

TN SERIES

INCREASED SAFETY
TN Enclosures

TN Series: Increased Safety Terminal Enclosures

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

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

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



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



MAXIMUM TERMINAL BLOCK CONTENT

ENCLOSURE	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

- NOTES**
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)

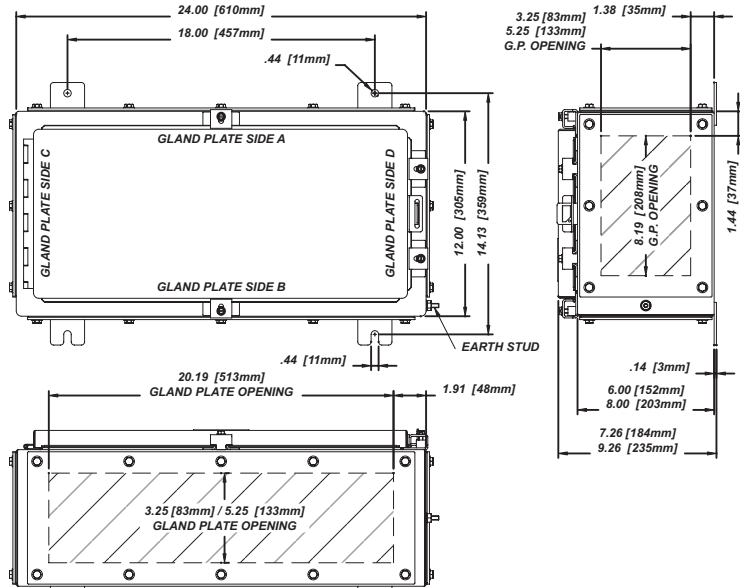
TN SERIES

INCREASED SAFETY
TN Enclosures

12" x 24" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS		
6" [152.4mm] Depth	Catalog Number	Gland Plate
	TN4X6-122406	None
	TN4X6-122406-B	Side B
	TN4X6-122406-AB	Sides A & B
	TN4X6-122406-BCD	Sides B, C & D
8" [203.2mm] Depth	TN4X6-122408	None
	TN4X6-122408-B	Side B
	TN4X6-122408-AB	Sides A & B
	TN4X6-122408-BCD	Sides B, C & D
	TN4X6-122408-ABCD	Sides A, B, C & D



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

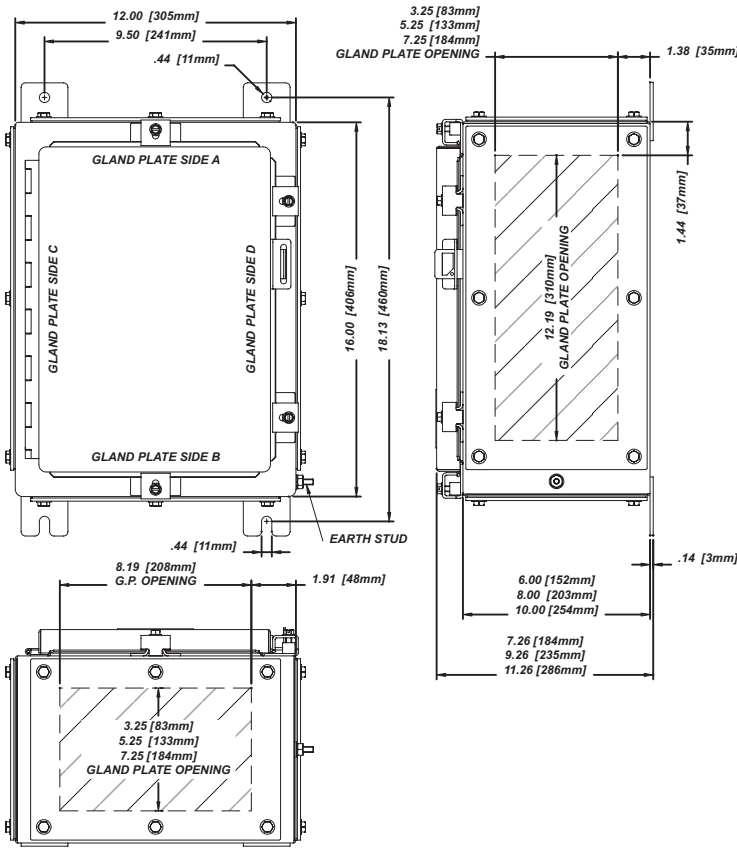
SIZE		WITHOUT GLAND PLATES						WITH GLAND PLATES					
NPT	Metric	Sides A & B			Sides C & D			Sides A & B			Sides C & D		
		06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	95	114	-	45	54	-	32	64	-	12	24	-
3/4	M20	64	80	-	32	40	-	26	39	-	10	15	-
1	M25	39	52	-	18	24	-	22	33	-	4	12	-
1 1/4	M32	20	30	-	10	15	-	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	36	20	x	x	x	x	x
	6mm ²	← 105 →				39	15	x	x	x	x	x
	10mm ²	← 85 →					38	12	x	x	x	x
	16mm ²	← 42 →						31	14	x	x	x
35mm ²	← 20 →									15		

- NOTES**
- 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 12" Clamped Door



STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	
Catalog Number	Gland Plate
TN4X6-161206	None
TN4X6-161206-B	Side B
TN4X6-161206-AB	Sides A & B
TN4X6-161206-BCD	Sides B, C & D
TN4X6-161206-ABCD	Sides A, B, C & D
6" [152.4mm] Depth	
TN4X6-161208	None
TN4X6-161208-B	Side B
TN4X6-161208-AB	Sides A & B
TN4X6-161208-BCD	Sides B, C & D
TN4X6-161208-ABCD	Sides A, B, C & D
8" [203.2mm] Depth	
TN4X6-161210	None
TN4X6-161210-B	Side B
TN4X6-161210-AB	Sides A & B
TN4X6-161210-BCD	Sides B, C & D
TN4X6-161210-ABCD	Sides A, B, C & D

INCREASED SAFETY
TN Enclosures

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

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

MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE	.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	x	x	x	x	x	
	6mm ²	← 68 →				37	14	x	x	x	x	
	10mm ²	← 54 →						36	12	x	x	
	16mm ²	← 22 →								30	14	x
35mm ²	x	x	x	x	x	x	x	x	x	x	x	

- NOTES**
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.

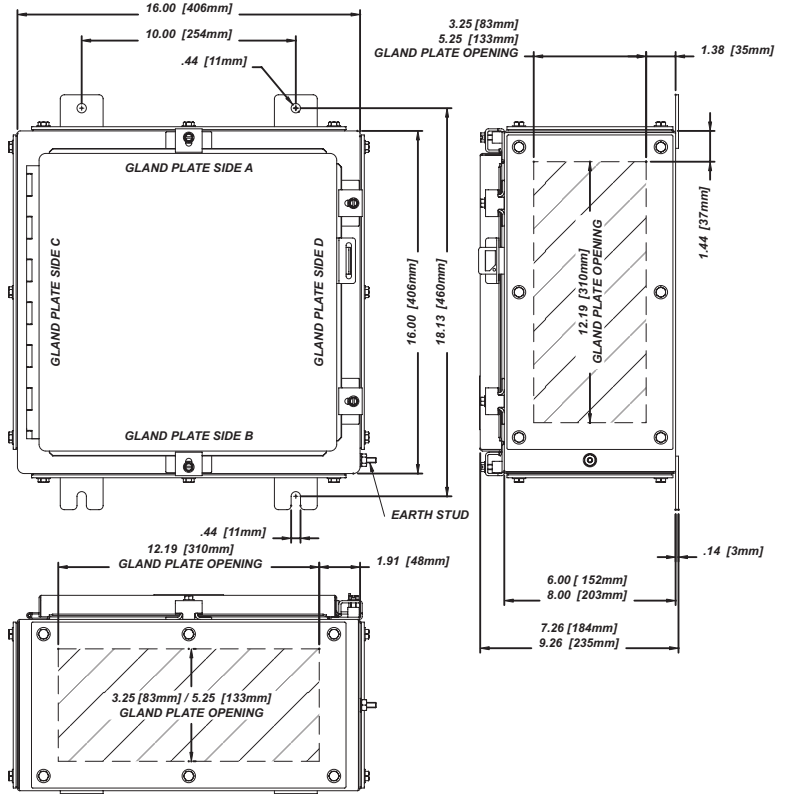
TN SERIES

INCREASED SAFETY
TN Enclosures

16" x 16" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	
6" (152.4mm) Depth	Catalog Number Gland Plate
	TN4X6-161606 None
	TN4X6-161606-B Side B
	TN4X6-161606-AB Sides A & B
	TN4X6-161606-BCD Sides B, C & D
8" (203.2mm) Depth	TN4X6-161608 None
	TN4X6-161608-B Side B
	TN4X6-161608-AB Sides A & B
	TN4X6-161608-BCD Sides B, C & D
	TN4X6-161608-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		
		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	-

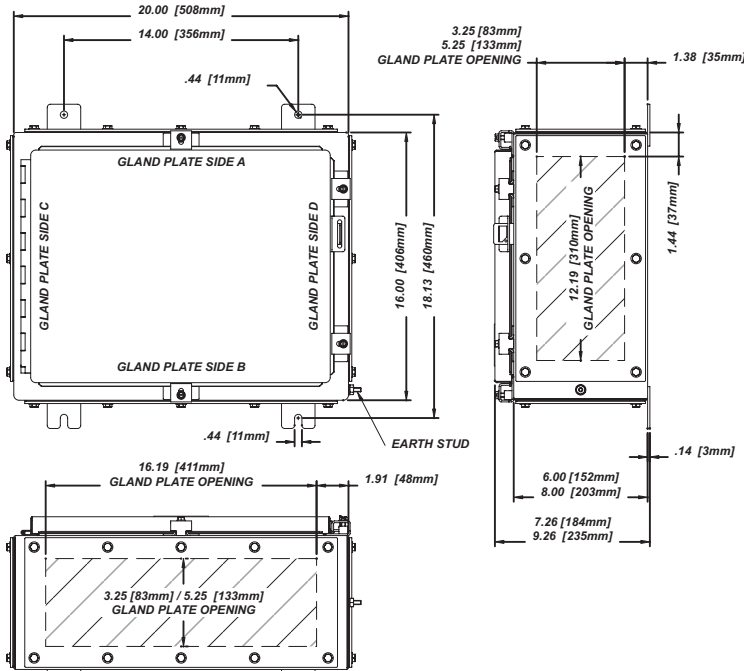
MAXIMUM TERMINAL BLOCK CONTENT

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	x
	10mm ²	← 81 →					40	13	x	x	x	x
	16mm ²	← 44 →						33	15	x	x	x
35mm ²	← 17 →										7	

- NOTES**
- 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

INCREASED SAFETY
TN Enclosures



STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	
Catalog Number	Gland Plate
TN4X6-162006	None
TN4X6-162006-B	Side B
TN4X6-162006-AB	Sides A & B
TN4X6-162006-BCD	Sides B, C & D
TN4X6-162006-ABCD	Sides A, B, C & D
TN4X6-162008	None
TN4X6-162008-B	Side B
TN4X6-162008-AB	Sides A & B
TN4X6-162008-BCD	Sides B, C & D
TN4X6-162008-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES						WITH GLAND PLATES					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	80	96	-	60	72	-	26	52	-	18	36	-
3/4	M20	52	65	-	40	50	-	22	33	-	16	24	-
1	M25	30	40	-	24	32	-	8	24	-	6	18	-
1 1/4	M32	16	24	-	12	18	-	7	14	-	5	10	-
1 1/2	M40	14	21	-	10	15	-	6	12	-	4	8	-
2	M50	12	12	-	8	8	-	5	5	-	3	3	-
2 1/2	M63	5	10	-	4	8	-	4	4	-	3	3	-

MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE	.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
35mm ²											←17→	

- NOTES**
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.

