

# TERMINAL ENCLOSURES

INCREASED SAFETY ENCLOSURES

## TN Series Clamped Door Terminal Enclosure

Adalet's TN4X(6) series terminal enclosures are available in stainless steel 304 or 316L. Adalet can also supply custom size enclosures, operators, and components to suit your increased safety application. Silicone gaskets, removable hinge pin, box and cover ground studs including an external earthing stud and universal rail mounting system are included as standard.

### STANDARD FEATURES

- 64 standard enclosure sizes, available in SS316L or SS304.
- Stainless steel cover clamps and screws
- Folded lip around door opening for complete and maximum gasket contact
- Continuously welded seams and ground smooth
- Silicone cover gasket & internal rail mount system
- Continuous piano hinge, with removable stainless steel pin
- Ground studs - on door and box, including an external ground stud
- Welded on external mounting feet
- Padlock hasp for padlocking

### DESIGN OPTIONS

- Gland plates pre-drilled or solid for field drilling
- Cable glands, stopping plugs, reducers, adaptors
- Terminal rail assemblies
- Breather/drain
- Custom polyester powder coating and painting
- Mounting pans
- Custom size enclosures and gland plates

### MATERIAL

#### ENCLOSURE

<b>TN4X Series</b>	#14 ga Stainless Steel 304 - Brushed Finish
<b>TN4X6 Series</b>	#14 ga Stainless Steel 316L - Brushed Finish
<b>TN4X Gland Plates</b>	#10 ga Stainless Steel 304 - Brushed Finish
<b>TN4X6 Gland Plates</b>	#10 ga Stainless Steel 316L - Brushed Finish

#### GASKET

<b>Cover</b>	Silicone Sponge
<b>Gland Plates</b>	Silicone Sponge

#### ENCLOSURE MOUNTING

Four (4) external lugs with .44" clearance holes / slots

#### LID FIXING

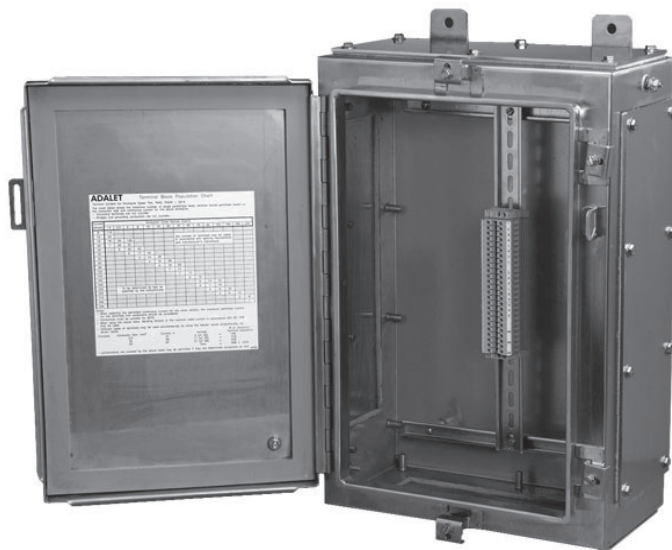
<b>TN4X Hinge</b>	Continuous piano SS304
<b>TN4X6 Hinge</b>	Continuous piano SS316L

#### TN4X Door Clamps TN4X6 Door Clamps

Stainless Steel 304  
Stainless Steel 316L

#### GROUNDING

**Box & Cover** 1/4-20 stud with 300 Series SS hardware



### CERTIFICATIONS

#### POPULATED ENCLOSURE

Class I, Division 2, Groups A, B, C, D  
 Class II, Division 2, Groups F, G  
 Class I, Zone 1, AEx e II T6 (T5: Ta < +55°C) (T4: Ta < 70°C)  
 NEMA Type 4X, 12, 13  
 Ex e II T6 (T5: Ta < +55°C) (T4: Ta < 70°C)  
 Ex tD A21 IP66 T200°C  
 IECEx UL 09.0016X  
 DEMKO 01 ATEX 130437X  
 CE 0539 Ex II 2 G Ex e II T6 (T5: Ta < +55°C) (T4: Ta < +70°C)  
 CE 0539 Ex II 2 D Ex tD A21 IP66 T200°C

#### EMPTY ENCLOSURE

Class II, Division 2  
 Class I, Zone 1, AEx e II  
 Ex e II  
 NEMA Type 4X, 12, 13  
 DEMKO 01 ATEX 0113363U  
 CE 0539 Ex II 2 GD  
 Ex tD A21 IP66



# TERMINAL ENCLOSURES

INCREASED SAFETY ENCLOSURES

## MAXIMUM TERMINAL BLOCK CONTENT

CAT. NUMBER	DEPTH SIZES			2.5mm		4mm		6mm		10mm		16mm		35mm	
				# 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	165	3	165	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
TN4X6-302007	-	-	-	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	06	08	-	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	797	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	8	545	3	273	2	134
TN4X6-4830	-	08	10	7	1519	7	1519	7	959	5	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	8	980	6	696	3	258

Information is subject to change without notice

Measurements in inches

- NOTES**
- The TN4 Series is available either in SS316L (TN4X6) or SS304 (TN4X).
  - Refer to enclosure catalog page for dimensional information.
  - The maximum terminal block content is based on the following maximum permitted continuous current and minimum conductor size. (See chart right)
  - For higher ampacities refer to enclosure catalog page.
  - 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.

MAX CURRENT	MIN CONDUCTOR SIZE
10 AMPS	2.5mm <sup>2</sup> (14 AWG)
10 AMPS	4mm <sup>2</sup> (12 AWG)
20 AMPS	6mm <sup>2</sup> (10 AWG)
25 AMPS	10mm <sup>2</sup> (8 AWG)
35 AMPS	16mm <sup>2</sup> (6 AWG)
63 AMPS	35mm <sup>2</sup> (2 AWG)

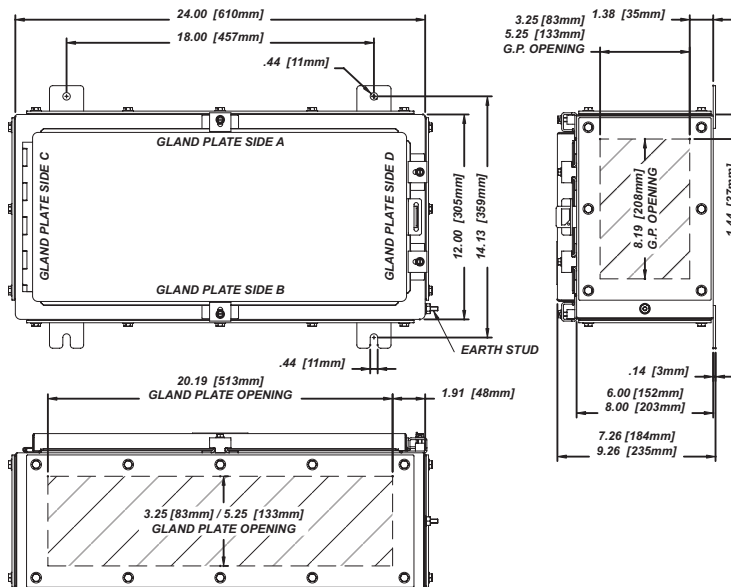
# TERMINAL ENCLOSURES

INCREASED SAFETY ENCLOSURES

## TN Series 12" x 24" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS		
	CATALOG NUMBER	GLAND PLATE
6" [152.4mm] Depth	TN4X6-122406	None
	TN4X6-122406-B	Side B
	TN4X6-122406-AB	Sides A & B
	TN4X6-122406-BCD	Sides B, C & D
	TN4X6-122406-ABCD	Sides A, 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					
		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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>		4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>		
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 <sup>2</sup>	← 99 →		48	x	x	x	x	x	x	x	x
	2.5mm <sup>2</sup>	← 170 →			32	18	x	x	x	x	x	x
	4mm <sup>2</sup>	← 170 →			124	36	20	x	x	x	x	x
	6mm <sup>2</sup>	← 105 →					39	15	x	x	x	x
	10mm <sup>2</sup>	← 85 →						38	12	x	x	x
	16mm <sup>2</sup>	← 42 →							31	14	x	x
35mm <sup>2</sup>	← 20 →											15

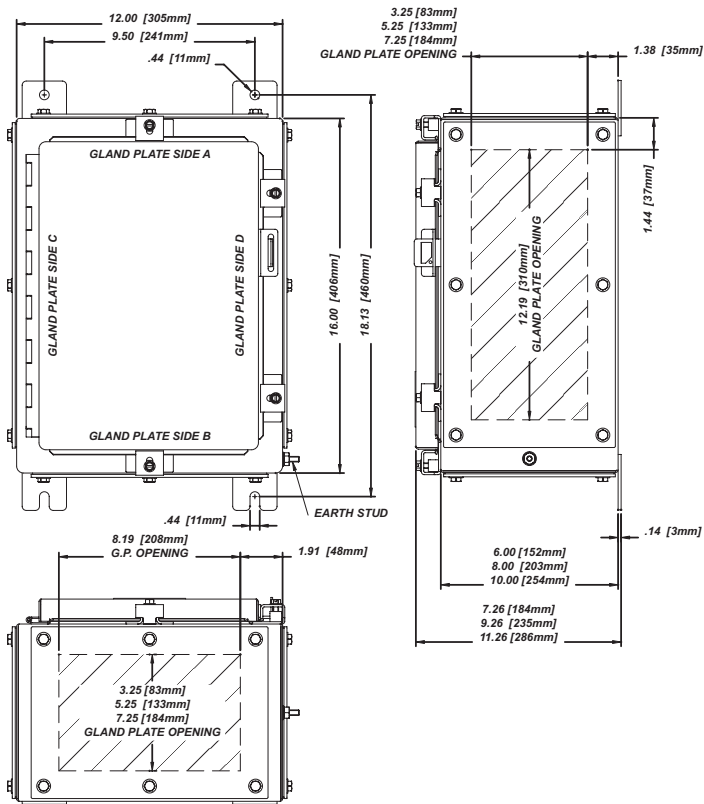
- NOTES**
- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
  - The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
  - For applications requiring multiple terminal block configurations and ampacities, consult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

# TERMINAL ENCLOSURES

TN Series

## 16" x 12" Clamped Door

STAINLESS STEEL 316L



INCREASED SAFETY ENCLOSURES

ENCLOSURES WITH TERMINALS		
	CAT NUMBER	GLAND PLATE
6" [152.4mm] Depth	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
8" [203.2mm] 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
10" [254.0mm] 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

### 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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>
MIN CONDUCTOR SIZE AWG	22	16	14	12	10	8	6	2
MAXIMUM AMPERAGE	3	8	10	16	20	25	35	80
Terminal Block Size	1.5mm <sup>2</sup>	← 94 →	46	x	x	x	x	x
	2.5mm <sup>2</sup>	← 108 →	30	17	x	x	x	x
	4mm <sup>2</sup>	← 108 →	34	19	x	x	x	x
	6mm <sup>2</sup>	← 68 →	37	14	x	x	x	x
	10mm <sup>2</sup>	← 54 →	36	12	x	x	x	x
	16mm <sup>2</sup>	← 22 →	30	14	x	x	x	x
35mm <sup>2</sup>	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.

