608-BCD	Side B, C & D		TN4X6-603610-BCD	Side B, C & D
	TN4X6-603608-ABCD	Sides A, 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		.5mm ²	1.5mm ²		2.5mm ²		4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
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	1.5mm ²	←206→		100	x	x	x	x	x	x	x	x
	2.5mm ²	←2,224→			66	39	x	x	x	x	x	x
	4mm ²	←2,224→			258	75	47	x	x	x	x	x
	6mm ²	←1,408→					81	32	x	x	x	x
	10mm ²	←980→						79	26	x	x	x
	16mm ²	←696→							68	30	x	x
	35mm ²	←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

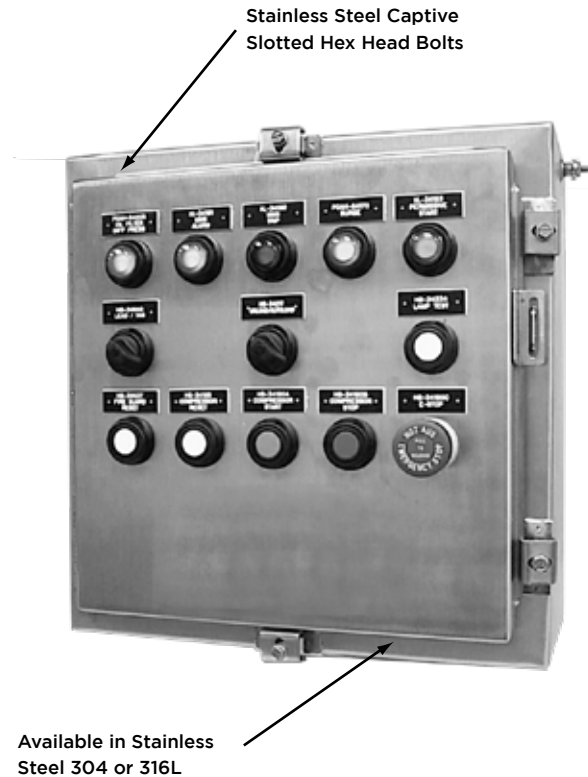
Class II, Division 2

Class I, Zone 1, AEx e II

Class I, Zone 1 Exe II

Ex tD A21 IP66

NEMA 4X, 12, and 13



Stainless Steel Captive
Slotted Hex Head Bolts

Available in Stainless
Steel 304 or 316L

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

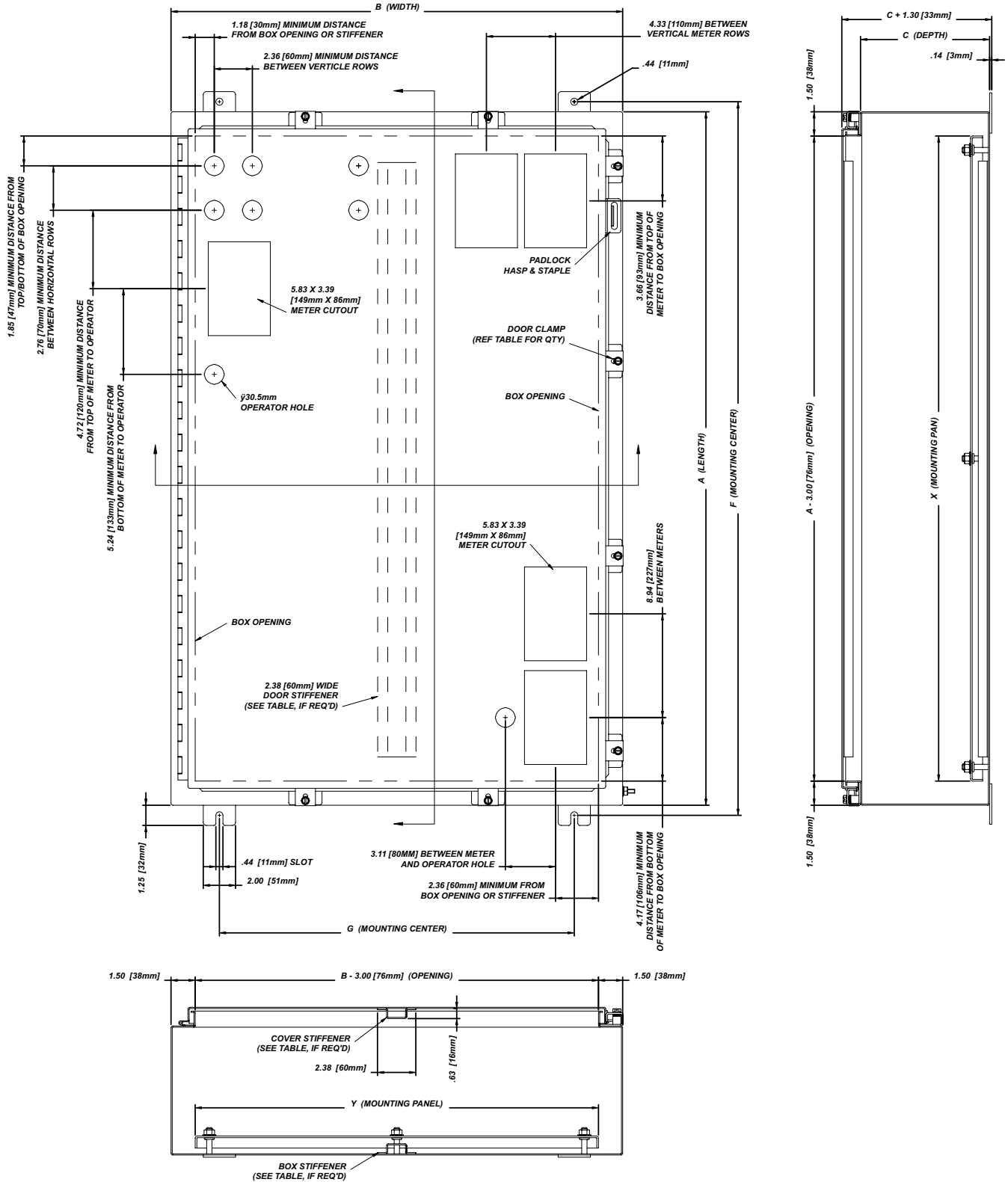
Material

- 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



INCHES	STAINLESS STEEL 316L												
	Gauge Thickness		Box Dimensions			Clamps	Mtg. Center		Stiffener		Panel Cat No. Optional	Panel Dimensions	
	Catalog Number	Box	Door	A	B	C	#	F	G	Box	Door	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)

INCREASED SAFETY TERMINAL ENCLOSURES

CN SERIES

STAINLESS STEEL 316L													
Catalog Number	Gauge Thickness		Box Dimensions			Clamps	Mtg. Center		Stiffener		Panel Cat No. Optional	Panel Dimensions	
	Box	Door	A	B	C	#	F	G	Box	Door		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:

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- D: Gland plate installed on RIGHT side of box