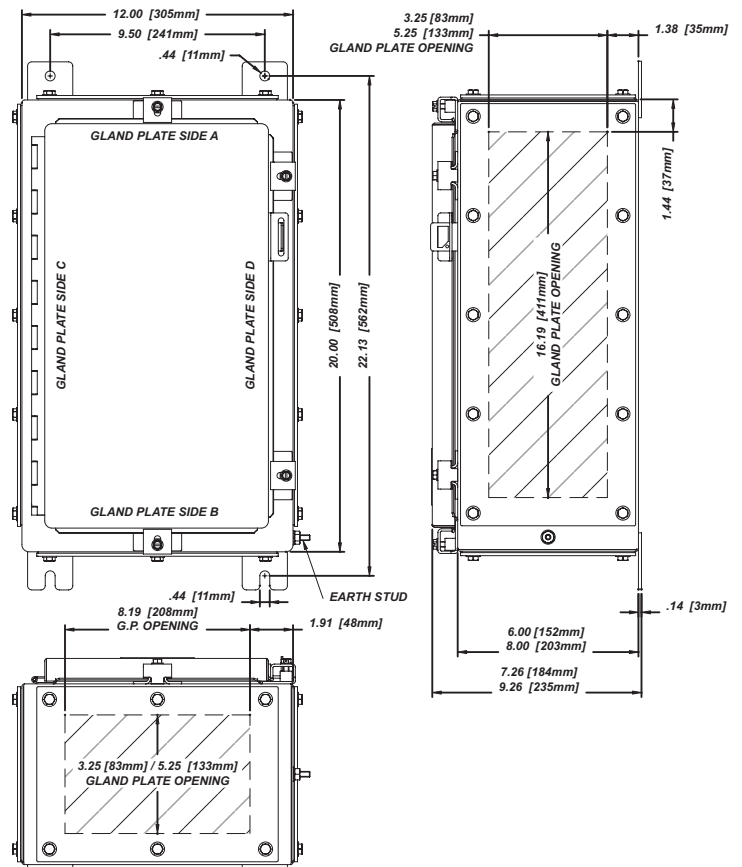
TN SERIES

INCREASED SAFETY
TN Enclosures

20" x 12" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS		
6" (152.4mm) Depth	Catalog Number	Gland Plate
	TN4X6-201206	None
	TN4X6-201206-B	Side B
	TN4X6-201206-AB	Sides A & B
	TN4X6-201206-BCD	Sides B, C & D
8" (203.2mm) Depth	Catalog Number	Gland Plate
	TN4X6-201208	None
	TN4X6-201208-B	Side B
	TN4X6-201208-AB	Sides A & B
	TN4X6-201208-BCD	Sides 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	24	-	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	x	

- NOTES**
- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
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 - 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.

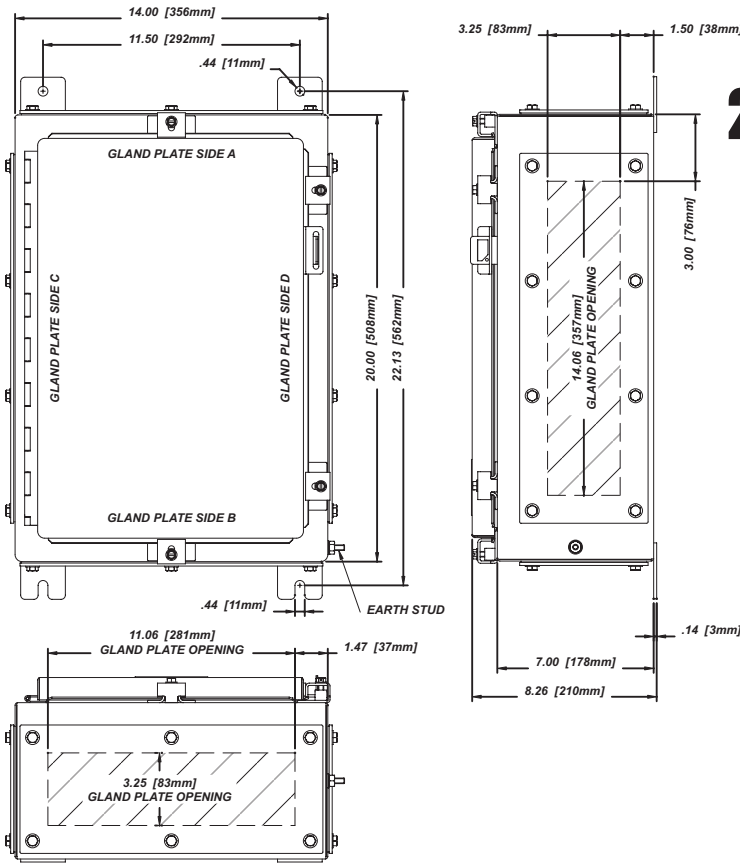
20" x 14" x 7" Clamped Door

INCREASED SAFETY
TN Enclosures

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS

7" [177.8mm] Depth	ENCLOSURES WITH TERMINALS	
	Catalog Number	Gland Plate
	TN4X6-201407	None
	TN4X6-201407-B	Side B
	TN4X6-201407-AB	Sides A & B
	TN4X6-201407-BCD	Sides B, C & D
TN4X6-201407-ABCD	Sides A, B, C & D	



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES		WITH GLAND PLATES	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	55	75	18	22
3/4	M20	36	48	14	18
1	M25	21	30	6	7
1 1/4	M32	12	16	4	6
1 1/2	M40	10	14	4	5
2	M50	8	10	3	4
2 1/2	M63	3	5	3	3

MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE	.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	← 222 →		33	19	x	x	x	x	x	x
	4mm ²	← 222 →		131	38	21	x	x	x	x	x
	6mm ²		← 141 →			41	16	x	x	x	x
	10mm ²			← 74 →			40	13	x	x	x
	16mm ²				← 62 →			33	15	x	x
35mm ²									← 23 →		16

- NOTES**
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.

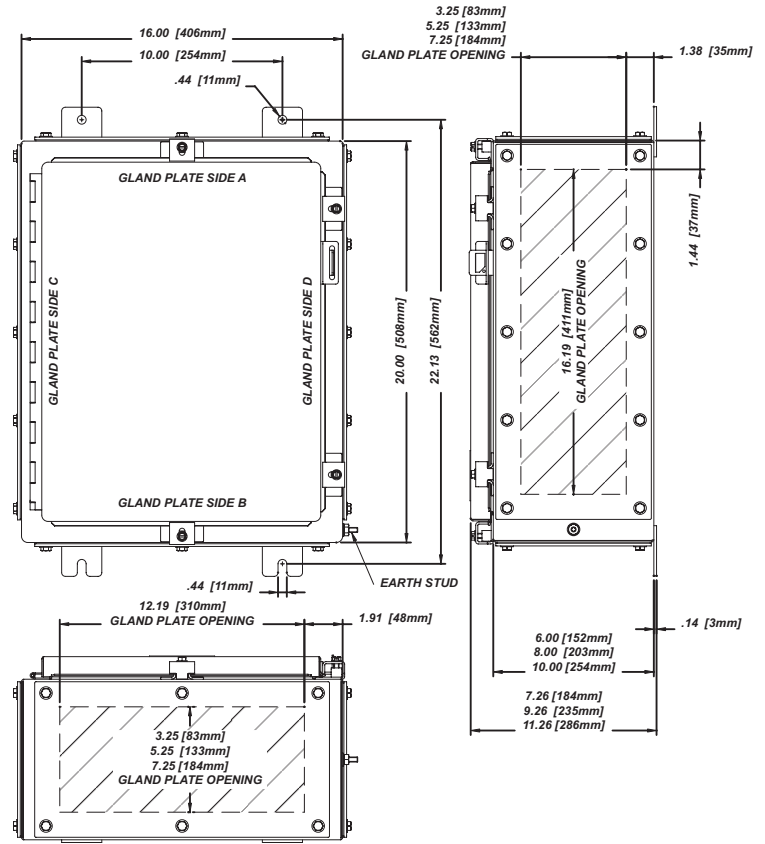
TN SERIES

INCREASED SAFETY
TN Enclosures

20" x 16" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	
6" [152.4mm] Depth	Catalog Number Gland Plate
	TN4X6-201606 None
	TN4X6-201606-B Side B
	TN4X6-201606-AB Sides A & B
	TN4X6-201606-BCD Sides B, C & D
TN4X6-201606-ABCD Sides A, B, C & D	
8" [203.2mm] Depth	TN4X6-201608 None
	TN4X6-201608-B Side B
	TN4X6-201608-AB Sides A & B
	TN4X6-201608-BCD Sides B, C & D
	TN4X6-201608-ABCD Sides A, B, C & D
10" [254.0mm] Depth	TN4X6-201610 None
	TN4X6-201610-B Side B
	TN4X6-201610-AB Sides A & B
	TN4X6-201610-BCD Sides B, C & D
	TN4X6-201610-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	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

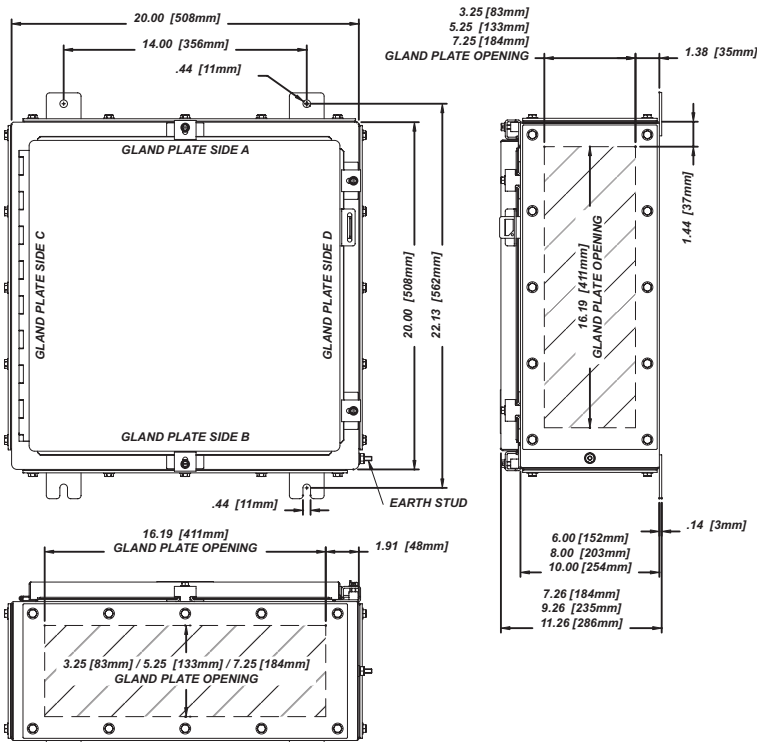
MAXIMUM TERMINAL BLOCK CONTENT

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	x
	10mm ²	←111→					42	13	x	x	x	x
	16mm ²	←62→						35	16	x	x	x
35mm ²	←23→										17	

- NOTES**
- 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

INCREASED SAFETY
TN Enclosures



STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	
Catalog Number	Gland Plate
TN4X6-202006	None
TN4X6-202006-B	Side B
TN4X6-202006-AB	Sides A & B
TN4X6-202006-BCD	Sides B, C & D
TN4X6-202006-ABCD	Sides A, B, C & D
TN4X6-202008	None
TN4X6-202008-B	Side B
TN4X6-202008-AB	Sides A & B
TN4X6-202008-BCD	Sides B, C & D
TN4X6-202008-ABCD	Sides A, B, C & D
TN4X6-202010	None
TN4X6-202010-B	Side B
TN4X6-202010-AB	Sides A & B
TN4X6-202010-BCD	Sides B, C & D
TN4X6-202010-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES						WITH GLAND PLATES					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	80	96	128	75	90	120	26	52	78	26	52	78
3/4	M20	52	65	78	48	60	72	22	33	55	22	33	55
1	M25	30	40	50	30	40	50	8	24	32	8	24	32
1 1/4	M32	16	24	32	16	24	32	7	14	21	7	14	21
1 1/2	M40	14	21	28	14	21	28	6	12	12	6	12	12
2	M50	12	12	18	10	10	15	5	5	12	5	5	10
2 1/2	M63	5	10	10	5	10	10	4	4	8	4	4	8

MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE	.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	

- NOTES**
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.