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INCREASED SAFETY

# TERMINAL ENCLOSURES

INCREASED SAFETY ENCLOSURES

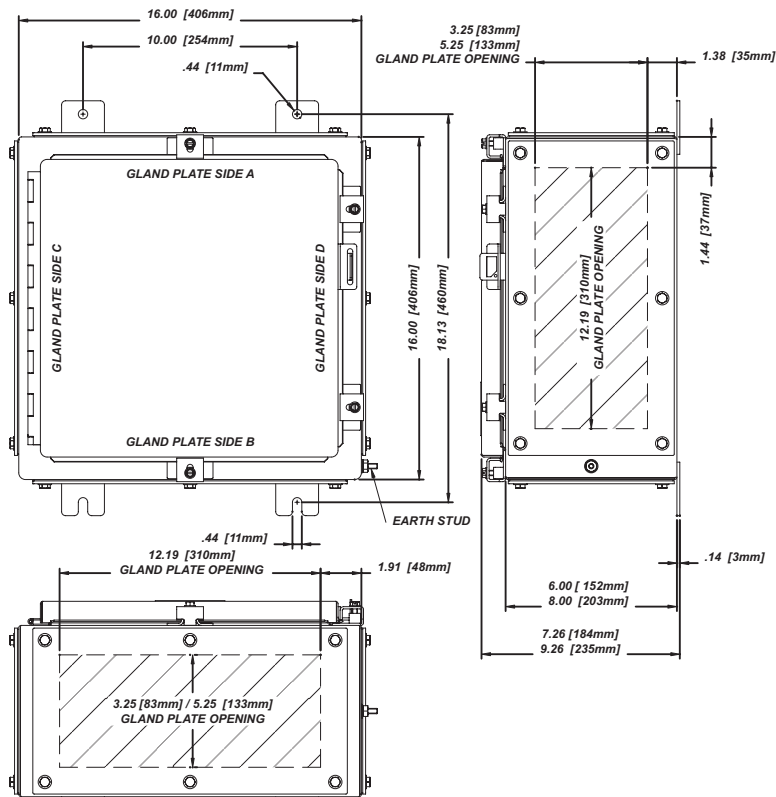
## TN Series 16" x 16" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS		
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	
TN4X6-161606-ABCD	Sides A, B, C & D	
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	

6" (152.4mm) Depth

8" (203.2mm) Depth



### 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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
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 <sup>2</sup>	←104→		50	x	x	x	x	x	x	x	x
	2.5mm <sup>2</sup>	←162→		33	19	x	x	x	x	x	x	x
	4mm <sup>2</sup>	←162→		130	38	21	x	x	x	x	x	x
	6mm <sup>2</sup>	←102→			41	16	x	x	x	x	x	x
	10mm <sup>2</sup>	← 81 →				40	13	x	x	x	x	x
	16mm <sup>2</sup>	← 44 →					33	15	x	x	x	x
35mm <sup>2</sup>	← 17 →											7

- 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.
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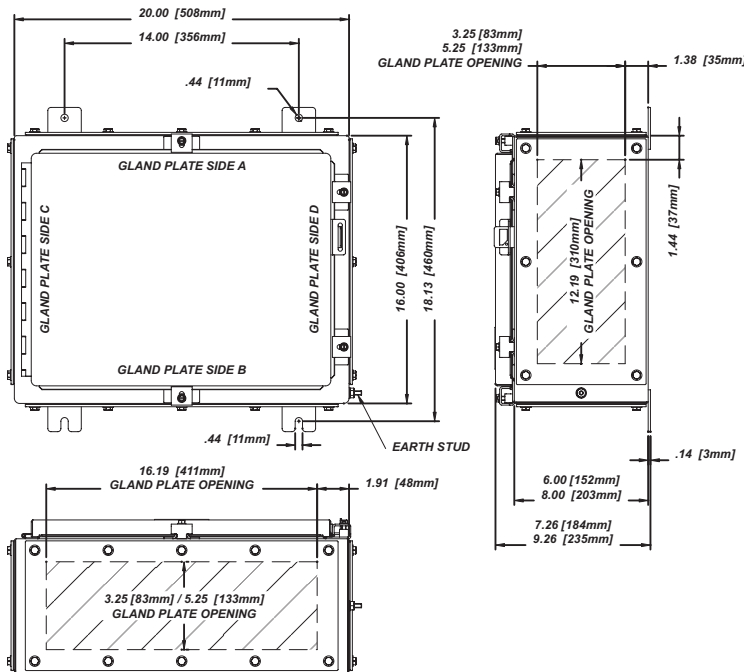
# TERMINAL ENCLOSURES

TN Series

## 16" x 20" Clamped Door

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



INCREASED SAFETY 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	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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
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 <sup>2</sup>	← 110 →		53	x	x	x	x	x	x	x
	2.5mm <sup>2</sup>	← 216 →		35	20	x	x	x	x	x	x
	4mm <sup>2</sup>	← 216 →		138	40	22	x	x	x	x	x
	6mm <sup>2</sup>	← 136 →			43	17	x	x	x	x	
	10mm <sup>2</sup>	← 108 →				42	13	x	x	x	
	16mm <sup>2</sup>	← 66 →					35	16	x	x	
35mm <sup>2</sup>	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.

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INCREASED SAFETY

# TERMINAL ENCLOSURES

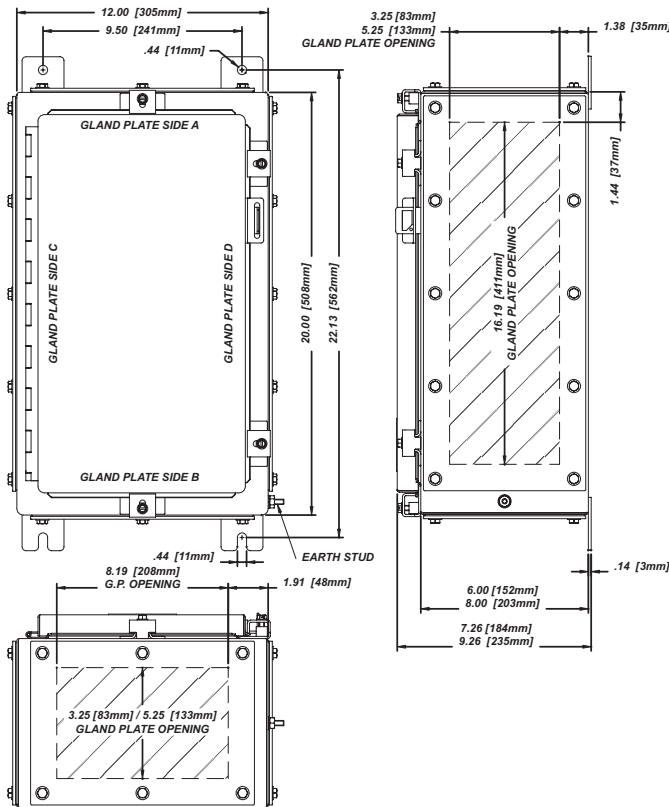
INCREASED SAFETY ENCLOSURES

## TN Series 20" x 12" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	
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
TN4X6-201206-ABCD	Sides A, B, C & D
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

6" [152.4mm] Depth  
8" [203.2mm] Depth



### 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	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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
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 <sup>2</sup>	← 97 →		47	x	x	x	x	x	x	x	x
	2.5mm <sup>2</sup>	← 148 →			31	18	x	x	x	x	x	x
	4mm <sup>2</sup>	← 148 →			122	35	20	x	x	x	x	x
	6mm <sup>2</sup>	← 94 →				36	15	x	x	x	x	x
	10mm <sup>2</sup>	← 74 →					37	12	x	x	x	x
	16mm <sup>2</sup>	← 31 →							14	x	x	x
	35mm <sup>2</sup>	x	x	x	x	x	x	x	x	x	x	x

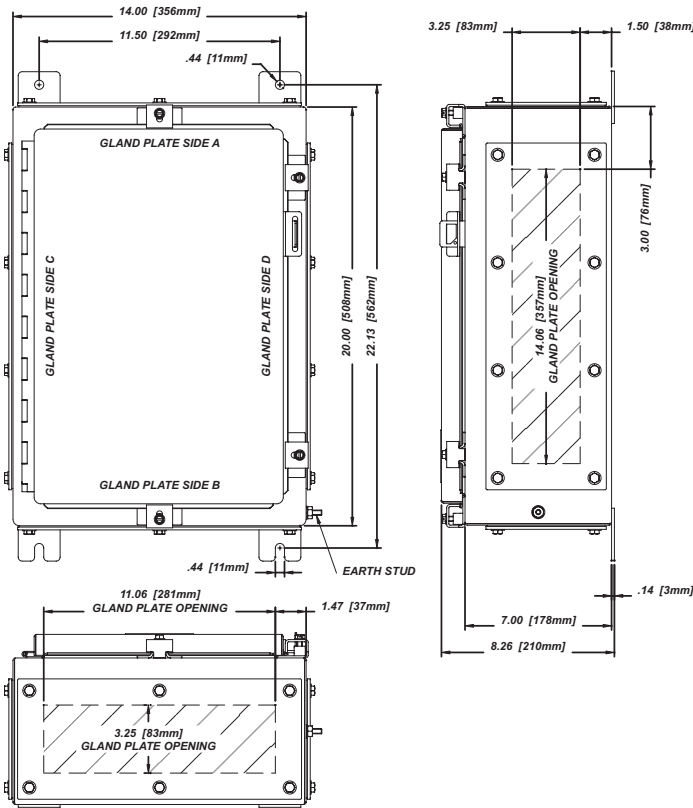
- NOTES**
1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
  2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
  3. For applications requiring multiple terminal block configurations and ampacities, consult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

# TERMINAL ENCLOSURES

TN Series

## 20" x 14" x 7" Clamped Door

INCREASED SAFETY ENCLOSURES



STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS		
	CATALOG NUMBER	GLAND PLATE
7" [177.8mm] Depth	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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
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 <sup>2</sup>	← 104 →		50	x	x	x	x	x	x	x	
	2.5mm <sup>2</sup>	← 222 →		33	19	x	x	x	x	x	x	
	4mm <sup>2</sup>	← 222 →		131	38	21	x	x	x	x	x	
	6mm <sup>2</sup>	← 141 →				41	16	x	x	x	x	
	10mm <sup>2</sup>	← 74 →					40	13	x	x	x	
	16mm <sup>2</sup>	← 62 →						33	15	x	x	
35mm <sup>2</sup>			← 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.



INCREASED SAFETY

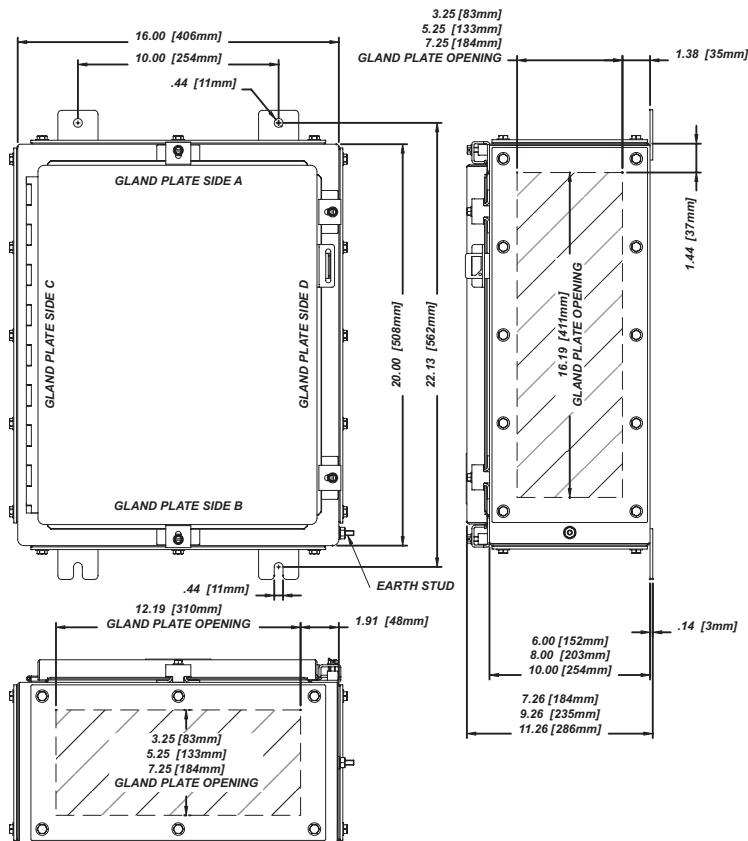
# TERMINAL ENCLOSURES

INCREASED SAFETY ENCLOSURES

## TN Series 20" x 16" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	
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
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
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					
		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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
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 <sup>2</sup>	←110→		53	x	x	x	x	x	x	x	x
	2.5mm <sup>2</sup>	←222→			35	20	x	x	x	x	x	x
	4mm <sup>2</sup>	←222→			138	40	22	x	x	x	x	x
	6mm <sup>2</sup>	←141→				43	17	x	x	x	x	x
	10mm <sup>2</sup>	←111→					42	13	x	x	x	x
	16mm <sup>2</sup>	←62→						35	16	x	x	x
35mm <sup>2</sup>	←23→											17