For multiple gland plates omit dashes. (i.e. CN4X6-161608-ABCD)

STAINLESS STEEL 316L														
	Catalog Number	Gauge Thickness		Box Dimensions			Clamps	Mtg. Center		Stiffener		Panel Cat No. Optional	Panel Dimensions	
		Box	Door	A	B	C		#	F	G	Box		Door	X
METRIC	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:

- For stainless steel 304 constructions, substitute CN4X6 (SS316L Prefix) with CN4X (SS304 Prefix).
- Gland plate options are available on enclosure < 12 inches deep, consult factory for gland plates on enclosures > 10 inches deep.

Add the following suffixes for gland plates:

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For multiple gland plates omit dashes. (i.e. CN4X6-161608-ABCD)

INCREASED SAFETY TERMINAL ENCLOSURES

CN SERIES

STAINLESS STEEL 316L														
	Catalog Number	Gauge Thickness		Box Dimensions			Clamps	Mtg. Center		Stiffener		Panel Cat No. Optional	Panel Dimensions	
		Box	Door	A	B	C		#	F	G	Box		Door	X
METRIC	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:

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For multiple gland plates omit dashes. (i.e. CN4X6-161608-ABCD)

CN SERIES - CONTROLS

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
EHPBM	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 Ex II 2 G Ex e II C T6 (T5: Ta < +55°C)(T4: Ta < +70°C)

CE 0539 Ex II 2 D Ex tD A21 IP66 T200°C

IECEX Ex tb IIIC Db IP66



DIP

DIP A21 TAT6



CABLE GLANDS



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



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 with 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