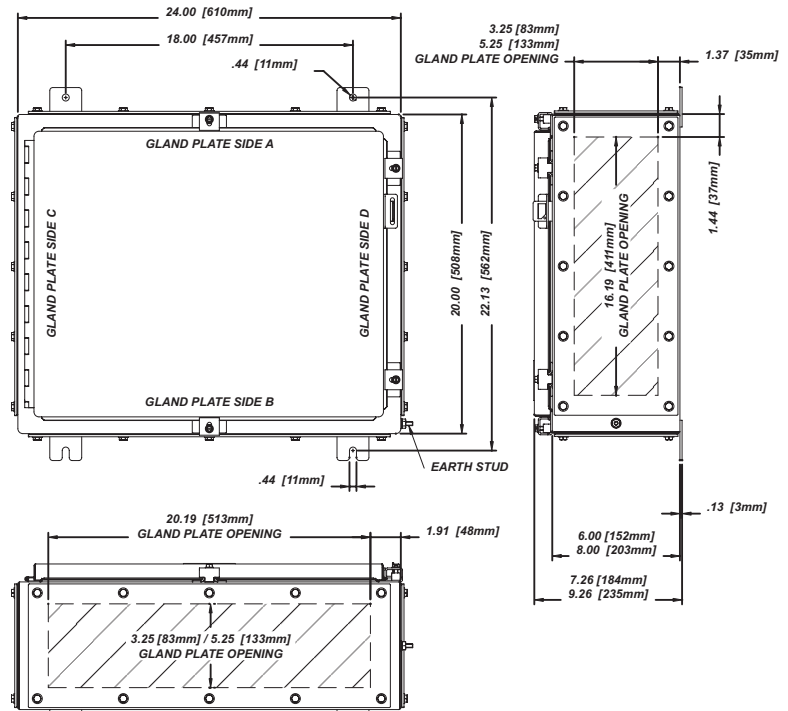
TN SERIES

INCREASED SAFETY
TN Enclosures

20" x 24" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	
6" [152.4mm] Depth	Catalog Number Gland Plate
	TN4X6-202406 None
	TN4X6-202406-B Side B
	TN4X6-202406-AB Sides A & B
	TN4X6-202406-BCD Sides B, C & D
8" [203.2mm] Depth	TN4X6-202408 None
	TN4X6-202408-B Side B
	TN4X6-202408-AB Sides A & B
	TN4X6-202408-BCD Sides B, C & D
	TN4X6-202408-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	80	96	-	90	108	-	32	64	-	26	52	-
3/4	M20	52	65	-	60	75	-	26	39	-	22	33	-
1	M25	30	40	-	36	48	-	11	33	-	8	24	-
1 1/4	M32	16	24	-	18	27	-	8	16	-	7	14	-
1 1/2	M40	14	21	-	16	24	-	7	14	-	6	12	-
2	M50	12	12	-	14	14	-	6	6	-	5	5	-
2 1/2	M63	5	10	-	6	12	-	5	5	-	4	4	-

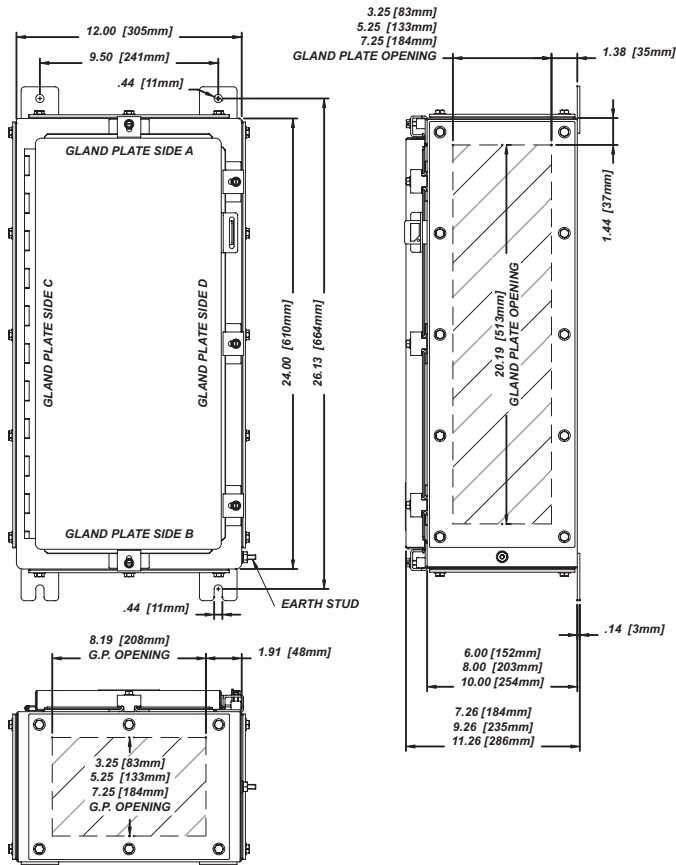
MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE		.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	←370→			40	23	x	x	x	x	x	x
	4mm ²	←370→			157	45	25	x	x	x	x	x
	6mm ²	←235→				49	19	x	x	x	x	x
	10mm ²	←185→					48	15	x	x	x	x
	16mm ²	←93→						40	18	x	x	x
35mm ²	←46→									19		

- NOTES**
- 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.
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24" x 12" Clamped Door

INCREASED SAFETY
TN Enclosures



STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	
Catalog Number	Gland Plate
TN4X6-241206	None
TN4X6-241206-B	Side B
TN4X6-241206-AB	Sides A & B
TN4X6-241206-BCD	Sides B, C & D
TN4X6-241206-ABCD	Sides A, B, C & D
TN4X6-241208	None
TN4X6-241208-B	Side B
TN4X6-241208-AB	Sides A & B
TN4X6-241208-BCD	Sides B, C & D
TN4X6-241208-ABCD	Sides A, B, C & D
TN4X6-241210	None
TN4X6-241210-B	Side B
TN4X6-241210-AB	Sides A & B
TN4X6-241210-BCD	Sides B, C & D
TN4X6-241210-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES						WITH GLAND PLATES					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	45	54	72	90	108	144	12	24	36	32	64	96
3/4	M20	32	40	48	60	75	90	10	15	25	26	39	65
1	M25	18	24	30	36	48	60	4	12	16	11	33	44
1 1/4	M32	10	15	20	18	27	36	3	6	9	8	16	24
1 1/2	M40	8	12	16	16	24	32	3	6	6	7	14	14
2	M50	6	6	9	14	14	21	2	2	4	6	6	12
2 1/2	M63	3	6	6	6	12	12	2	2	4	5	5	10

MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE	.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
Terminal Block Size	1.5mm ²	← 99 →	48	x	x	x	x	x
	2.5mm ²	← 190 →	32	18	x	x	x	x
	4mm ²	← 190 →	124	36	20	x	x	x
	6mm ²	← 120 →			39	15	x	x
	10mm ²	← 96 →				38	12	x
	16mm ²	← 39 →					31	14
35mm ²	x	x	x	x	x	x	x	

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

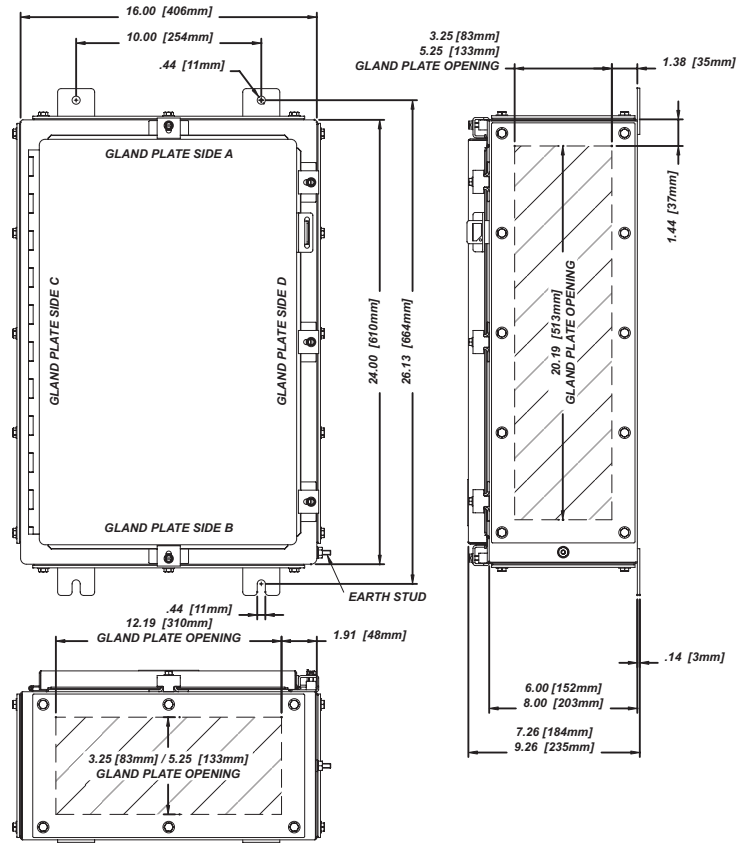
4. For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

TN SERIES

24" x 16" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	
Catalog Number	Gland Plate
TN4X6-241606	None
TN4X6-241606-B	Side B
TN4X6-241606-AB	Sides A & B
TN4X6-241606-BCD	Sides B, C & D
TN4X6-241606-ABCD	Sides A, B, C & D
TN4X6-241608	None
TN4X6-241608-B	Side B
TN4X6-241608-AB	Sides A & B
TN4X6-241608-BCD	Sides B, C & D
TN4X6-241608-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	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	-

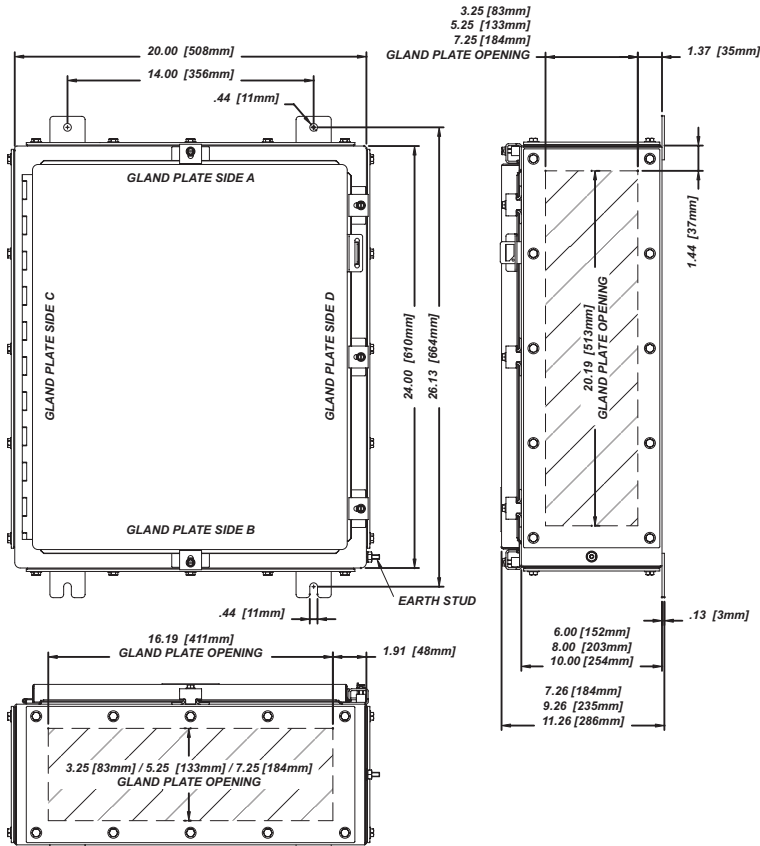
MAXIMUM TERMINAL BLOCK CONTENT

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	x
	10mm ²	←144→					44	14	x	x	x	x
	16mm ²	←78→						36	17	x	x	x
	35mm ²	←29→										17

- NOTES**
- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
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 - 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

INCREASED SAFETY
TN Enclosures



STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS		
Catalog Number	Gland Plate	
6" [152.4mm] Depth	TN4X6-242006	None
	TN4X6-242006-B	Side B
	TN4X6-242006-AB	Sides A & B
	TN4X6-242006-BCD	Sides B, C & D
	TN4X6-242006-ABCD	Sides A, B, C & D
8" [203.2mm] Depth	TN4X6-242008	None
	TN4X6-242008-B	Side B
	TN4X6-242008-AB	Sides A & B
	TN4X6-242008-BCD	Sides B, C & D
10" [254.0mm] Depth	TN4X6-242010	None
	TN4X6-242010-B	Side B
	TN4X6-242010-AB	Sides A & B
	TN4X6-242010-BCD	Sides 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		
		06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	80	96	128	90	108	144	26	52	78	32	64	96
3/4	M20	52	65	78	60	75	90	22	33	55	26	39	65
1	M25	30	40	50	36	48	60	8	24	32	11	33	44
1 1/4	M32	16	24	32	18	27	36	7	14	21	8	16	24
1 1/2	M40	14	21	28	16	24	32	6	12	12	7	14	14
2	M50	12	12	18	14	14	21	5	5	10	6	6	12
2 1/2	M63	5	10	10	6	12	12	4	4	8	5	5	10

MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE	.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

- NOTES**
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.