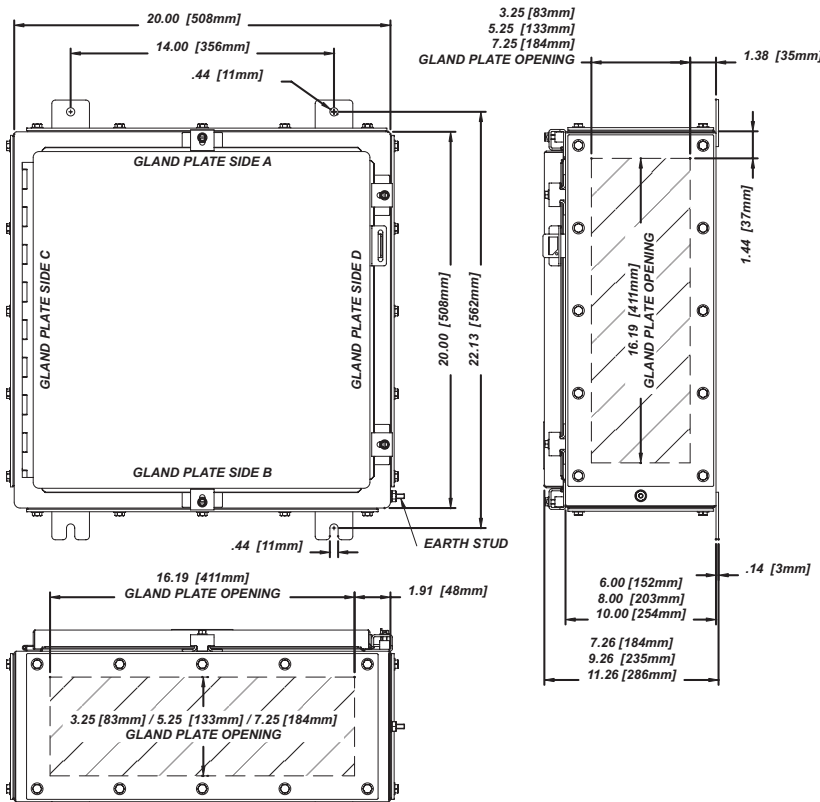
- NOTES**
- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
  - The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
  - For applications requiring multiple terminal block configurations and ampacities, consult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

# TERMINAL ENCLOSURES

TN Series

## 20" x 20" Clamped Door

STAINLESS STEEL 316L



INCREASED SAFETY ENCLOSURES

ENCLOSURES WITH TERMINALS		
CATALOG NUMBER	GLAND PLATE	
6" [152.4mm] Depth	TN4X6-202006	None
	TN4X6-202006-B	Side B
	TN4X6-202006-AB	Sides A & B
	TN4X6-202006-BCD	Sides B, C & D
8" [203.2mm] Depth	TN4X6-202008	None
	TN4X6-202008-B	Side B
	TN4X6-202008-AB	Sides A & B
	TN4X6-202008-BCD	Sides B, C & D
10" [254.0mm] Depth	TN4X6-202010	None
	TN4X6-202010-B	Side B
	TN4X6-202010-AB	Sides A & B
	TN4X6-202010-BCD	Sides 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	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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
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 <sup>2</sup>	← 119 →		58	x	x	x	x	x	x	x	x
	2.5mm <sup>2</sup>	← 296 →		38	22	x	x	x	x	x	x	x
	4mm <sup>2</sup>	← 296 →		149	43	24	x	x	x	x	x	x
	6mm <sup>2</sup>	← 188 →			47	18	x	x	x	x	x	x
	10mm <sup>2</sup>	← 148 →				46	15	x	x	x	x	x
	16mm <sup>2</sup>	← 93 →					38	17	x	x	x	x
35mm <sup>2</sup>	← 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.
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INCREASED SAFETY

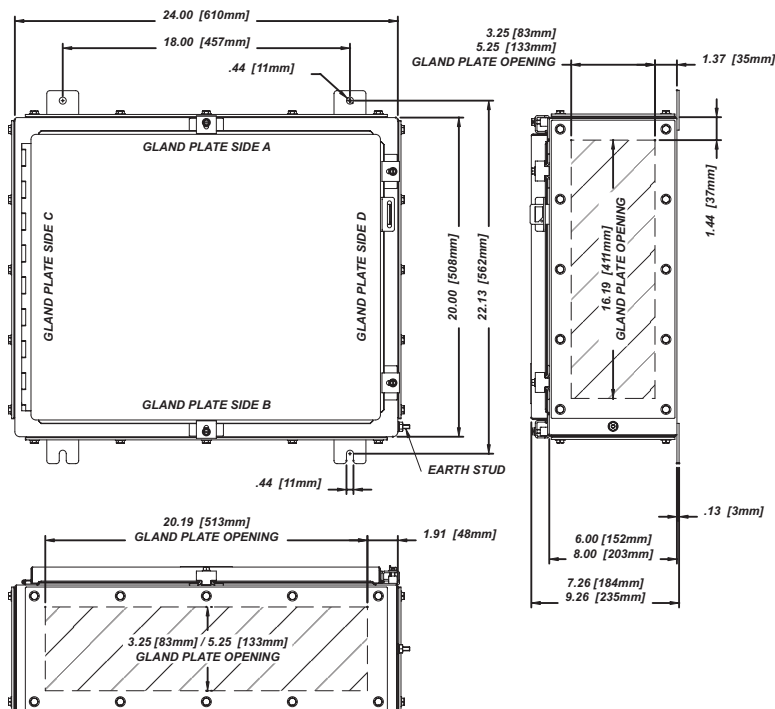
# TERMINAL ENCLOSURES

INCREASED SAFETY ENCLOSURES

## TN Series 20" x 24" Clamped Door

STAINLESS STEEL 316L

		ENCLOSURES WITH TERMINALS	
		CATALOG NUMBER	GLAND PLATE
6" [152.4mm] Depth		TN4X6-202406	None
		TN4X6-202406-B	Side B
		TN4X6-202406-AB	Sides A & B
		TN4X6-202406-BCD	Sides B, C & D
		TN4X6-202406-ABCD	Sides A, 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					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	80	96	-	90	108	-	32	64	-	26	52	-
3/4	M20	52	65	-	60	75	-	26	39	-	22	33	-
1	M25	30	40	-	36	48	-	11	33	-	8	24	-
1 1/4	M32	16	24	-	18	27	-	8	16	-	7	14	-
1 1/2	M40	14	21	-	16	24	-	7	14	-	6	12	-
2	M50	12	12	-	14	14	-	6	6	-	5	5	-
2 1/2	M63	5	10	-	6	12	-	5	5	-	4	4	-

### MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE		.5mm <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
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 <sup>2</sup>	←125→		61	x	x	x	x	x	x	x	x
	2.5mm <sup>2</sup>	←370→			40	23	x	x	x	x	x	x
	4mm <sup>2</sup>	←370→			157	45	25	x	x	x	x	x
	6mm <sup>2</sup>	←235→				49	19	x	x	x	x	x
	10mm <sup>2</sup>	←185→					48	15	x	x	x	x
	16mm <sup>2</sup>	←93→						40	18	x	x	x
	35mm <sup>2</sup>	←46→										

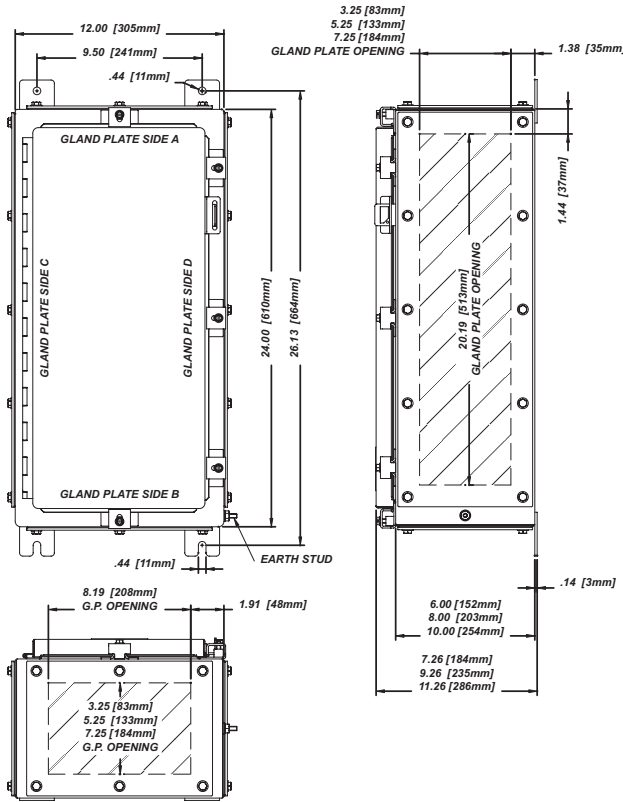
- NOTES**
- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
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  - For applications requiring multiple terminal block configurations and ampacities, consult factory.
  - For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
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# TERMINAL ENCLOSURES

## TN Series 24" x 12" Clamped Door

STAINLESS STEEL 316L

INCREASED SAFETY ENCLOSURES



ENCLOSURES WITH TERMINALS		
	CATALOG NUMBER	GLAND PLATE
6" [152.4mm] Depth	TN4X6-241206	None
	TN4X6-241206-B	Side B
	TN4X6-241206-AB	Sides A & B
	TN4X6-241206-BCD	Sides B, C & D
8" [203.2mm] Depth	TN4X6-241206-ABCD	Sides A, B, C & D
	TN4X6-241208	None
	TN4X6-241208-B	Side B
	TN4X6-241208-AB	Sides A & B
10" [254.0mm] Depth	TN4X6-241208-BCD	Sides B, C & D
	TN4X6-241208-ABCD	Sides A, B, C & D
	TN4X6-241210	None
	TN4X6-241210-B	Side B
10" [254.0mm] Depth	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					
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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
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 <sup>2</sup>	← 99 →	48	x	x	x	x	x	x	x	x
	2.5mm <sup>2</sup>	← 190 →		32	18	x	x	x	x	x	x
	4mm <sup>2</sup>	← 190 →		124	36	20	x	x	x	x	x
	6mm <sup>2</sup>		← 120 →			39	15	x	x	x	x
	10mm <sup>2</sup>			← 96 →			38	12	x	x	x
	16mm <sup>2</sup>				← 39 →			31	14	x	x
35mm <sup>2</sup>	x	x	x	x	x	x	x	x	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.