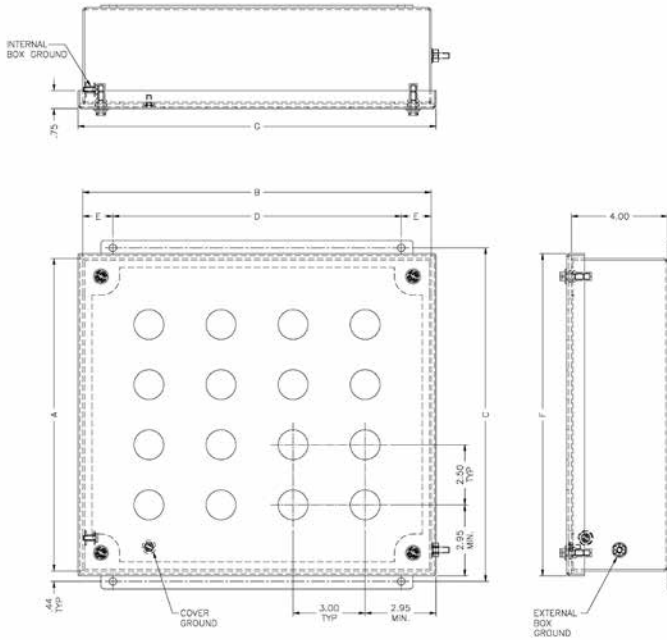
- Enclosure and gland plates Type 304 or 316L
- Captive cover screws and hardware are 316L
- NEMA 4 / IP66 water-tight gasket is form in place (FIP)
- Box / cover constructed from 14 gauge (0.75) stainless steel with #3/#4 brush finish
- Gland plates constructed from 10 gauge (.1345) stainless steel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

INCREASED SAFETY TERMINAL ENCLOSURES

OPERATOR ENCLOSURE



HV SERIES

HV SERIES: INCREASED SAFETY HIGH VOLTAGE TERMINAL ENCLOSURES

Continuous Piano
Type Hinge



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

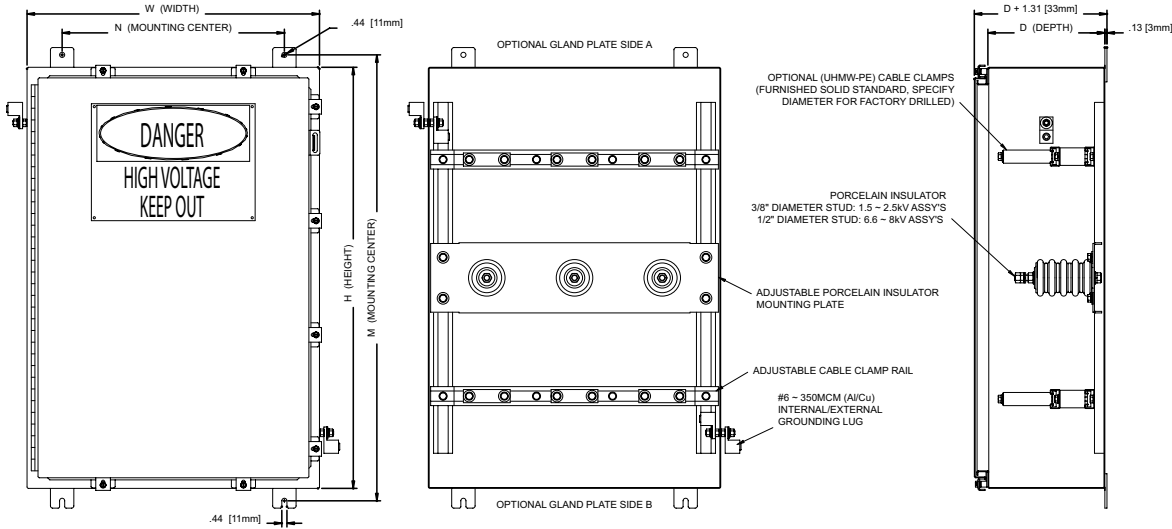
Material

- 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	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