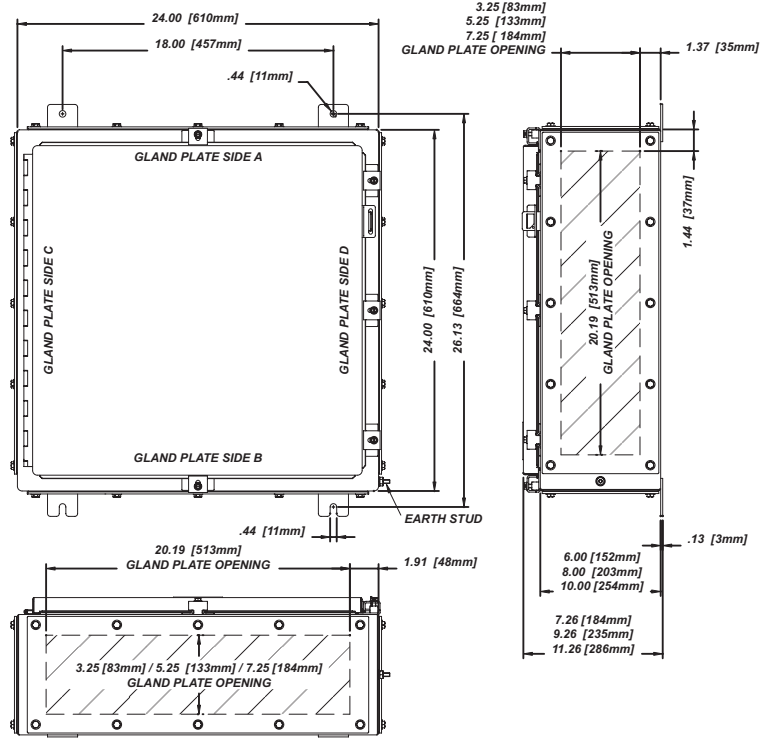
TN SERIES

INCREASED SAFETY
TN Enclosures

24" x 24" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS		
	Gland Plate	
6" [152.4mm] Depth	Catalog Number	
	TN4X6-242406	None
	TN4X6-242406-B	Side B
	TN4X6-242406-AB	Sides A & B
	TN4X6-242406-BCD	Sides B, C & D
8" [203.2mm] Depth	TN4X6-242408	None
	TN4X6-242408-B	Side B
	TN4X6-242408-AB	Sides A & B
	TN4X6-242408-BCD	Sides B, C & D
	TN4X6-242408-ABCD	Sides A, B, C & D
10" [254.0mm] Depth	TN4X6-242410	None
	TN4X6-242410-B	Side B
	TN4X6-242410-AB	Sides A & B
	TN4X6-242410-BCD	Sides B, C & D
	TN4X6-242410-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	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

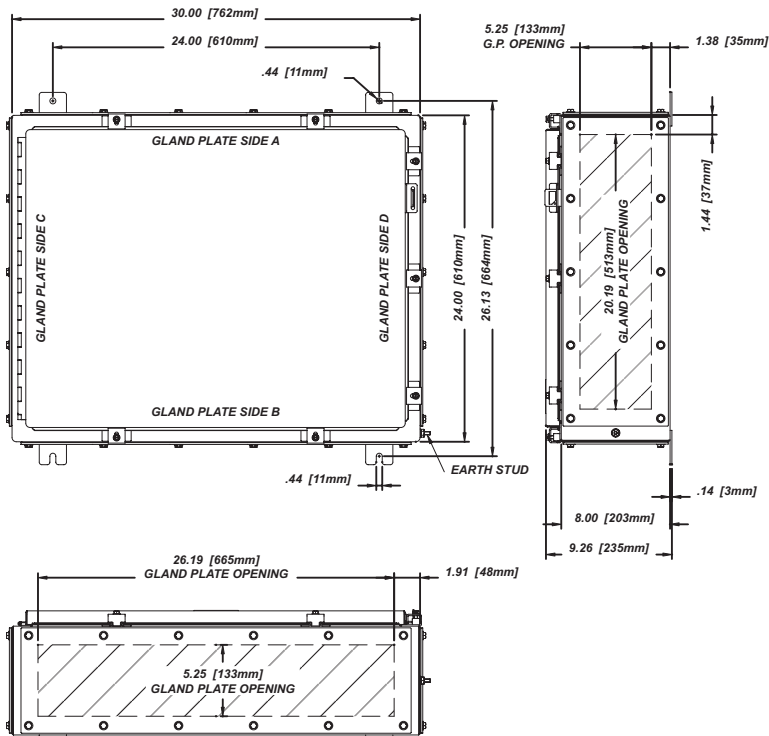
MAXIMUM TERMINAL BLOCK CONTENT

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	x
	10mm ²	←240→					51	17	x	x	x	x
	16mm ²	←117→						42	20	x	x	x
35mm ²	←58→										20	

- NOTES**
- 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 30" Clamped Door

INCREASED SAFETY
TN Enclosures



STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	
Catalog Number	Gland Plate
TN4X6-243008	None
TN4X6-243008-B	Side B
TN4X6-243008-AB	Sides A & B
TN4X6-243008-BCD	Sides 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										84	22	

- NOTES**
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.

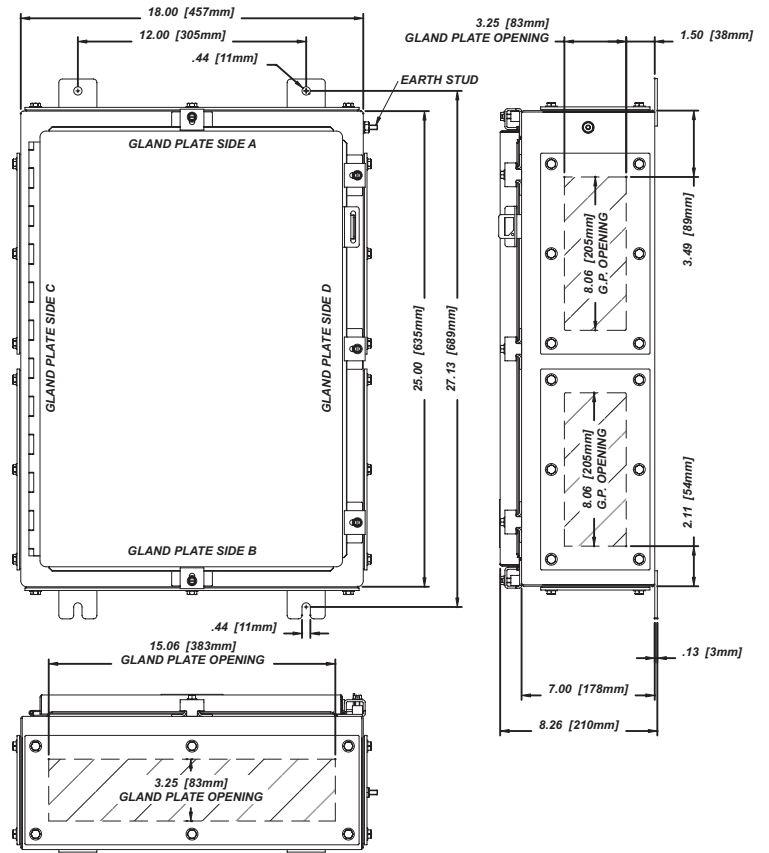
TN SERIES

INCREASED SAFETY
TN Enclosures

25" x 18" x 7" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS		
7" (177.8mm) Depth	Catalog Number	Gland Plate
	TN4X6-251807	None
	TN4X6-251807-B	Side B
	TN4X6-251807-AB	Sides A & B
	TN4X6-251807-BCD	Sides B, C & D
TN4X6-251807-ABCD	Sides A, B, C & D	



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES		WITH GLAND PLATES ⁶	
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	←121→		58	x	x	x	x	x	x	x	
	2.5mm ²	←400→			39	22	x	x	x	x	x	
	4mm ²	←400→			151	44	25	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		

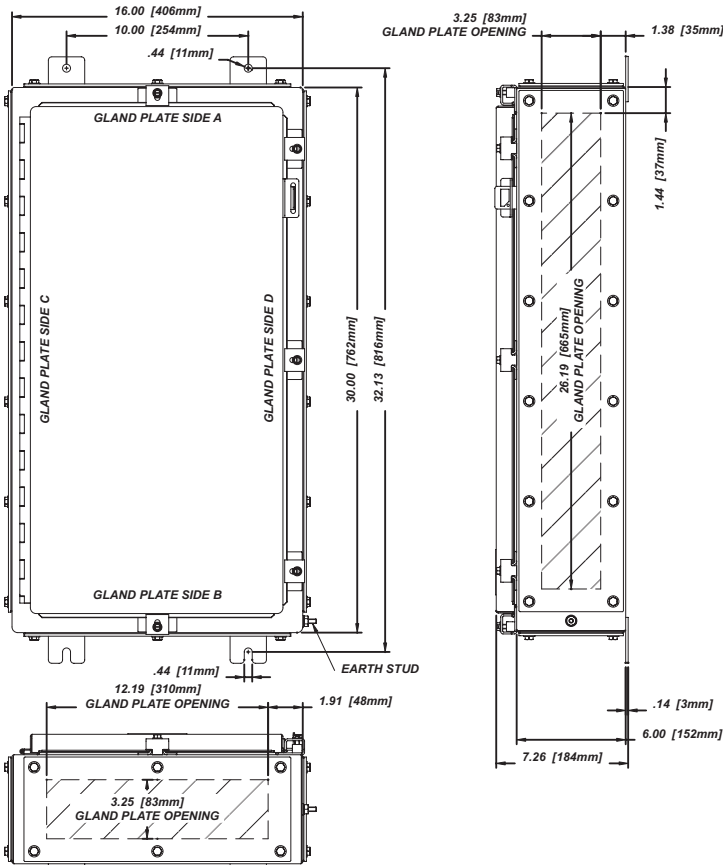
- NOTES**
- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
 - The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
 - For applications requiring multiple terminal block configurations and ampacities, consult 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.
 - There are (2) gland plates on each side, quantity shown is for (1) plate.

30" x 16" Clamped Door

INCREASED SAFETY
TN Enclosures

STAINLESS STEEL 316L

6" [152.4mm] Depth	ENCLOSURES WITH TERMINALS	
	Catalog Number	Gland Plate
	TN4X6-301606	None
	TN4X6-301606-B	Side B
	TN4X6-301606-AB	Sides A & B
	TN4X6-301606-BCD	Sides B, C & D
TN4X6-301606-ABCD	Sides A, B, C & D	



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES						WITH GLAND PLATES					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	65	-	-	120	-	-	18	-	-	42	-	-
3/4	M20	40	-	-	80	-	-	16	-	-	34	-	-
1	M25	24	-	-	48	-	-	6	-	-	14	-	-
1 1/4	M32	12	-	-	24	-	-	5	-	-	11	-	-
1 1/2	M40	12	-	-	22	-	-	4	-	-	10	-	-
2	M50	10	-	-	18	-	-	3	-	-	8	-	-
2 1/2	M63	4	-	-	7	-	-	3	-	-	7	-	-

MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE	.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	←117→	56	x	x	x	x	x	x	x	x		
	2.5mm ²	←375→		37	22	x	x	x	x	x	x		
	4mm ²	←375→		146	42	24	x	x	x	x	x		
	6mm ²		←237→			46	18	x	x	x	x		
	10mm ²			←189→				45	14	x	x	x	
	16mm ²				←104→					37	17	x	x
35mm ²												←39→	18

- NOTES**
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.

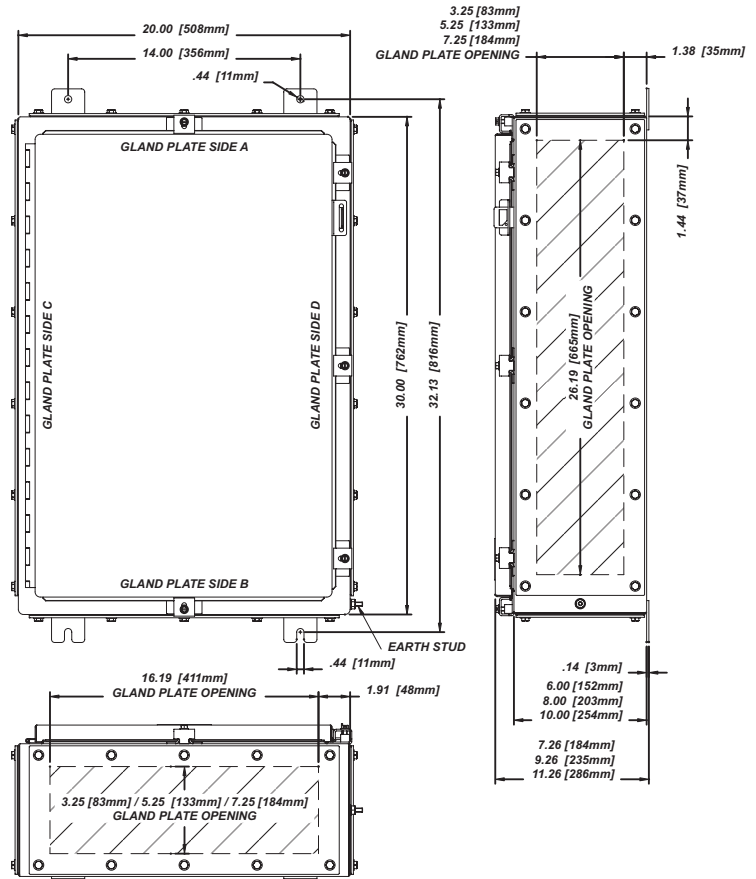
TN SERIES

30" x 20" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS

Depth	ENCLOSURES WITH TERMINALS	
	Catalog Number	Gland Plate
6" [152.4mm]	TN4X6-302006	None
	TN4X6-302006-B	Side B
	TN4X6-302006-AB	Sides A & B
	TN4X6-302006-BCD	Sides B, C & D
	TN4X6-302006-ABCD	Sides A, B, C & D
8" [203.2mm]	TN4X6-302008	None
	TN4X6-302008-B	Side B
	TN4X6-302008-AB	Sides A & B
	TN4X6-302008-BCD	Sides B, C & D
	TN4X6-302008-ABCD	Sides A, B, C & D
10" [254.0mm]	TN4X6-302010	None
	TN4X6-302010-B	Side B
	TN4X6-302010-AB	Sides A & B
	TN4X6-302010-BCD	Sides B, C & D
	TN4X6-302010-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	80	96	128	120	144	192	26	52	78	42	84	126
3/4	M20	52	65	78	80	100	120	22	33	55	34	51	85
1	M25	30	40	50	48	64	80	8	24	32	14	42	56
1 1/4	M32	16	24	32	24	36	48	7	14	21	14	22	33
1 1/2	M40	14	21	28	22	33	44	6	12	12	10	20	30
2	M50	12	12	18	18	18	27	5	5	10	8	8	16
2 1/2	M63	5	10	10	7	14	14	4	4	8	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	80	100
Terminal Block Size	1.5mm	←131→		64	x	x	x	x	x	x	x	x
	2.5mm ²	←500→			42	24	x	x	x	x	x	x
	4mm ²	←500→			165	47	27	x	x	x	x	x
	6mm ²	←316→				52	20	x	x	x	x	x
	10mm ²	←252→					50	16	x	x	x	x
	16mm ²	←156→						42	19	x	x	x
35mm ²	←39→										20	