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INCREASED SAFETY

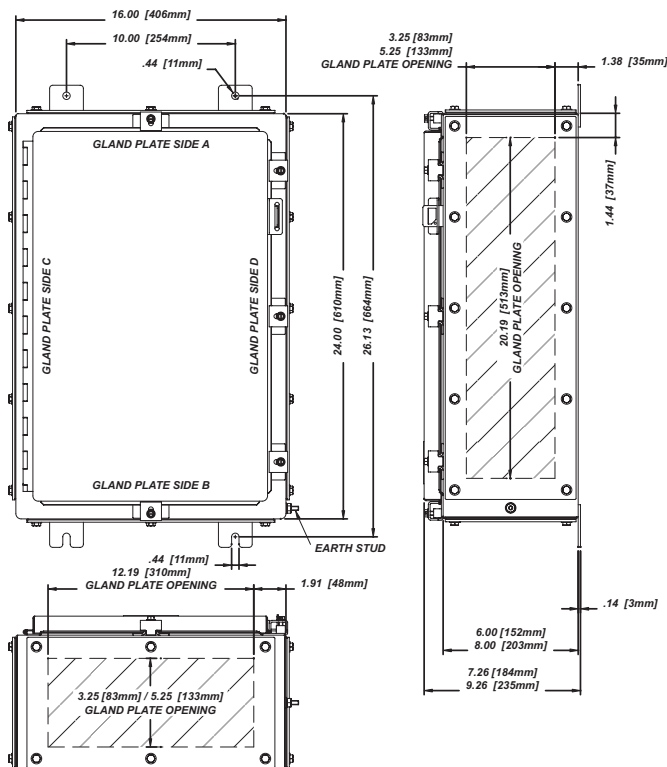
# TERMINAL ENCLOSURES

INCREASED SAFETY ENCLOSURES

## 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

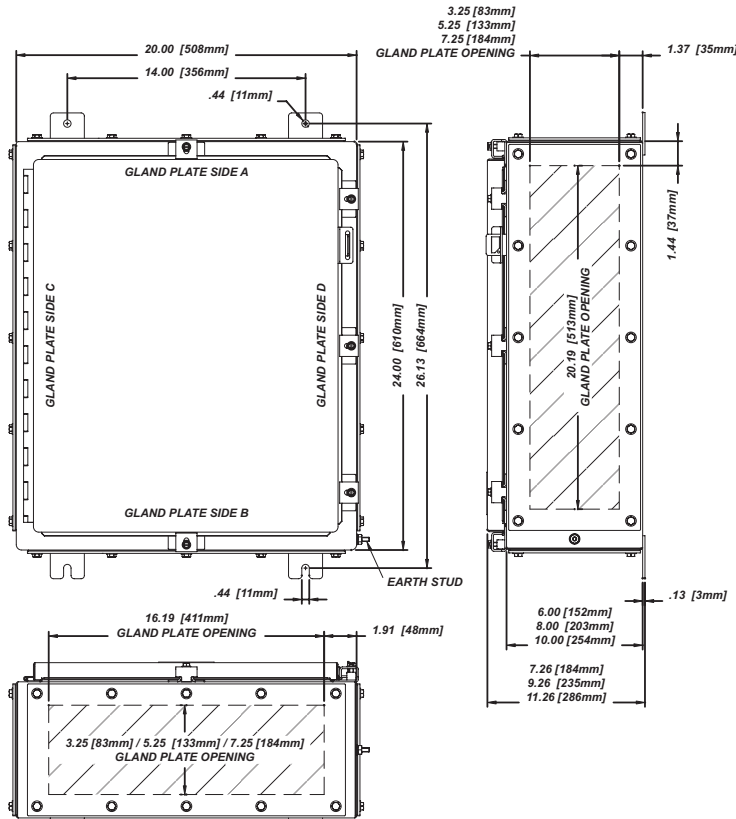
SIZE		WITHOUT GLAND PLATES						WITH GLAND PLATES					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	65	78	-	95	114	-	18	36	-	32	64	-
3/4	M20	40	50	-	64	80	-	16	24	-	26	39	-
1	M25	24	32	-	39	52	-	6	18	-	11	33	-
1 1/4	M32	12	18	-	20	30	-	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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
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 <sup>2</sup>	←114→		55	x	x	x	x	x	x	x	x
	2.5mm <sup>2</sup>	←285→			36	21	x	x	x	x	x	x
	4mm <sup>2</sup>	←285→			142	41	23	x	x	x	x	x
	6mm <sup>2</sup>	←180→				45	17	x	x	x	x	x
	10mm <sup>2</sup>	←144→					44	14	x	x	x	x
	16mm <sup>2</sup>	←78→						36	17	x	x	x
	35mm <sup>2</sup>	←29→									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.
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  5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

# TERMINAL ENCLOSURES



## TN Series 24" x 20" Clamped Door STAINLESS STEEL 316L

INCREASED SAFETY ENCLOSURES

ENCLOSURES WITH TERMINALS	
CATALOG NUMBER	GLAND PLATE
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
TN4X6-242008	None
TN4X6-242008-B	Side B
TN4X6-242008-AB	Sides A & B
TN4X6-242008-BCD	Sides B, C & D
TN4X6-242008-ABCD	Sides A, B, C & D
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					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	80	96	128	90	108	144	26	52	78	32	64	96
3/4	M20	52	65	78	60	75	90	22	33	55	26	39	65
1	M25	30	40	50	36	48	60	8	24	32	11	33	44
1 1/4	M32	16	24	32	18	27	36	7	14	21	8	16	24
1 1/2	M40	14	21	28	16	24	32	6	12	12	7	14	14
2	M50	12	12	18	14	14	21	5	5	10	6	6	12
2 1/2	M63	5	10	10	6	12	12	4	4	8	5	5	10

### MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE	.5mm <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>				
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 <sup>2</sup>	← 125 →	61	x	x	x	x	x	x	x	x	
	2.5mm <sup>2</sup>	← 380 →		40	23	x	x	x	x	x	x	
	4mm <sup>2</sup>	← 380 →		157	45	25	x	x	x	x	x	
	6mm <sup>2</sup>		← 240 →			49	19	x	x	x	x	
	10mm <sup>2</sup>			← 192 →				48	15	x	x	
	16mm <sup>2</sup>				← 117 →					40	18	x
35mm <sup>2</sup>											← 29 →	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.
  - 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.

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# TERMINAL ENCLOSURES

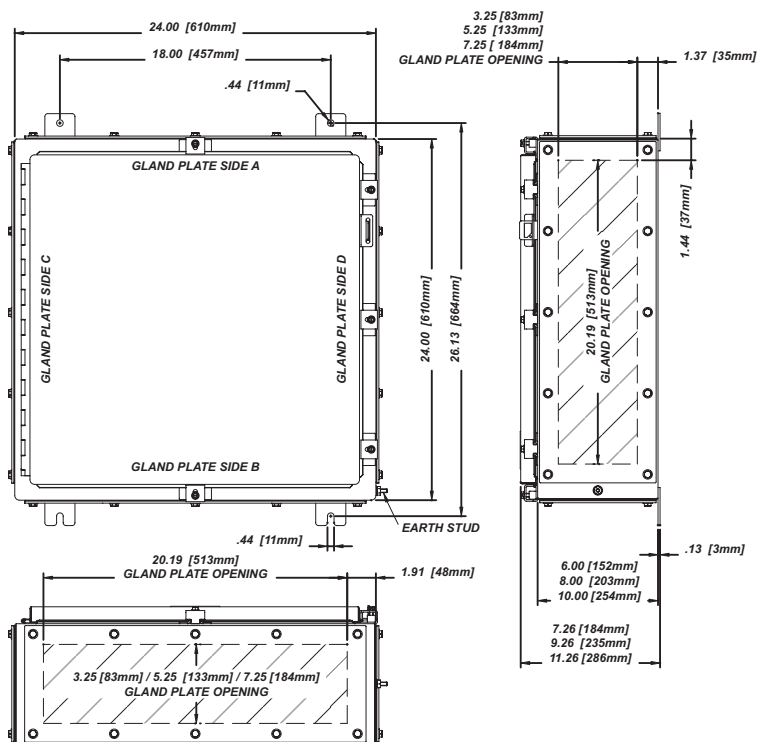
INCREASED SAFETY ENCLOSURES

## TN Series 24" x 24" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	
CATALOG NUMBER	GLAND PLATE
TN4X6-242406	None
TN4X6-242406-B	Side B
TN4X6-242406-AB	Sides A & B
TN4X6-242406-BCD	Sides B, C & D
TN4X6-242406-ABCD	Sides A, B, C & D
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
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

6" (152.4mm) Depth  
8" (203.2mm) Depth  
10" (254.0mm) Depth



### 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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>
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 <sup>2</sup>	←134→	65	x	x	x	x	x
	2.5mm <sup>2</sup>	←475→	43	25	x	x	x	x
	4mm <sup>2</sup>	←475→	168	48	27	x	x	x
	6mm <sup>2</sup>	←300→			53	20	x	x
	10mm <sup>2</sup>	←240→				51	17	x
	16mm <sup>2</sup>	←117→					42	20
35mm <sup>2</sup>				← 58 →				20

- 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.

# TERMINAL ENCLOSURES

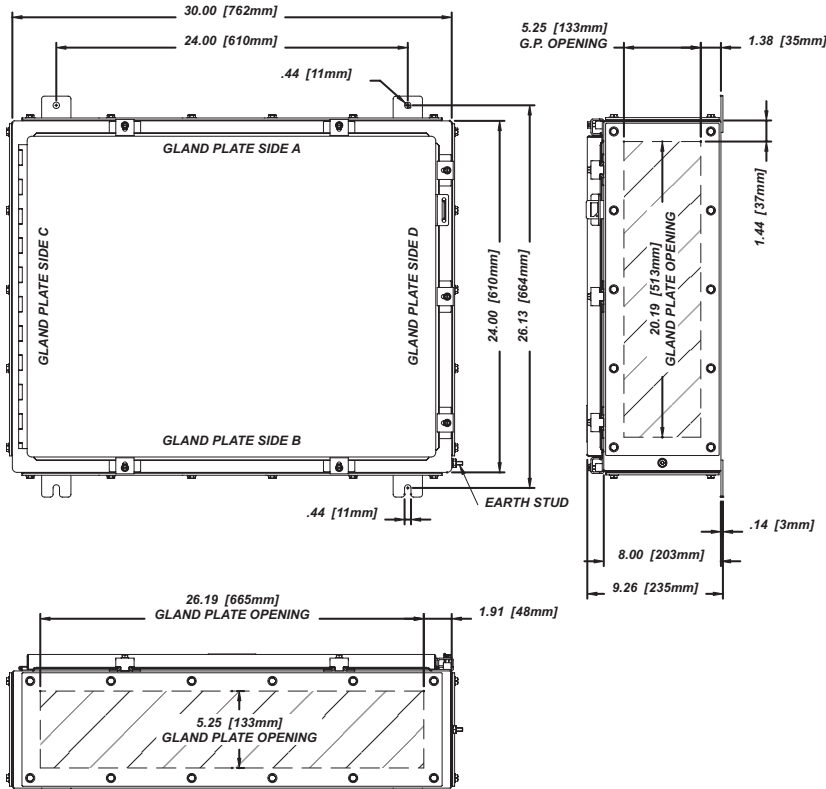
TN Series

## 24" x 30" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS		
	CATALOG NUMBER	GLAND PLATE
8" [203.2mm] Depth	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

INCREASED SAFETY 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	-	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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
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 <sup>2</sup>	← 143 →		69	x	x	x	x	x	x	x
	2.5mm <sup>2</sup>	← 665 →			46	27	x	x	x	x	x
	4mm <sup>2</sup>	← 665 →			179	52	29	x	x	x	x
	6mm <sup>2</sup>	← 420 →				56	22	x	x	x	x
	10mm <sup>2</sup>	← 288 →					55	18	x	x	x
	16mm <sup>2</sup>	← 195 →						45	21	x	x
35mm <sup>2</sup>	← 87 →								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.