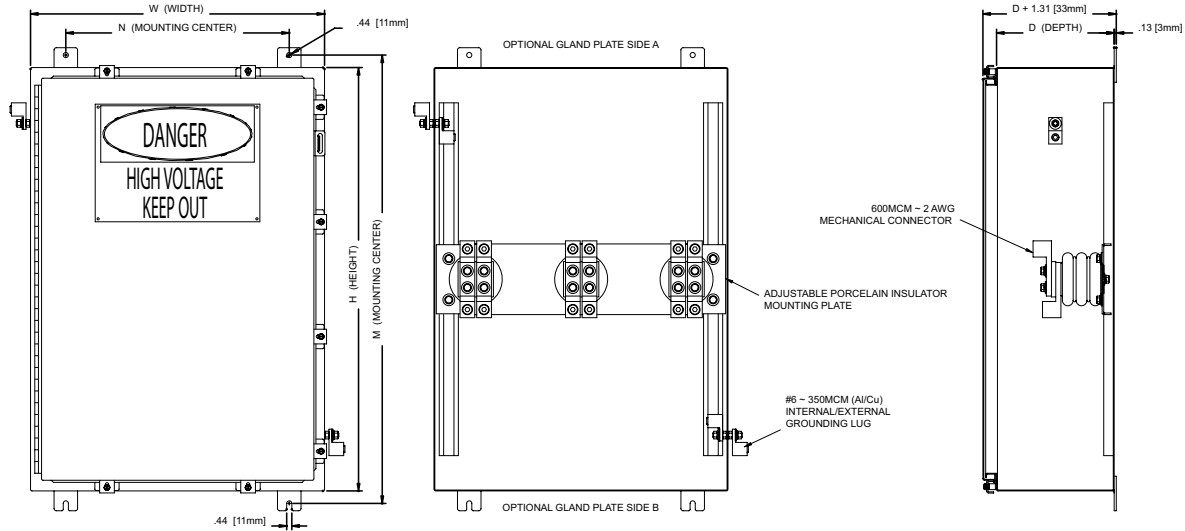
For multiple gland plates omit dashes.

(i.e. HV4X6-161608-ABCD)

INCREASED SAFETY HIGH VOLTAGE JUNCTION BOXES

HV SERIES

2 X 2 CONNECTION SERIES



Catalog Number	H	W	D	M	N	VOLTAGE MAX	MAX AMPERAGE T6 RATING		MAX AMPERAGE T5 RATING	
							PHASE	EA. CONDUCT.	PHASE	EA. CONDUCT.
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		AMPERAGE MAX
mm ²	AWG/MCM	
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)

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

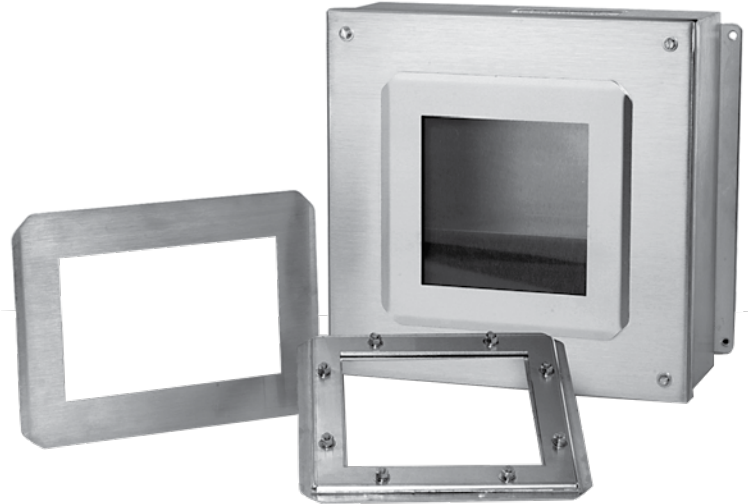
CSA E60079-7, IEC 60079-7

UL 60079-7

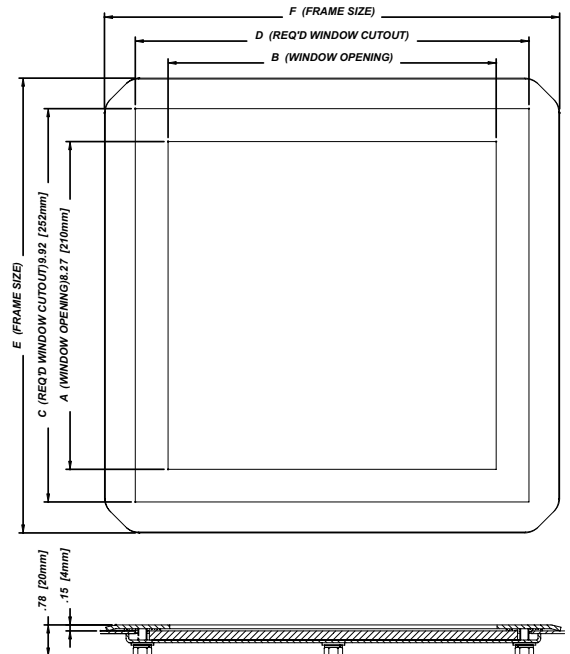
UL 1604

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



INCREASED SAFETY ENCLOSURE ACCESSORIES

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