- NOTES**
- 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

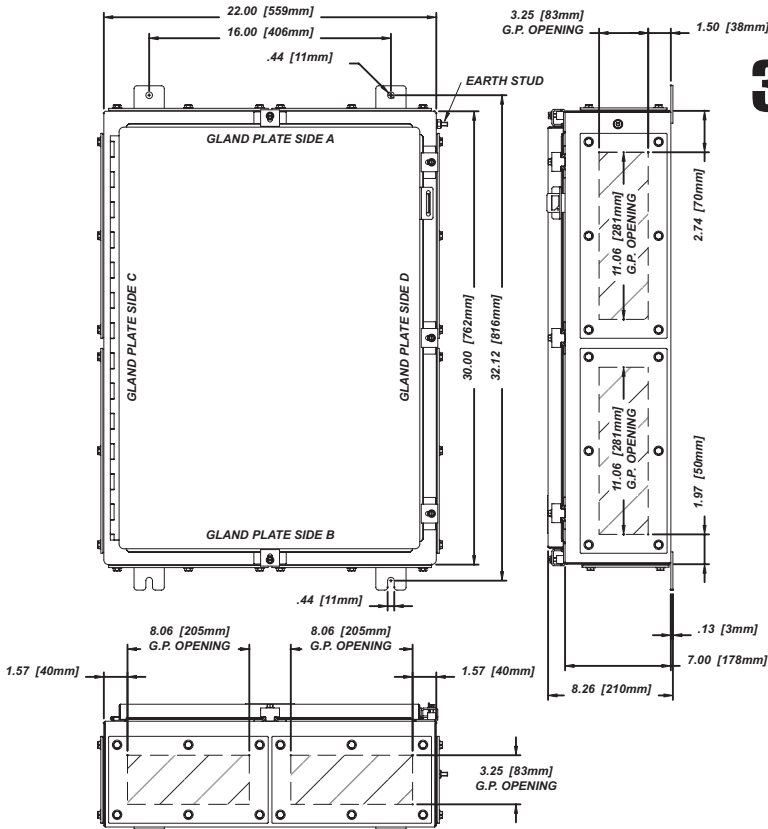
30" x 22" x 7" Clamped Door

INCREASED SAFETY
TN Enclosures

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS

7" [178mm] Depth	ENCLOSURES WITH TERMINALS	
	Catalog Number	Gland Plate
	TN4X6-302207	None
	TN4X6-302207-B	Side B
	TN4X6-302207-AB	Sides A & B
	TN4X6-302207-BCD	Sides B, C & D
TN4X6-302207-ABCD	Sides A, B, C & D	



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES		WITH GLAND PLATES ⁶	
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	4	6
1 1/4	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	x
	4mm ²	← 625 →	172	50	28	x	x	x	x	x	x
	6mm ²	← 395 →			54	21	x	x	x	x	x
	10mm ²	← 252 →				53	17	x	x	x	x
	16mm ²	← 156 →					44	20	x	x	x
35mm ²								← 78 →			21

- NOTES**
- 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.
 - There are (2) gland plates on each side, quantity shown is for (1) plate.

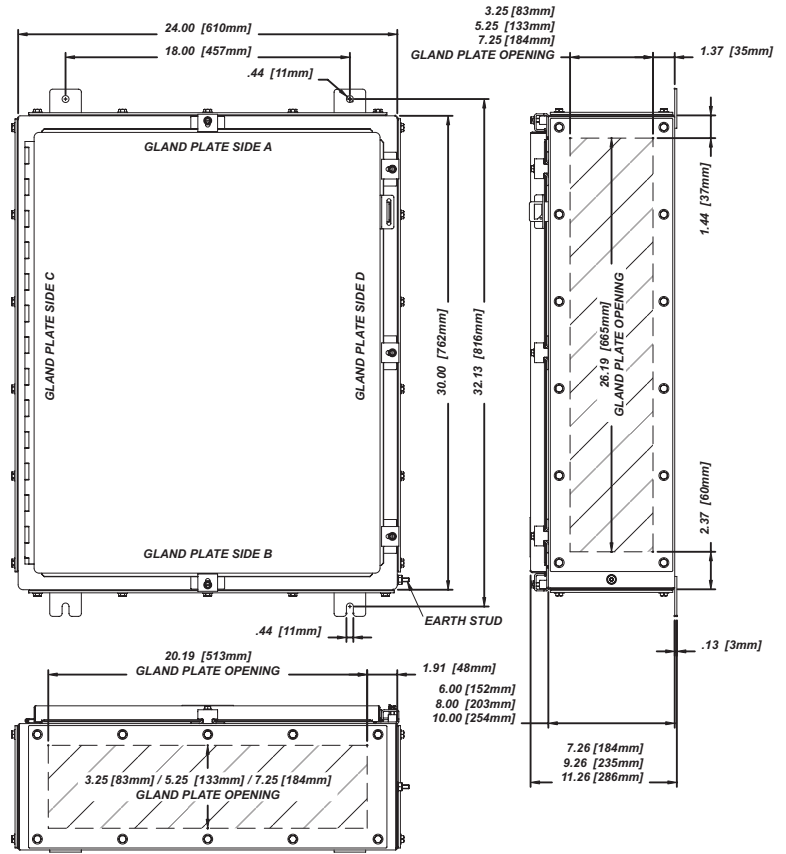
TN SERIES

30" x 24" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS

Depth	ENCLOSURES WITH TERMINALS	
	Catalog Number	Gland Plate
6" [152.4mm]	TN4X6-302406	None
	TN4X6-302406-B	Side B
	TN4X6-302406-AB	Sides A & B
	TN4X6-302406-BCD	Sides B, C & D
	TN4X6-302406-ABCD	Sides A, B, C & D
8" [203.2mm]	TN4X6-302408	None
	TN4X6-302408-B	Side B
	TN4X6-302408-AB	Sides A & B
	TN4X6-302408-BCD	Sides B, C & D
	TN4X6-302408-ABCD	Sides A, B, C & D
10" [254.0mm]	TN4X6-302410	None
	TN4X6-302410-B	Side B
	TN4X6-302410-AB	Sides A & B
	TN4X6-302410-BCD	Sides B, C & D
	TN4X6-302410-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	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

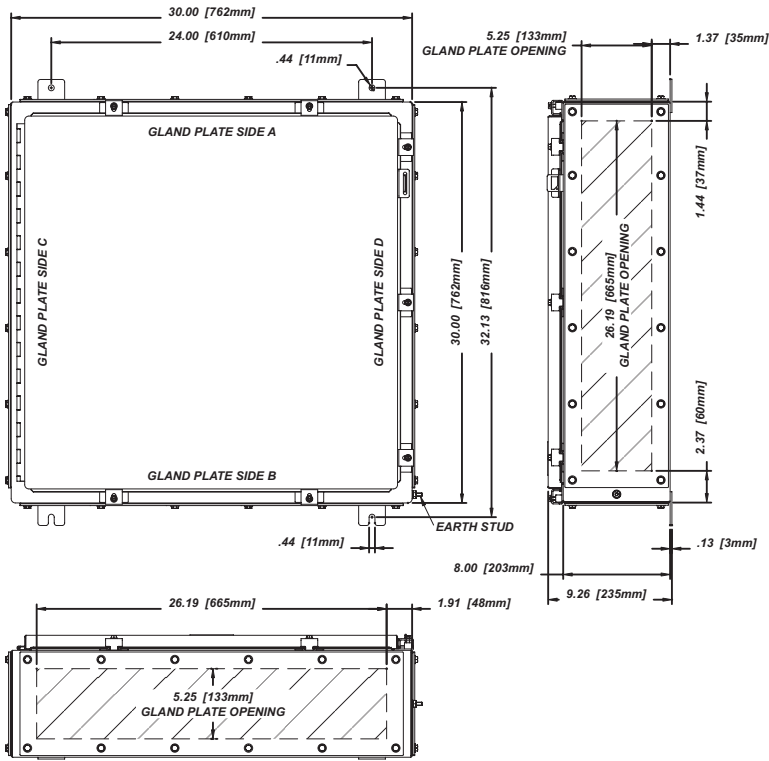
MAXIMUM TERMINAL BLOCK CONTENT

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	80	100
Terminal Block Size	1.5mm	←143→		69	x	x	x	x	x	x	x	x
	2.5mm ²	←625→			46	27	x	x	x	x	x	x
	4mm ²	←625→			179	52	29	x	x	x	x	x
	6mm ²	←395→				56	22	x	x	x	x	x
	10mm ²	←315→					55	18	x	x	x	x
	16mm ²	←156→						45	21	x	x	x
35mm ²	← 78 →										22	

- NOTES**
- 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

INCREASED SAFETY
TN Enclosures



STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS		
8" [203.2mm] Depth	Catalog Number	Gland Plate
	TN4X6-303008	None
	TN4X6-303008-B	Side B
	TN4X6-303008-AB	Sides A & B
	TN4X6-303008-BCD	Sides B, C & D
TN4X6-303008-ABCD	Sides A, B, C & D	

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES						WITH GLAND PLATES					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	-	144	-	-	138	-	-	84	-	-	84	-
3/4	M20	-	100	-	-	95	-	-	51	-	-	51	-
1	M25	-	64	-	-	60	-	-	42	-	-	42	-
1 1/4	M32	-	36	-	-	36	-	-	22	-	-	22	-
1 1/2	M40	-	33	-	-	33	-	-	20	-	-	20	-
2	M50	-	18	-	-	16	-	-	8	-	-	8	-
2 1/2	M63	-	14	-	-	14	-	-	7	-	-	7	-

MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE	.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	24	x	x	x	x
	10mm ²			←378→			60	19	x	x	x
	16mm ²				←260→			50	23	x	x
35mm ²										92	24

- NOTES**
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.

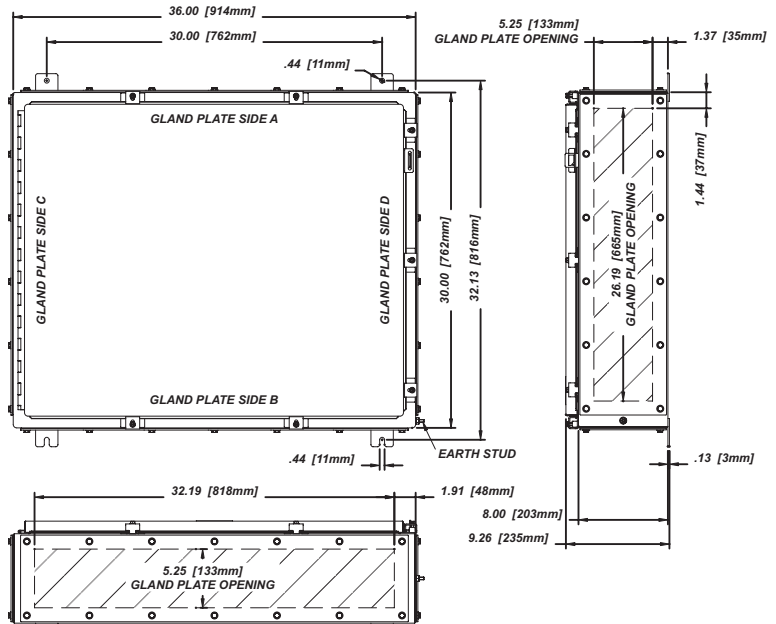
TN SERIES

INCREASED SAFETY TN Enclosures

30" x 36" Clamped Door

STAINLESS STEEL 316L

8" (203.2mm) Depth	ENCLOSURES WITH TERMINALS	
	Catalog Number	Gland Plate
	TN4X6-303608	None
	TN4X6-303608-B	Side B
	TN4X6-303608-AB	Sides A & B
	TN4X6-303608-BCD	Sides B, C & D
TN4X6-303608-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	-	-	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	-