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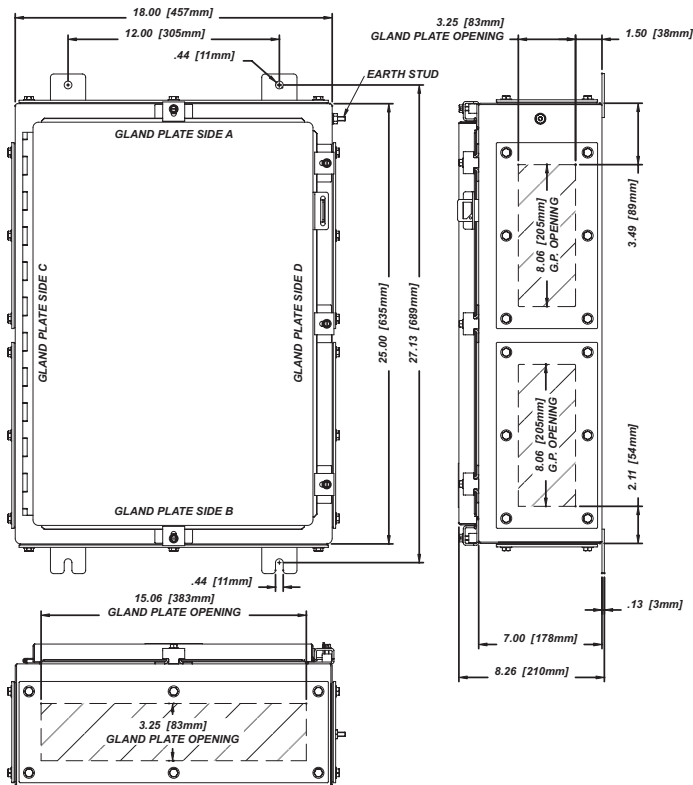
# TERMINAL ENCLOSURES

INCREASED SAFETY ENCLOSURES

## TN Series 25" x 18" x 7" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	ENCLOSURES WITH TERMINALS	
	CATALOG NUMBER	GLAND PLATE
7" (177.8mm) Depth	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	
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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
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 <sup>2</sup>	←400→		39	22	x	x	x	x	x	x	
	4mm <sup>2</sup>	←400→		151	44	25	x	x	x	x	x	
	6mm <sup>2</sup>	←252→			48	18	x	x	x	x	x	
	10mm <sup>2</sup>	←150→				46	15	x	x	x	x	
	16mm <sup>2</sup>	←84→					38	18	x	x	x	
35mm <sup>2</sup>			←31→								18	

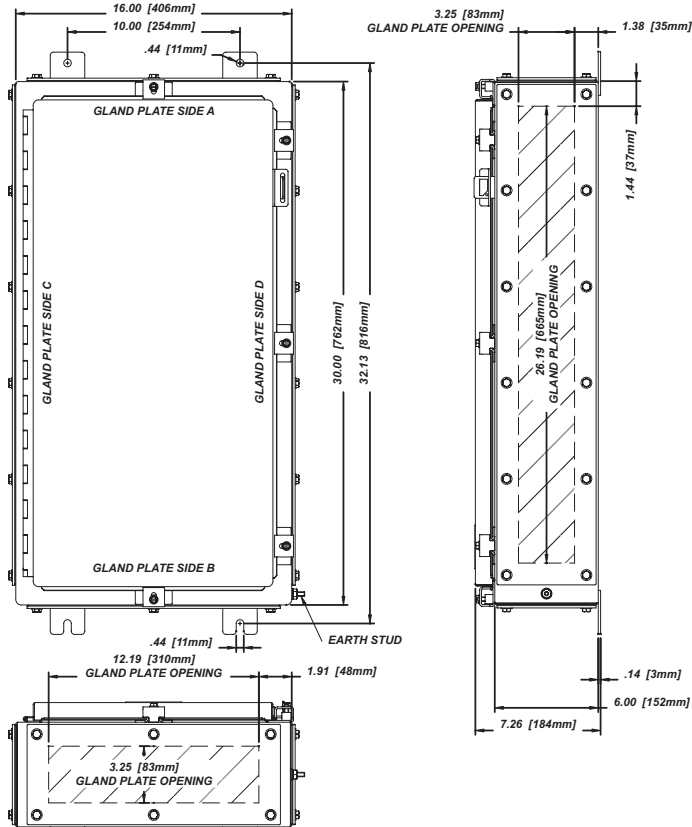
- NOTES**
1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
  2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
  3. For applications requiring multiple terminal block configurations and ampacities, consult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

# TERMINAL ENCLOSURES

TN Series

## 30" x 16" Clamped Door

INCREASED SAFETY ENCLOSURES



STAINLESS STEEL 316L

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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
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 <sup>2</sup>	← 117 →	56	x	x	x	x	x	x	x	x
	2.5mm <sup>2</sup>	← 375 →	37	22	x	x	x	x	x	x	x
	4mm <sup>2</sup>	← 375 →	146	42	24	x	x	x	x	x	x
	6mm <sup>2</sup>	← 237 →			46	18	x	x	x	x	x
	10mm <sup>2</sup>	← 189 →				45	14	x	x	x	x
	16mm <sup>2</sup>	← 104 →					37	17	x	x	x
35mm <sup>2</sup>								← 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.

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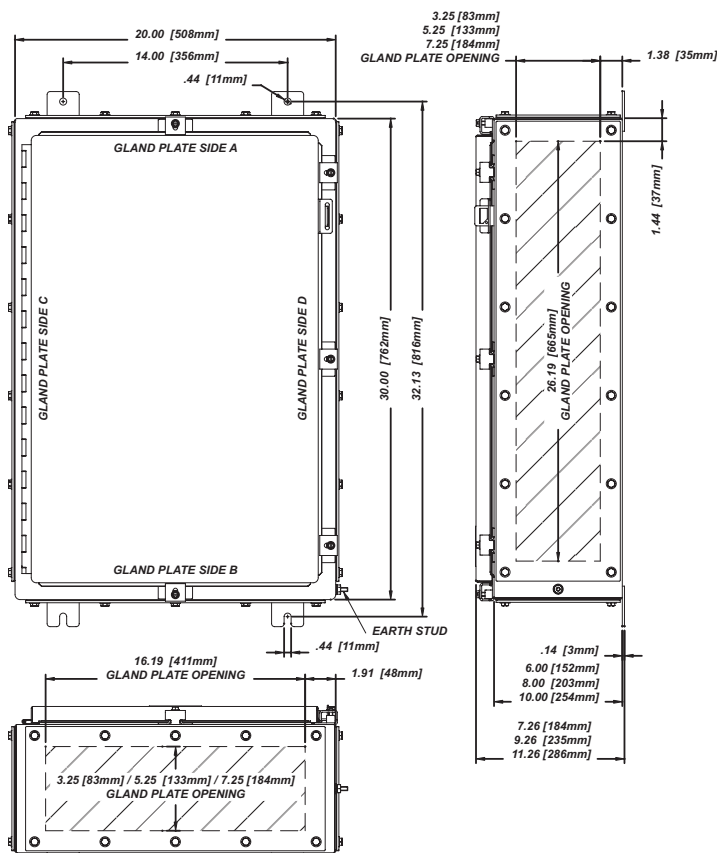
# TERMINAL ENCLOSURES

INCREASED SAFETY ENCLOSURES

## TN Series 30" x 20" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	
Catalog Number	Gland Plate
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
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
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					
		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	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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
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 <sup>2</sup>	←500→			42	24	x	x	x	x	x	x
	4mm <sup>2</sup>	←500→			165	47	27	x	x	x	x	x
	6mm <sup>2</sup>	←316→				52	20	x	x	x	x	x
	10mm <sup>2</sup>	←252→					50	16	x	x	x	x
	16mm <sup>2</sup>	←156→						42	19	x	x	x
35mm <sup>2</sup>	←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.

# TERMINAL ENCLOSURES

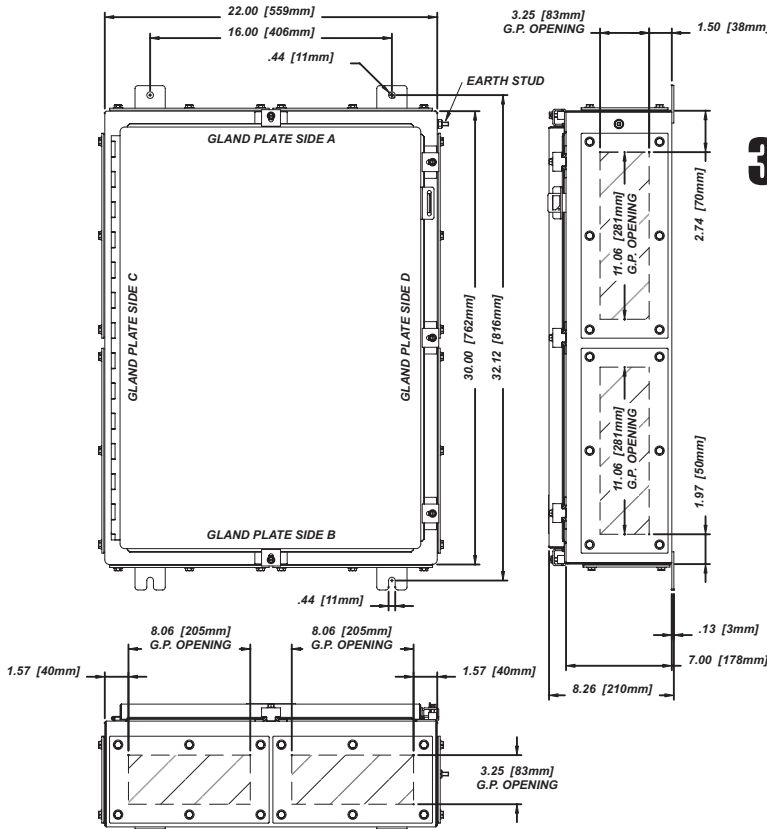
TN Series

## 30" x 22" x 7" Clamped Door

STAINLESS STEEL 316L

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

INCREASED SAFETY ENCLOSURES



### 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	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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
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 <sup>2</sup>	← 137 →		67	x	x	x	x	x	x	x	
	2.5mm <sup>2</sup>	← 625 →		44	26	x	x	x	x	x	x	
	4mm <sup>2</sup>	← 625 →		172	50	28	x	x	x	x	x	
	6mm <sup>2</sup>	← 395 →			54	21	x	x	x	x		
	10mm <sup>2</sup>	← 252 →				53	17	x	x	x		
	16mm <sup>2</sup>	← 156 →					44	20	x	x		
35mm <sup>2</sup>	← 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.

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INCREASED SAFETY

# TERMINAL ENCLOSURES

INCREASED SAFETY ENCLOSURES

## TN Series 30" x 24" Clamped Door

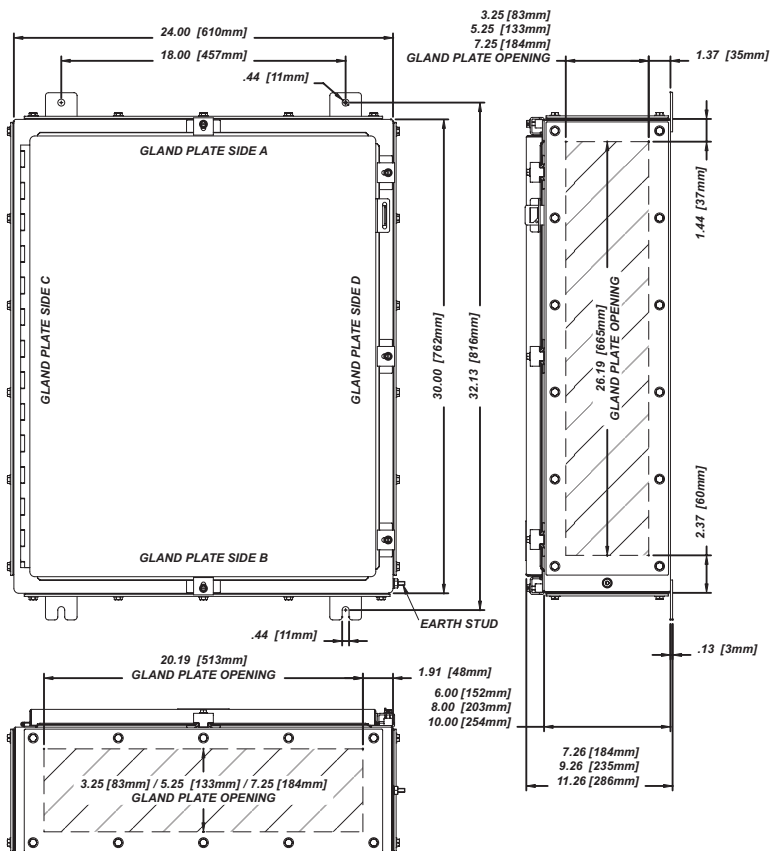
STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	
CATALOG NUMBER	GLAND PLATE
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
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
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

6" [152.4mm] Depth

8" [203.2mm] Depth

10" [254.0mm] Depth



### 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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>
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	←143→	69	x	x	x	x	x
	2.5mm <sup>2</sup>	←625→	46	27	x	x	x	x
	4mm <sup>2</sup>	←625→	179	52	29	x	x	x
	6mm <sup>2</sup>	←395→	56	22	x	x	x	x
	10mm <sup>2</sup>	←315→	55	18	x	x	x	x
	16mm <sup>2</sup>	←156→	45	21	x	x	x	x
35mm <sup>2</sup>	←78→	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.