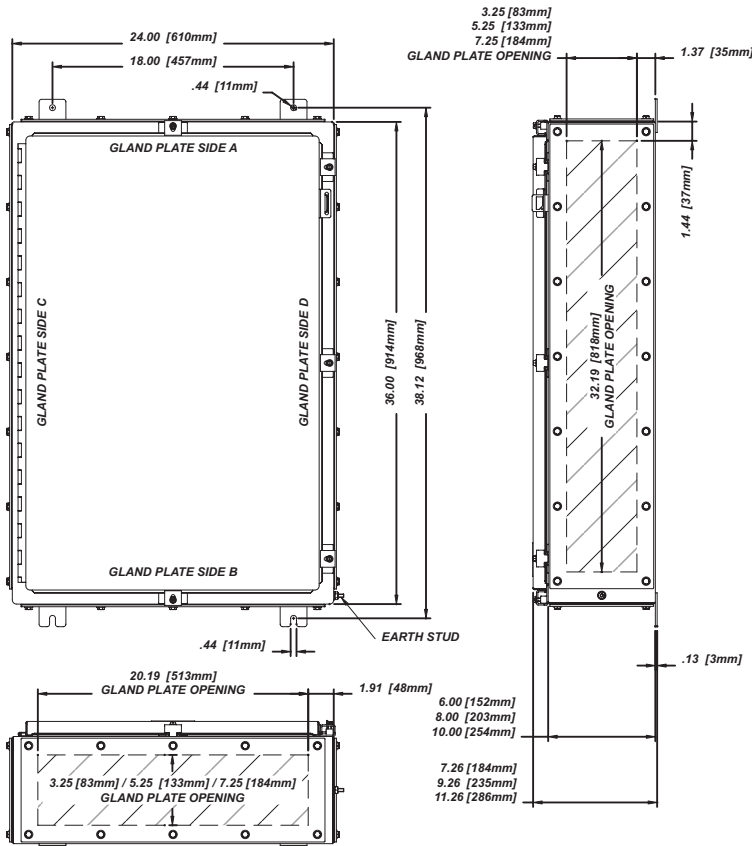
MAXIMUM TERMINAL BLOCK CONTENT

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	←1000→			53	31	x	x	x	x	x	x
	4mm ²	←1000→			208	60	34	x	x	x	x	x
	6mm ²	←632→				66	25	x	x	x	x	x
	10mm ²	←441→					64	21	x	x	x	x
	16mm ²	←312→						53	24	x	x	x
	35mm ²	←117→								97	25	

- NOTES**
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

INCREASED SAFETY
TN Enclosures



STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS		
Depth	Gland Plate	
6" [152.4mm]	Catalog Number	
	TN4X6-362406	None
	TN4X6-362406-B	Side B
	TN4X6-362406-AB	Sides A & B
	TN4X6-362406-BCD	Sides B, C & D
8" [203.2mm]	TN4X6-362406-ABCD	Sides A, B, C & D
	TN4X6-362408	None
	TN4X6-362408-B	Side B
	TN4X6-362408-AB	Sides A & B
	TN4X6-362408-BCD	Sides B, C & D
10" [254.0mm]	TN4X6-362408-ABCD	Sides A, B, C & D
	TN4X6-362410	None
	TN4X6-362410-B	Side B
	TN4X6-362410-AB	Sides A & B
	TN4X6-362410-BCD	Sides 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	30	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											88	23

- NOTES**
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.

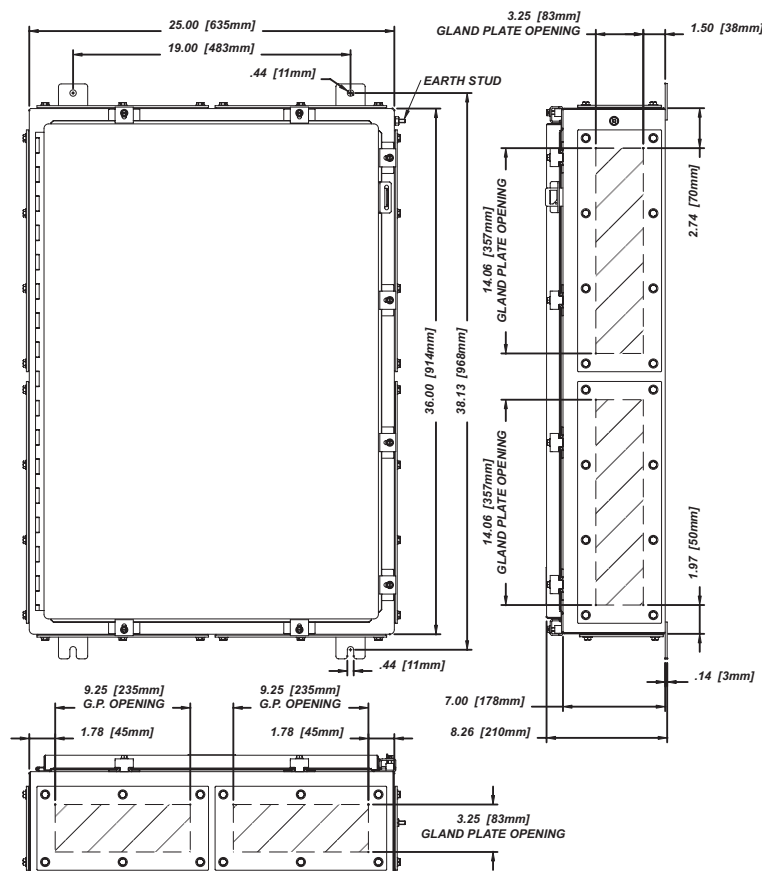
TN SERIES

INCREASED SAFETY
TN Enclosures

36" x 25" x 7" Clamped Door

STAINLESS STEEL 316L

7" (177.8mm) Depth	ENCLOSURES WITH TERMINALS	
	Catalog Number	Gland Plate
	TN4X6-362507	None
	TN4X6-362507-B	Side B
	TN4X6-362507-AB	Sides A & B
	TN4X6-362507-BCD	Sides B, C & D
TN4X6-362507-ABCD	Sides A, B, C & D	



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES		WITH GLAND PLATES ⁶	
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	
	2.5mm ²	←936→			49	28	x	x	x	x	x	
	4mm ²	←936→			190	55	31	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		

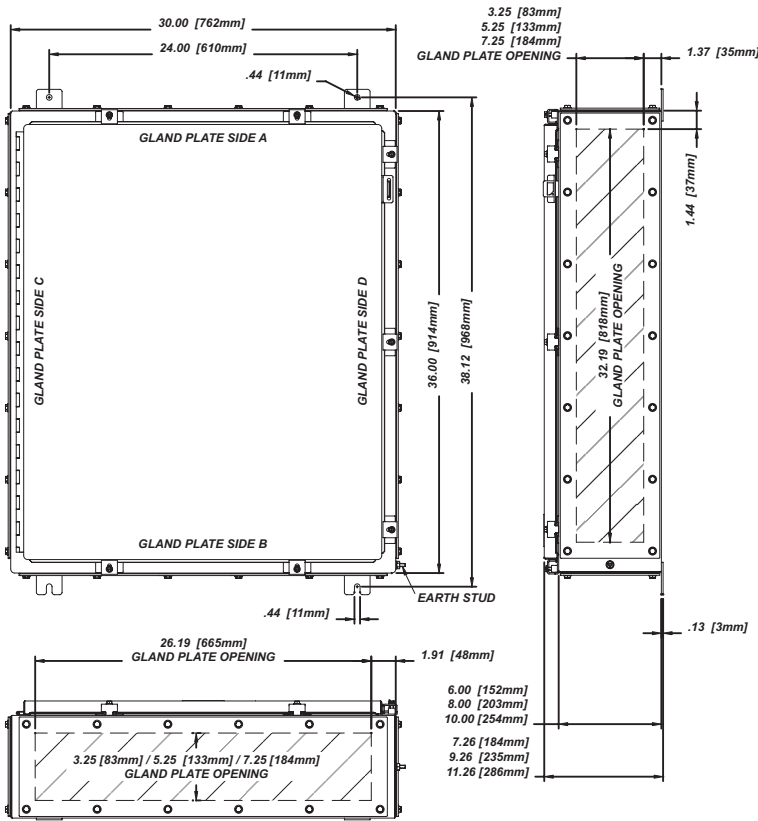
- NOTES**
- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
 - The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
 - For applications requiring multiple terminal block configurations and ampacities, consult 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.
 - There are (2) gland plates on each side, quantity shown is for (1) plate.

36" x 30" Clamped Door

INCREASED SAFETY
TN Enclosures

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	
Catalog Number	Gland Plate
TN4X6-363006	None
TN4X6-363006-B	Side B
TN4X6-363006-AB	Sides A & B
TN4X6-363006-BCD	Sides B, C & D
TN4X6-363006-ABCD	Sides A, B, C & D
TN4X6-363008	None
TN4X6-363008-B	Side B
TN4X6-363008-AB	Sides A & B
TN4X6-363008-BCD	Sides B, C & D
TN4X6-363008-ABCD	Sides A, B, C & D
TN4X6-363010	None
TN4X6-363010-B	Side B
TN4X6-363010-AB	Sides A & B
TN4X6-363010-BCD	Sides B, C & D
TN4X6-363010-ABCD	Sides A, B, C & D



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES						WITH GLAND PLATES					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	120	144	192	140	168	224	42	84	126	50	100	150
3/4	M20	80	100	120	92	115	138	34	51	85	42	63	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	
	16mm ²				←325→					53	24	x
35mm ²											97	25

- NOTES**
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.

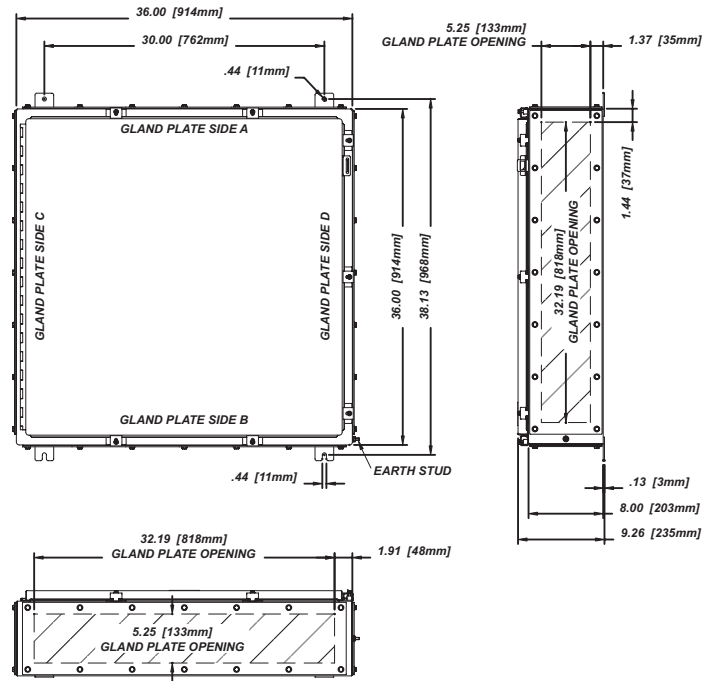
TN SERIES

INCREASED SAFETY
TN Enclosures

36" x 36" Clamped Door

STAINLESS STEEL 316L

8" (203.2mm) Depth	ENCLOSURES WITH TERMINALS	
	Catalog Number	Gland Plate
	TN4X6-363608	None
	TN4X6-363608-B	Side B
	TN4X6-363608-AB	Sides A & B
	TN4X6-363608-BCD	Sides B, C & D
	TN4X6-363608-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	-	-	168	-	-	100	-	-	100	-
3/4	M20	-	120	-	-	115	-	-	63	-	-	63	-
1	M25	-	76	-	-	72	-	-	51	-	-	51	-
1 1/4	M32	-	45	-	-	42	-	-	26	-	-	26	-
1 1/2	M40	-	39	-	-	39	-	-	24	-	-	24	-
2	M50	-	20	-	-	20	-	-	9	-	-	9	-
2 1/2	M63	-	18	-	-	18	-	-	8	-	-	8	-

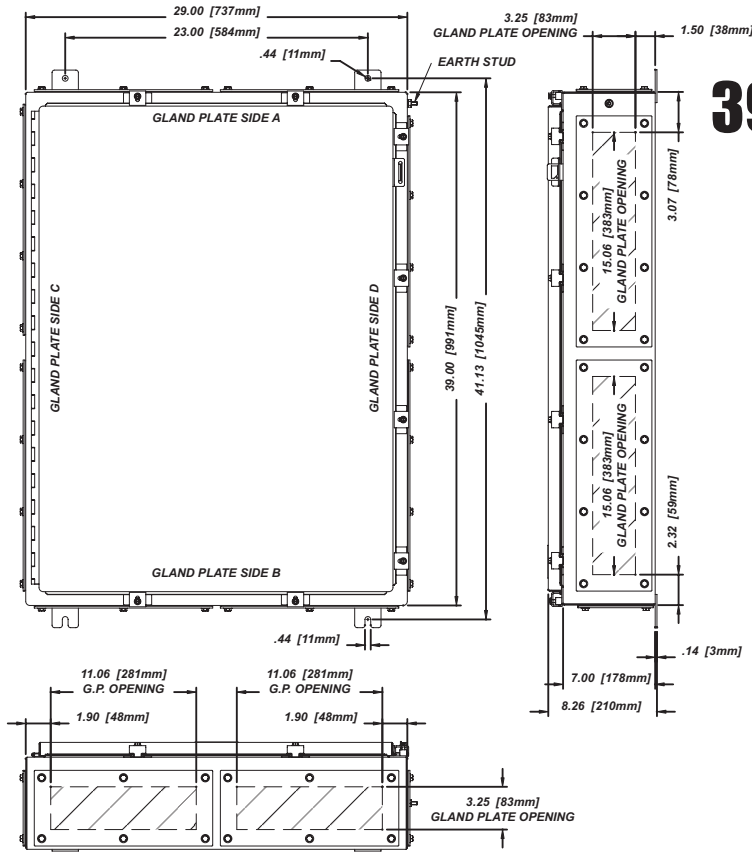
MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE		.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	←179→		87	x	x	x	x	x	x	x	x
	2.5mm ²	←1248→			57	33	x	x	x	x	x	x
	4mm ²	←1248→			224	65	37	x	x	x	x	x
	6mm ²	←792→				71	27	x	x	x	x	
	10mm ²	←546→					69	22	x	x	x	
	16mm ²	←390→						57	26	x	x	
35mm ²	←144→								105	27		

- NOTES**
- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
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 - 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.