# TERMINAL ENCLOSURES

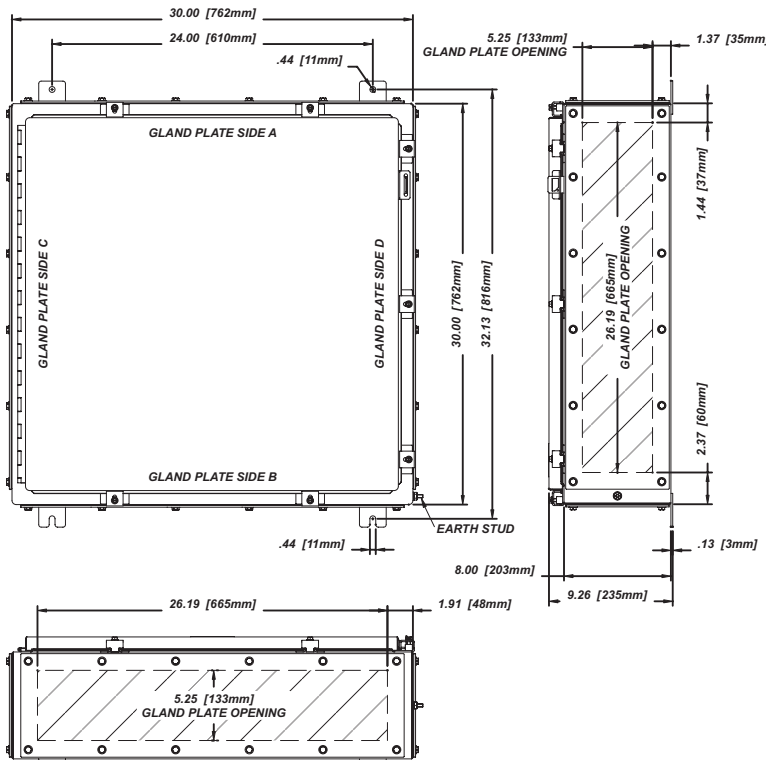
TN Series

## 30" x 30" Clamped Door

INCREASED SAFETY ENCLOSURES

STAINLESS STEEL 316L

8" (203.2mm) Depth	ENCLOSURES WITH TERMINALS	
	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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>				
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 <sup>2</sup>	←156→	76	x	x	x	x	x	x	x	x	
	2.5mm <sup>2</sup>	←875→		50	29	x	x	x	x	x	x	
	4mm <sup>2</sup>	←875→		196	57	32	x	x	x	x	x	
	6mm <sup>2</sup>		←553→			62	24	x	x	x	x	
	10mm <sup>2</sup>			←378→				60	19	x	x	x
	16mm <sup>2</sup>				←260→					50	23	x
35mm <sup>2</sup>											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.

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INCREASED SAFETY

# TERMINAL ENCLOSURES

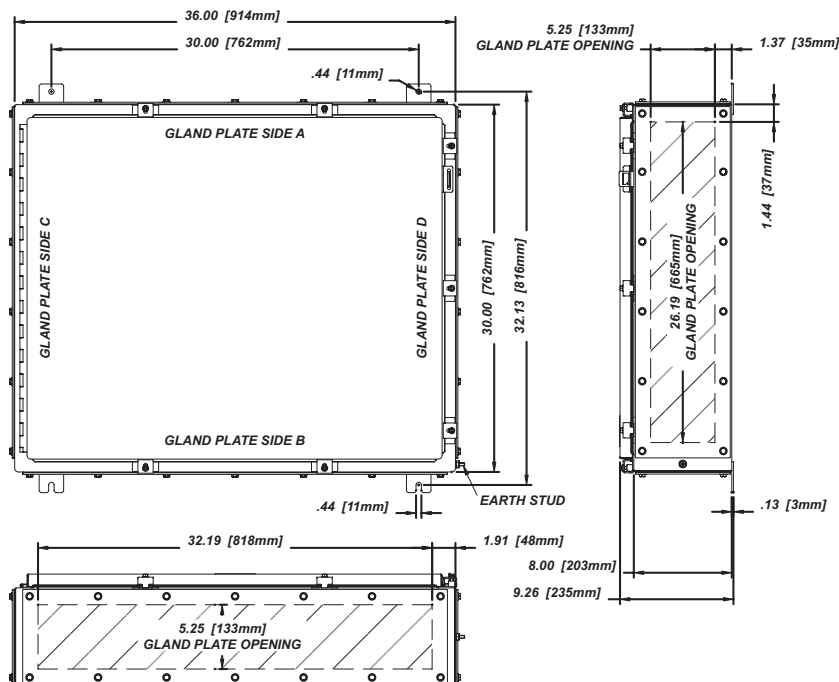
INCREASED SAFETY ENCLOSURES

## TN Series 30" x 36" Clamped Door

STAINLESS STEEL 316L

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

8" [203.2mm] Depth



### 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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
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 <sup>2</sup>	←161→	80	x	x	x	x	x	x	x	x
	2.5mm <sup>2</sup>	←1000→		53	31	x	x	x	x	x	x
	4mm <sup>2</sup>	←1000→		208	60	34	x	x	x	x	x
	6mm <sup>2</sup>		←632→			66	25	x	x	x	x
	10mm <sup>2</sup>			←441→			64	21	x	x	x
	16mm <sup>2</sup>				←312→			53	24	x	x
	35mm <sup>2</sup>									97	25

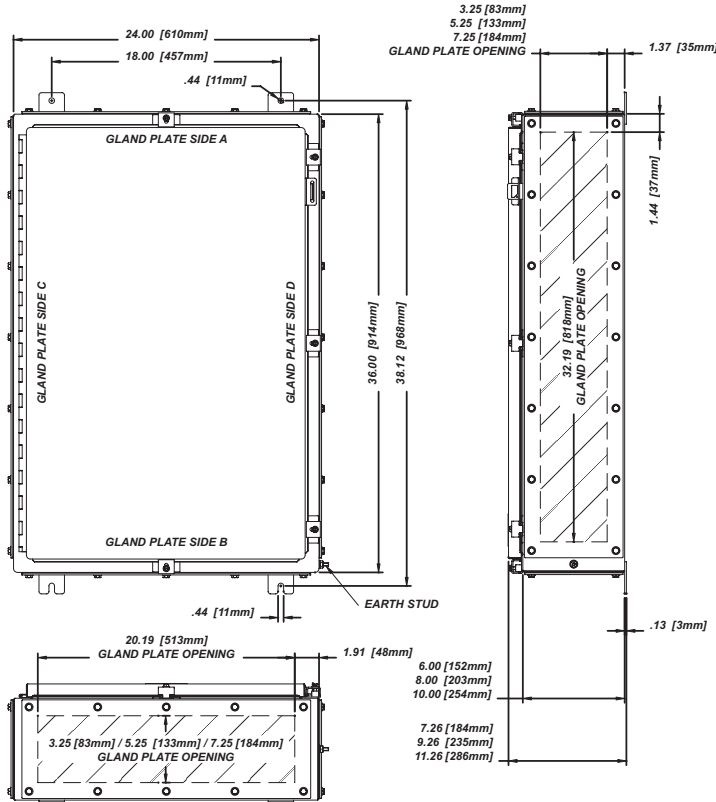
- NOTES**
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  - For applications requiring multiple terminal block configurations and ampacities, consult factory.
  - For applications requiring larger terminal blocks or custom enclosure sizes, consult factory.
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# TERMINAL ENCLOSURES

TN Series

## 36" x 24" Clamped Door

INCREASED SAFETY ENCLOSURES



STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS		
Depth	Catalog Number	Gland Plate
6" [152.4mm]	TN4X6-362406	None
	TN4X6-362406-B	Side B
	TN4X6-362406-AB	Sides A & B
	TN4X6-362406-BCD	Sides B, C & D
	TN4X6-362406-ABCD	Sides A, B, C & D
8" [203.2mm]	TN4X6-362408	None
	TN4X6-362408-B	Side B
	TN4X6-362408-AB	Sides A & B
	TN4X6-362408-BCD	Sides B, C & D
10" [254.0mm]	TN4X6-362410	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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
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 <sup>2</sup>	←149→	72	x	x	x	x	x	x	x	x
	2.5mm <sup>2</sup>	←780→		48	28	x	x	x	x	x	x
	4mm <sup>2</sup>	←780→		187	54	30	x	x	x	x	x
	6mm <sup>2</sup>	←495→				59	23	x	x	x	x
	10mm <sup>2</sup>	←300→					57	18	x	x	x
	16mm <sup>2</sup>	←195→						47	22	x	x
35mm <sup>2</sup>									←96→	88	23

- NOTES**
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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.
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INCREASED SAFETY

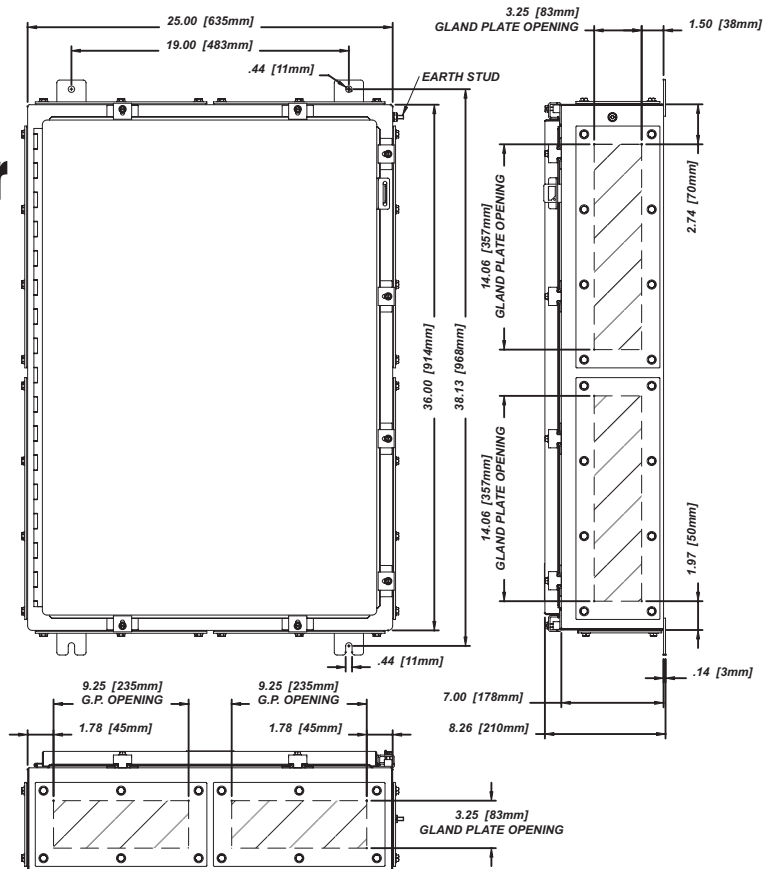
# TERMINAL ENCLOSURES

INCREASED SAFETY ENCLOSURES

## TN Series 36" x 25" x 7" Clamped Door

STAINLESS STEEL 316L

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	
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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
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 <sup>2</sup>	←152→		74	x	x	x	x	x	x	x	
	2.5mm <sup>2</sup>	←936→			49	28	x	x	x	x	x	
	4mm <sup>2</sup>	←936→			190	55	31	x	x	x	x	
	6mm <sup>2</sup>	←594→				60	28	x	x	x	x	
	10mm <sup>2</sup>	←390→					58	19	x	x	x	
	16mm <sup>2</sup>	←260→						48	27	x	x	
35mm <sup>2</sup>	←96→								89	23		