39" x 29" x 7" Clamped Door

INCREASED SAFETY
TN Enclosures



STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS

7" [178mm] Depth	ENCLOSURES WITH TERMINALS	
	Catalog Number	Gland Plate
	TN4X6-392907	None
	TN4X6-392907-B	Side B
	TN4X6-392907-AB	Sides A & B
	TN4X6-392907-BCD	Sides B, C & D
	TN4X6-392907-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES		WITH GLAND PLATES ⁶	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	115	150	18	24
3/4	M20	76	100	14	20
1	M25	45	60	6	8
1 1/4	M32	24	32	4	6
1 1/2	M40	22	28	4	5
2	M50	16	22	3	4
2 1/2	M63	7	10	3	4

MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE		.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	←167→		81	x	x	x	x	x	x	x	
	2.5mm ²	←1197→		54	31	x	x	x	x	x	x	
	4mm ²	←1197→		209	60	34	x	x	x	x	x	
	6mm ²	←756→			66	26	x	x	x	x		
	10mm ²	←516→				64	21	x	x	x		
	16mm ²	←284→					53	24	x	x		
35mm ²	←106→								98	26		

- NOTES**
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.
 6. There are (2) gland plates on each side, quantity shown is for (1) plate.

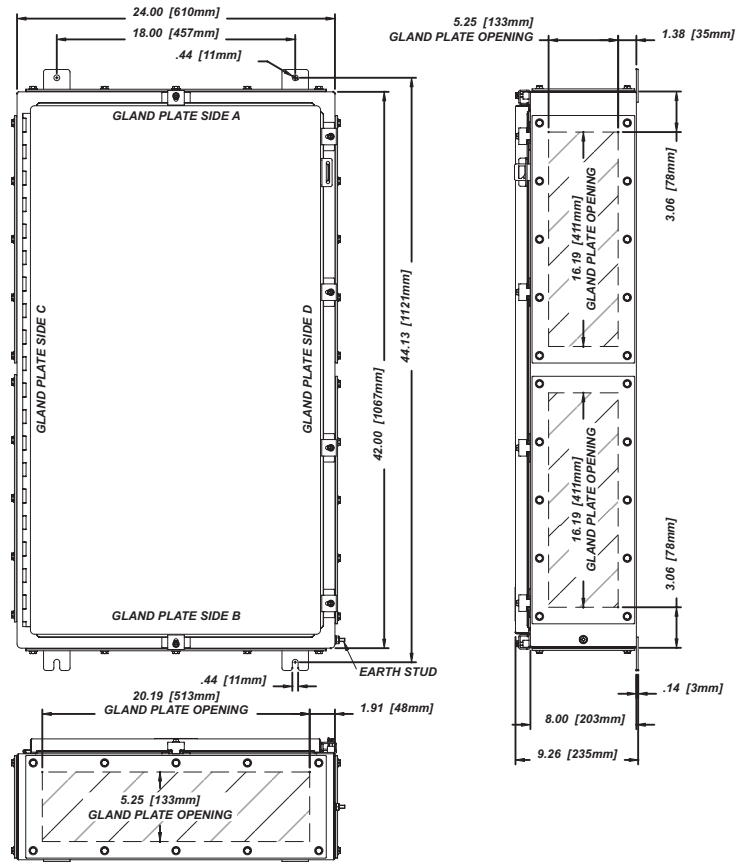
TN SERIES

INCREASED SAFETY
TN Enclosures

42" x 24" Clamped Door

STAINLESS STEEL 316L

8" [203.2mm] Depth	ENCLOSURES WITH TERMINALS	
	Catalog Number	Gland Plate
	TN4X6-422408	None
	TN4X6-422408-B	Side B
	TN4X6-422408-AB	Sides A & B
	TN4X6-422408-BCD	Sides B, C & D
TN4X6-422408-ABCD	Sides A, B, C & D	



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES						WITH GLAND PLATES ⁶					
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	-	-	192	-	-	64	-	-	52	-
3/4	M20	-	80	-	-	135	-	-	39	-	-	33	-
1	M25	-	52	-	-	88	-	-	33	-	-	24	-
1 1/4	M32	-	30	-	-	51	-	-	16	-	-	14	-
1 1/2	M40	-	27	-	-	45	-	-	14	-	-	12	-
2	M50	-	14	-	-	24	-	-	6	-	-	5	-
2 1/2	M63	-	12	-	-	20	-	-	5	-	-	4	-

MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE		.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	←153→		74	x	x	x	x	x	x	x	x
	2.5mm ²	←930→			49	29	x	x	x	x	x	x
	4mm ²	←930→			191	55	31	x	x	x	x	x
	6mm ²	←590→				60	28	x	x	x	x	x
	10mm ²	←470→					59	19	x	x	x	x
	16mm ²	←234→						49	22	x	x	x
35mm ²	←116→									90	x	x

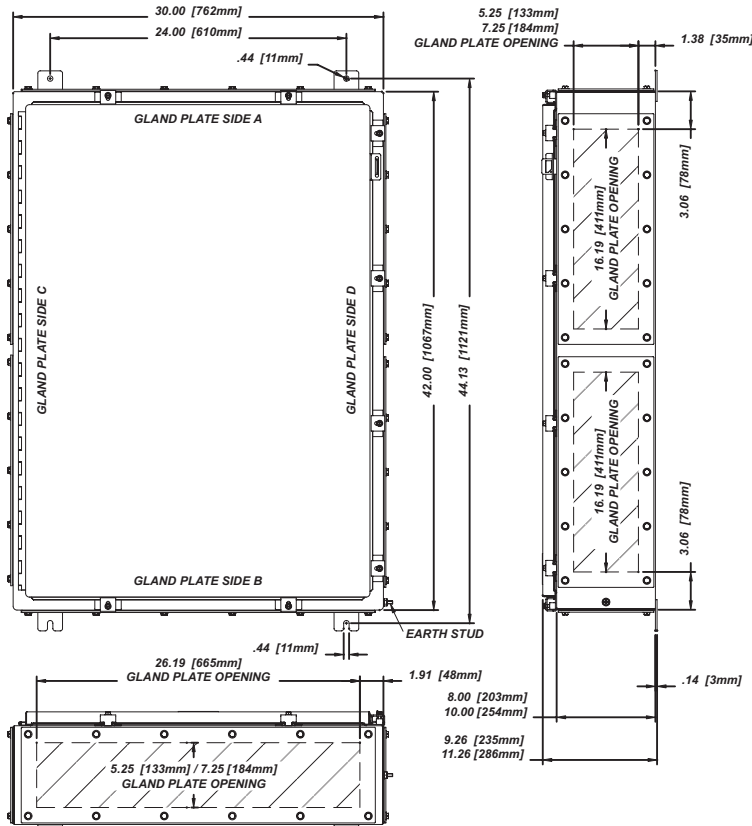
- NOTES**
- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
 - The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
 - For applications requiring multiple terminal block configurations and ampacities, consult 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.
 - There are (2) gland plates on each side, quantity shown is for (1) plate.

42" x 30" Clamped Door

INCREASED SAFETY
TN Enclosures

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	
Catalog Number	Gland Plate
TN4X6-423008	None
TN4X6-423008-B	Side B
TN4X6-423008-AB	Sides A & B
TN4X6-423008-BCD	Sides B, C & D
TN4X6-423008-ABCD	Sides A, B, C & D
TN4X6-423010	None
TN4X6-423010-B	Side B
TN4X6-423010-AB	Sides A & B
TN4X6-423010-BCD	Sides B, C & D
TN4X6-423010-ABCD	Sides A, B, C & D



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES						WITH GLAND PLATES ⁶					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	-	144	192	-	192	256	-	84	126	-	52	78
3/4	M20	-	100	120	-	135	162	-	51	85	-	33	55
1	M25	-	64	80	-	88	110	-	42	56	-	24	32
1 1/4	M32	-	36	48	-	51	68	-	22	33	-	14	21
1 1/2	M40	-	33	44	-	45	60	-	20	20	-	12	12
2	M50	-	18	27	-	24	36	-	8	20	-	5	10
2 1/2	M63	-	14	14	-	20	20	-	7	14	-	4	8

MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE	.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	←172→	84	x	x	x	x	x	x	x	x	
	2.5mm ²	←1302→		55	32	x	x	x	x	x	x	
	4mm ²	←1302→		216	63	35	x	x	x	x	x	
	6mm ²		←826→			68	27	x	x	x	x	
	10mm ²			←564→				66	21	x	x	
	16mm ²				←390→					55	25	x
35mm ²											101	27

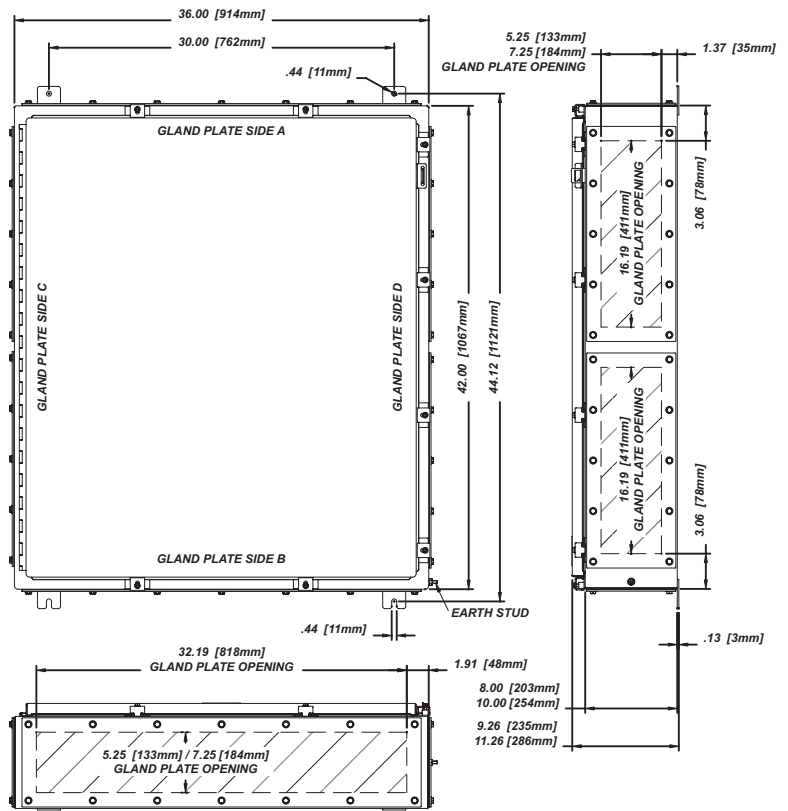
- NOTES**
1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
 2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
 3. For applications requiring multiple terminal block configurations and ampacities, consult 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.
 6. There are (2) gland plates on each side, quantity shown is for (1) plate.