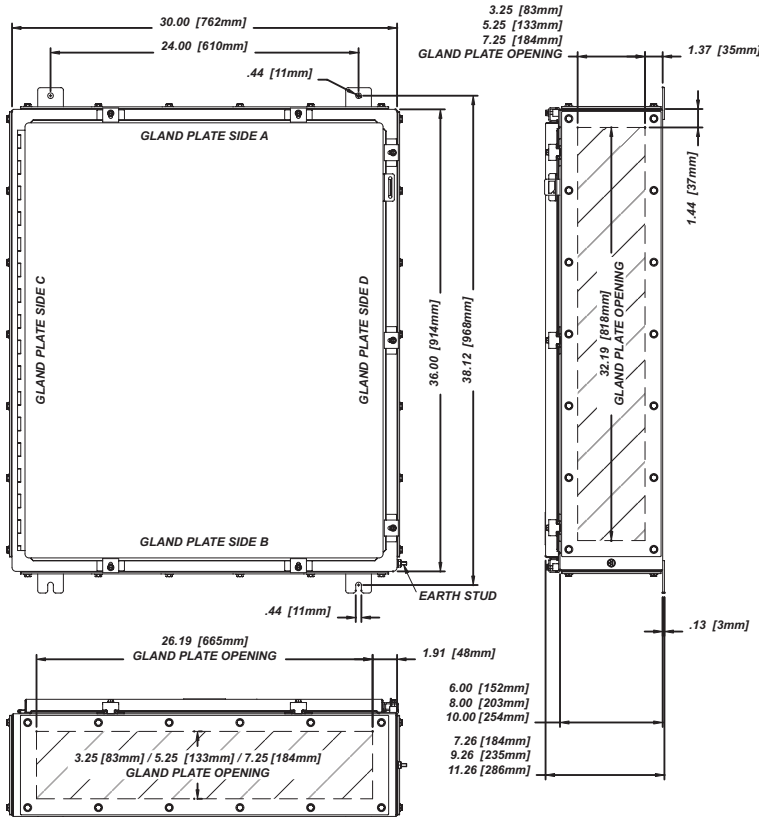
- NOTES**
1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
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  3. For applications requiring multiple terminal block configurations and ampacities, consult factory.
  4. For applications requiring larger terminal blocks or 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.

# TERMINAL ENCLOSURES

TN Series

## 36" x 30" Clamped Door

INCREASED SAFETY ENCLOSURES



STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS		
	CATALOG NUMBER	GLAND PLATE
6" [152.4mm] Depth	TN4X6-363006	None
	TN4X6-363006-B	Side B
	TN4X6-363006-AB	Sides A & B
	TN4X6-363006-BCD	Sides B, C & D
8" [203.2mm] Depth	TN4X6-363008	None
	TN4X6-363008-B	Side B
	TN4X6-363008-AB	Sides A & B
	TN4X6-363008-BCD	Sides B, C & D
10" [254.0mm] Depth	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					
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	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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
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 <sup>2</sup>	←161→	80	x	x	x	x	x	x	x	x
	2.5mm <sup>2</sup>	←1092→		53	31	x	x	x	x	x	x
	4mm <sup>2</sup>	←1092→		208	60	34	x	x	x	x	x
	6mm <sup>2</sup>		←693→			66	25	x	x	x	x
	10mm <sup>2</sup>			←468→			64	21	x	x	x
	16mm <sup>2</sup>				←325→			53	24	x	x
35mm <sup>2</sup>					←144→					97	25

- NOTES**
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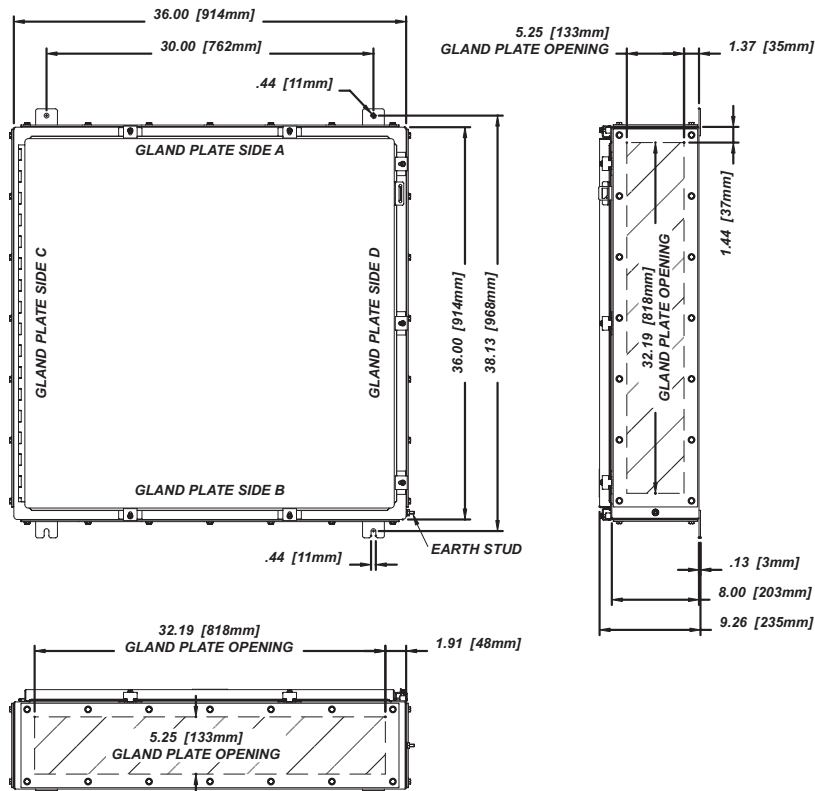
# TERMINAL ENCLOSURES

INCREASED SAFETY ENCLOSURES

## TN Series 36" x 36" Clamped Door

STAINLESS STEEL 316L

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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
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 <sup>2</sup>	←179→	87	x	x	x	x	x	x	x	x
	2.5mm <sup>2</sup>	←1248→	57	33	x	x	x	x	x	x	x
	4mm <sup>2</sup>	←1248→	224	65	37	x	x	x	x	x	x
	6mm <sup>2</sup>	←792→			71	27	x	x	x	x	x
	10mm <sup>2</sup>	←546→				69	22	x	x	x	x
	16mm <sup>2</sup>	←390→					57	26	x	x	x
35mm <sup>2</sup>				←144→				105		27	

- NOTES**
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  - 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 enclosure sizes, consult factory.
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# TERMINAL ENCLOSURES

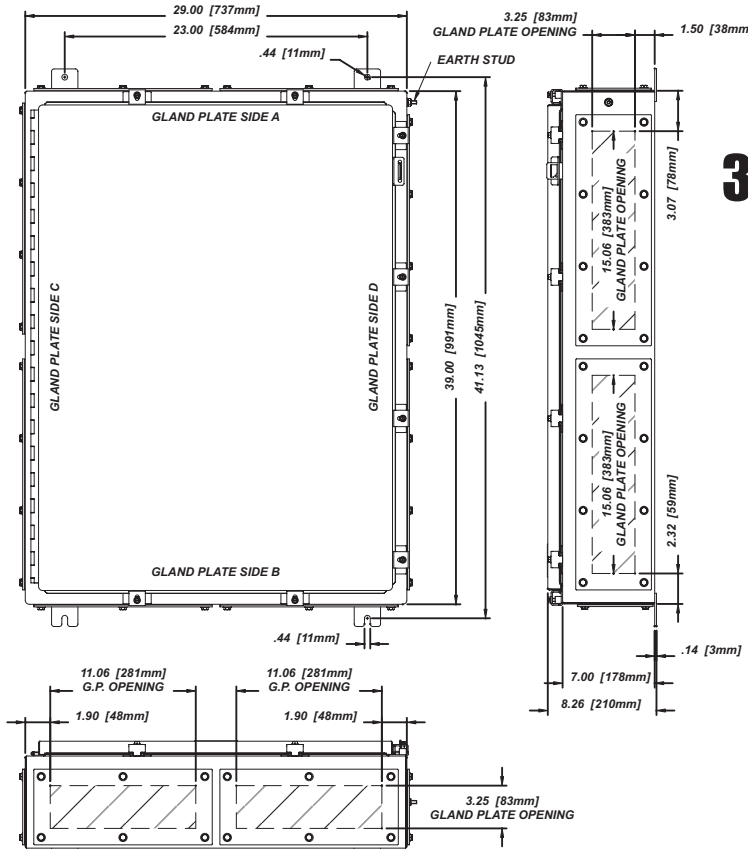
TN Series

## 39" x 29" x 7" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS		
Depth	CATALOG NUMBER	GLAND PLATE
7" [177.8mm]	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

INCREASED SAFETY ENCLOSURES



### MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES		WITH GLAND PLATES	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	115	150	18	24
3/4	M20	76	100	14	20
1	M25	45	60	6	8
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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
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 <sup>2</sup>	← 167 →		81	x	x	x	x	x	x	x	
	2.5mm <sup>2</sup>	← 1197 →			54	31	x	x	x	x	x	
	4mm <sup>2</sup>	← 1197 →			209	60	34	x	x	x	x	
	6mm <sup>2</sup>	← 756 →				66	26	x	x	x	x	
	10mm <sup>2</sup>	← 516 →					64	21	x	x	x	
	16mm <sup>2</sup>	← 284 →						53	24	x	x	
35mm <sup>2</sup>	← 106 →								98	26		

- 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.