TN SERIES

42" x 36" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	
8" [203.2mm] Depth	Catalog Number Gland Plate
	TN4X6-423608 None
	TN4X6-423608-B Side B
	TN4X6-423608-AB Sides A & B
	TN4X6-423608-BCD Sides B, C & D
10" [254.0mm] Depth	Catalog Number Gland Plate
	TN4X6-423610 None
	TN4X6-423610-B Side B
	TN4X6-423610-AB Sides A & B
	TN4X6-423610-BCD Sides B, C & D
TN4X6-423610-ABCD Sides A, B, C & D	



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES						WITH GLAND PLATES ⁶					
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	-	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	←1488→			61	35	x	x	x	x	x	x
	4mm ²	←1488→			236	68	39	x	x	x	x	x
	6mm ²	←944→				75	28	x	x	x	x	x
	10mm ²	←658→					72	23	x	x	x	x
	16mm ²	←468→						60	28	x	x	x
35mm ²	←174→								111	29		

- NOTES**
- 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.
 - There are (2) gland plates on each side, quantity shown is for (1) plate.

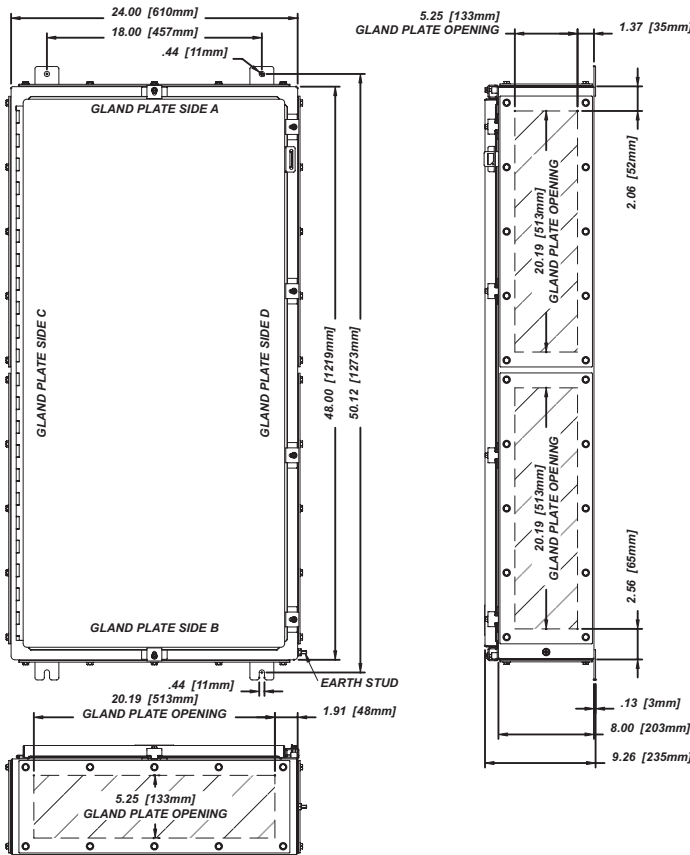
TN SERIES

48" x 24" Clamped Door

INCREASED SAFETY
TN Enclosures

STAINLESS STEEL 316L

8" [203.2mm] Depth	ENCLOSURES WITH TERMINALS	
	Catalog Number	Gland Plate
	TN4X6-482408	None
	TN4X6-482408-B	Side B
	TN4X6-482408-AB	Sides A & B
	TN4X6-482408-BCD	Sides B, C & D
TN4X6-482408-ABCD	Sides A, B, C & D	



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES						WITH GLAND PLATES ⁶					
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	←1085→		50	29	x	x	x	x	x	x	
	4mm ²	←1085→		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
35mm ²											91	24

- NOTES**
- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
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 - 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.
 - There are (2) gland plates on each side, quantity shown is for (1) plate.

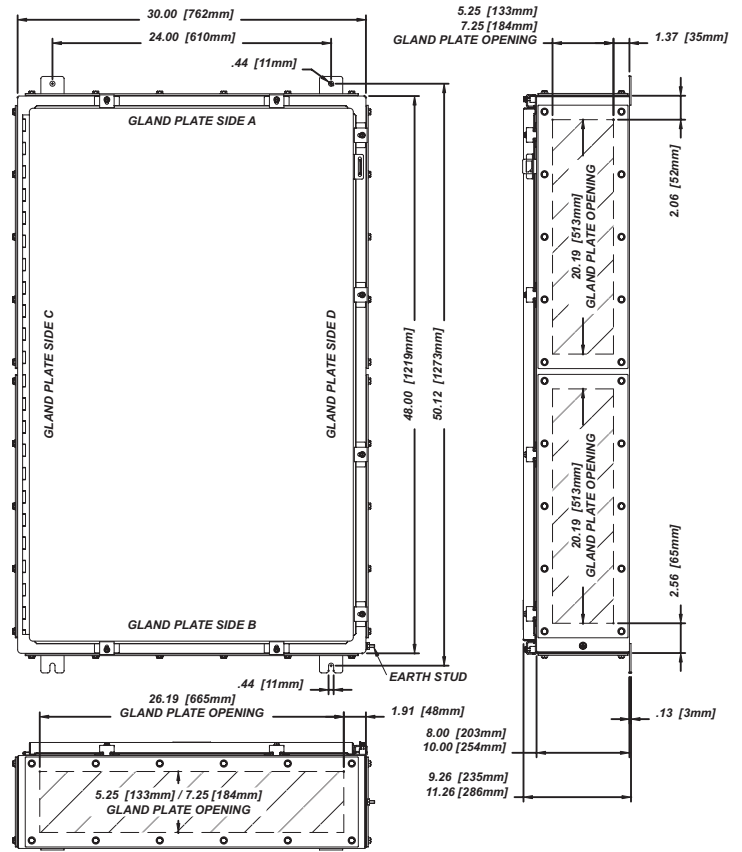
TN SERIES

INCREASED SAFETY
TN Enclosures

48" x 30" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	
8" [203.2mm] Depth	Catalog Number Gland Plate
	TN4X6-483008 None
	TN4X6-483008-B Side B
	TN4X6-483008-AB Sides A & B
	TN4X6-483008-BCD Sides B, C & D
TN4X6-483008-ABCD Sides A, B, C & D	
10" [254.0mm] Depth	Catalog Number Gland Plate
	TN4X6-483010 None
	TN4X6-483010-B Side B
	TN4X6-483010-AB Sides A & B
	TN4X6-483010-BCD Sides B, C & D
TN4X6-483010-ABCD Sides A, B, C & D	



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES						WITH GLAND PLATES ⁶					
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	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

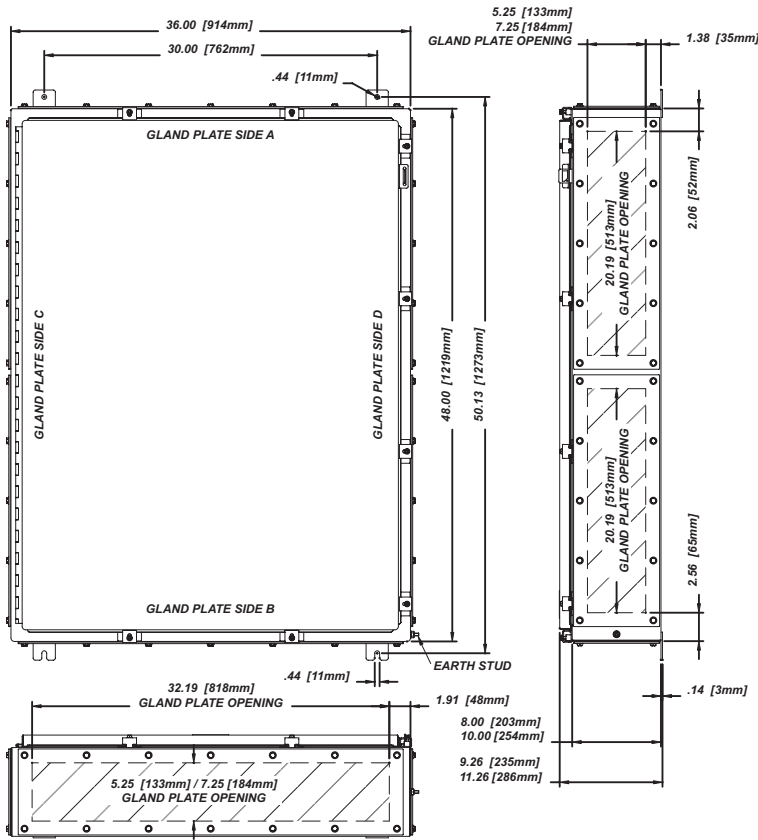
MAXIMUM TERMINAL BLOCK CONTENT

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	←1519→			57	33	x	x	x	x	x	x
	4mm ²	←1519→			222	64	36	x	x	x	x	x
	6mm ²	←959→				70	27	x	x	x	x	x
	10mm ²	←654→					68	22	x	x	x	x
	16mm ²	←455→						56	26	x	x	x
	35mm ²	←201→								104	27	

- NOTES**
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 - 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.
 - There are (2) gland plates on each side, quantity shown is for (1) plate.

48" x 36" Clamped Door

INCREASED SAFETY
TN Enclosures



STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS		
8" [203.2mm] Depth	Catalog Number	Gland Plate
	TN4X6-483608	None
	TN4X6-483608-B	Side B
	TN4X6-483608-AB	Sides A & B
	TN4X6-483608-BCD	Sides B, C & D
10" [254.0mm] Depth	TN4X6-483608-ABCD	Sides A, B, C & D
	TN4X6-483610	None
	TN4X6-483610-B	Side B
	TN4X6-483610-AB	Sides A & B
	TN4X6-483610-BCD	Sides B, C & D
	TN4X6-483610-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES						WITH GLAND PLATES ⁶					
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	80	100
Terminal Block Size	1.5mm ²	←196→	95	x	x	x	x	x	x	x	x
	2.5mm ²	←1736→		63	37	x	x	x	x	x	x
	4mm ²	←1736→		245	71	40	x	x	x	x	x
	6mm ²		←1096→			77	30	x	x	x	x
	10mm ²			←763→			75	24	x	x	x
	16mm ²				←546→			62	29	x	x
35mm ²										115	30

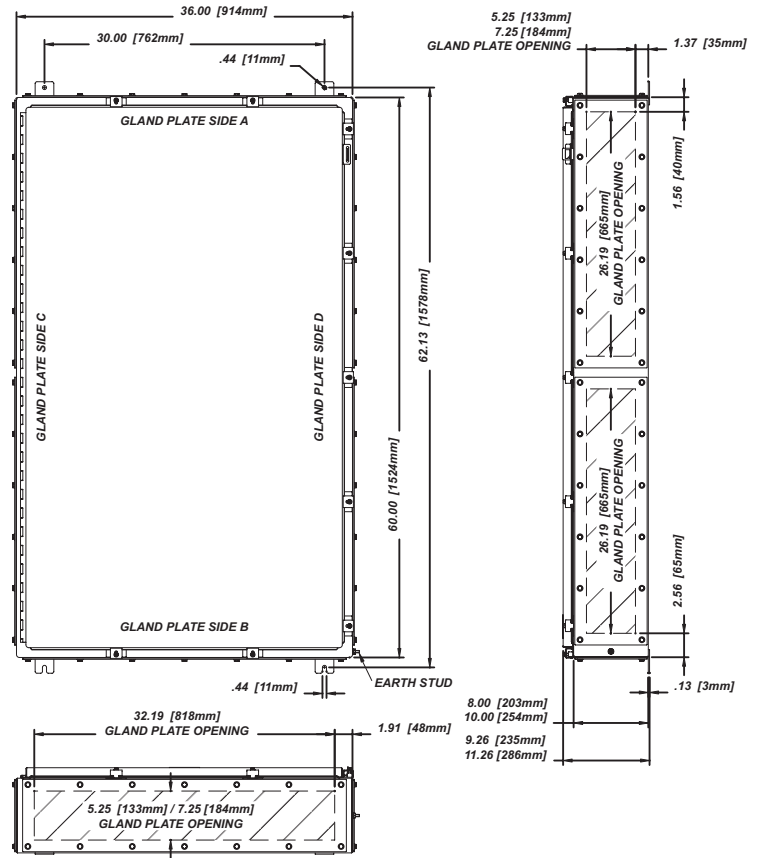
- NOTES**
- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
 - The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
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 - For applications requiring larger terminal blocks or custom w sizes, consult factory.
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 - There are (2) gland plates on each side, quantity shown is for (1) plate.

TN SERIES

60" x 36" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	
8" [203.2mm] Depth	Catalog Number Gland Plate
	TN4X6-603608 None
	TN4X6-603608-B Side B
	TN4X6-603608-AB Sides A & B
	TN4X6-603608-BCD Sides B, C & D
10" [254.0mm] Depth	TN4X6-603610 None
	TN4X6-603610-B Side B
	TN4X6-603610-AB Sides A & B
	TN4X6-603610-BCD Sides B, C & D
	TN4X6-603610-ABCD Sides A, B, C & D



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES						WITH GLAND PLATES ⁶					
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	-	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	←2224→			66	39	x	x	x	x	x	x
	4mm ²	←2224→			258	75	47	x	x	x	x	x
	6mm ²	←1408→				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	

- NOTES**
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 - 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.
 - There are (2) gland plates on each side, quantity shown is for (1) plate.