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INCREASED SAFETY

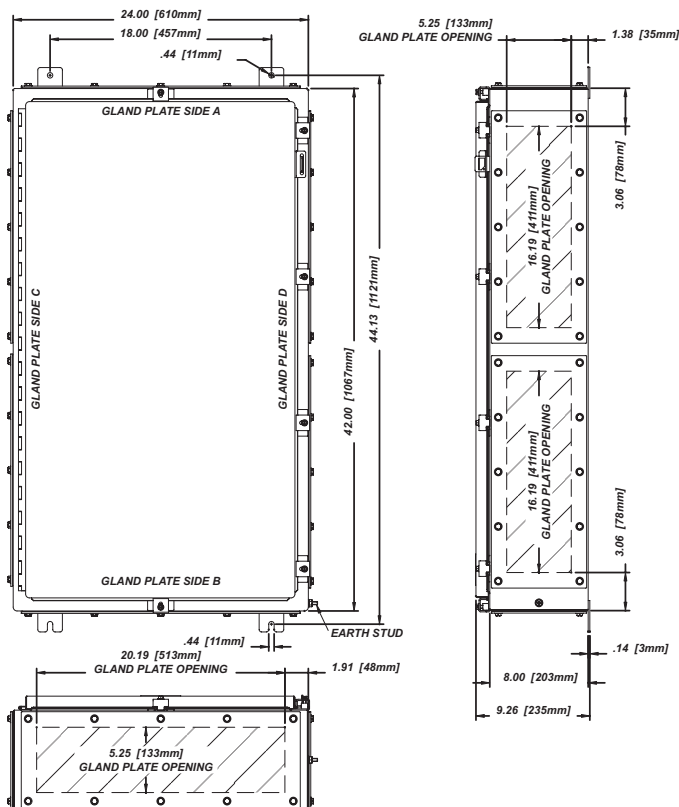
# TERMINAL ENCLOSURES

INCREASED SAFETY ENCLOSURES

## TN Series 42" x 24" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS		
Depth	CATALOG NUMBER	GLAND PLATE
8" [203.2mm]	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					
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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
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 <sup>2</sup>	←153→		74	x	x	x	x	x	x	x	x
	2.5mm <sup>2</sup>	←930→			49	29	x	x	x	x	x	x
	4mm <sup>2</sup>	←930→			191	55	31	x	x	x	x	x
	6mm <sup>2</sup>	←590→				60	28	x	x	x	x	x
	10mm <sup>2</sup>	←470→					59	19	x	x	x	x
	16mm <sup>2</sup>	←234→						49	22	x	x	x
35mm <sup>2</sup>	←116→								90	x	x	x

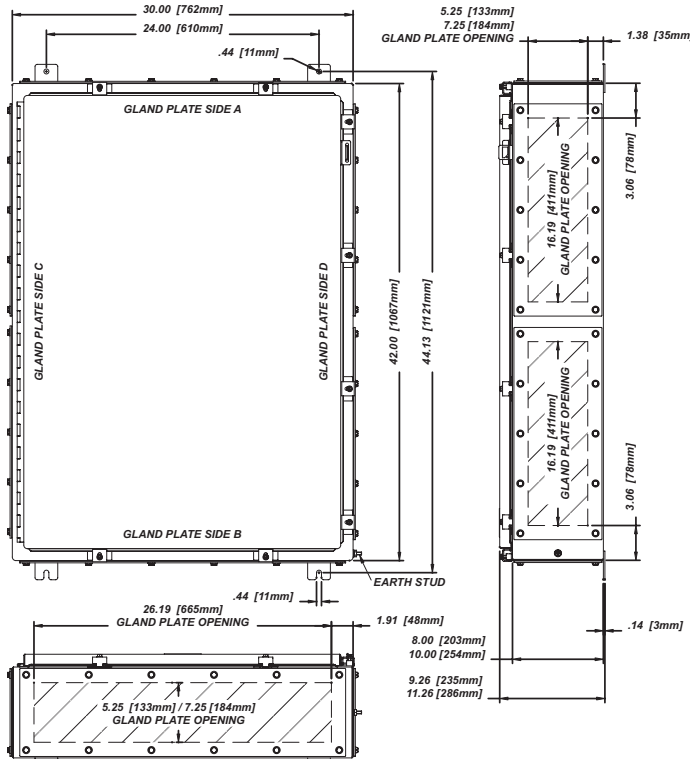
- NOTES**
1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
  2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
  3. For applications requiring multiple terminal block configurations and ampacities, consult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

# TERMINAL ENCLOSURES

TN Series

## 42" x 30" Clamped Door

INCREASED SAFETY 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					
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	-	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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>
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 <sup>2</sup>	←172→	84	x	x	x	x	x
	2.5mm <sup>2</sup>	←1302→		55	32	x	x	x
	4mm <sup>2</sup>	←1302→		216	63	35	x	x
	6mm <sup>2</sup>		←826→			68	27	x
	10mm <sup>2</sup>			←564→			66	21
	16mm <sup>2</sup>				←390→			55
35mm <sup>2</sup>								←174→

- 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.
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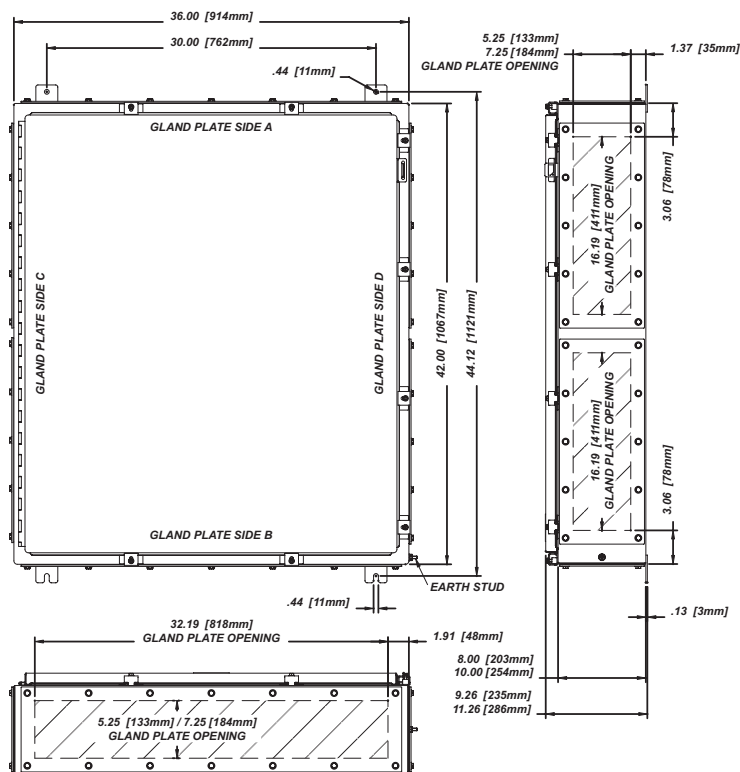
# TERMINAL ENCLOSURES

INCREASED SAFETY ENCLOSURES

## TN Series 42" x 36" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS		
	CATALOG NUMBER	GLAND PLATE
8" [203.2mm] Depth	TN4X6-423608	None
	TN4X6-423608-B	Side B
	TN4X6-423608-AB	Sides A & B
	TN4X6-423608-BCD	Sides B, C & D
	TN4X6-423608-ABCD	Sides A, B, C & D
10" [254.0mm] Depth	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					
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

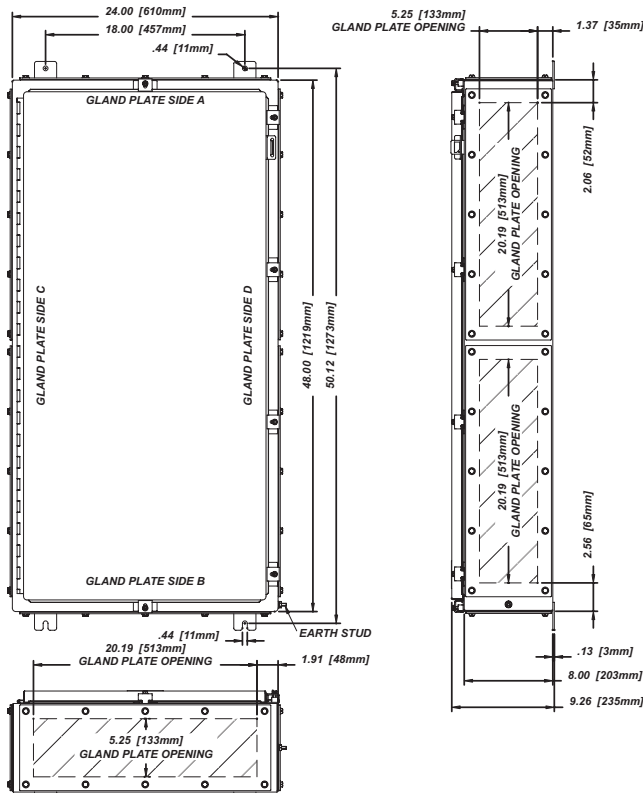
MIN CONDUCTOR SIZE	.5mm <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
MIN CONDUCTOR SIZE AWG	22	16	14	12	10	8	6	2			
MAXIMUM AMPERAGE	3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm <sup>2</sup>	←188→	91	x	x	x	x	x	x	x	x
	2.5mm <sup>2</sup>	←1488→		61	35	x	x	x	x	x	x
	4mm <sup>2</sup>	←1488→		236	68	39	x	x	x	x	x
	6mm <sup>2</sup>	←944→				75	28	x	x	x	x
	10mm <sup>2</sup>	←658→					72	23	x	x	x
	16mm <sup>2</sup>	←468→						60	28	x	x
35mm <sup>2</sup>										111	29

- 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.

# TERMINAL ENCLOSURES

## TN Series 48" x 24" Clamped Door

INCREASED SAFETY ENCLOSURES



STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS		
	CATALOG NUMBER	GLAND PLATE
8" [203.2mm] Depth	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 <sup>6</sup>					
Sides A & B / Sides C & D		Sides A & B						Sides C & D					
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	-	114	-	-	222	-	-	64	-	-	64	-
3/4	M20	-	80	-	-	155	-	-	39	-	-	39	-
1	M25	-	52	-	-	100	-	-	33	-	-	33	-
1 1/4	M32	-	30	-	-	57	-	-	16	-	-	16	-
1 1/2	M40	-	27	-	-	54	-	-	14	-	-	14	-
2	M50	-	14	-	-	28	-	-	6	-	-	6	-
2 1/2	M63	-	12	-	-	24	-	-	5	-	-	5	-

### MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE		.5mm <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
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 <sup>2</sup>	←155→		75	x	x	x	x	x	x	x	x
	2.5mm <sup>2</sup>	←1085→			50	29	x	x	x	x	x	x
	4mm <sup>2</sup>	←1085→			195	56	32	x	x	x	x	x
	6mm <sup>2</sup>	←685→				61	24	x	x	x	x	x
	10mm <sup>2</sup>	←545→					60	19	x	x	x	x
	16mm <sup>2</sup>	←273→						49	23	x	x	x
35mm <sup>2</sup>	←134→									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.
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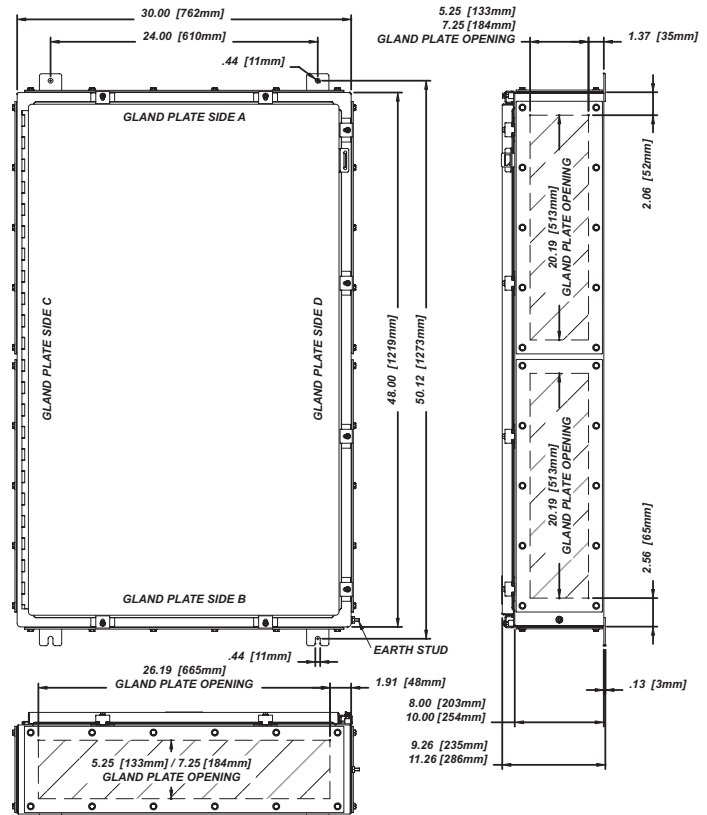
# TERMINAL ENCLOSURES

INCREASED SAFETY ENCLOSURES

## TN Series 48" x 30" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	
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
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					
		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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>
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 <sup>2</sup>	←177→	86	x	x	x	x	x
	2.5mm <sup>2</sup>	←1519→	57	33	x	x	x	x
	4mm <sup>2</sup>	←1519→	222	64	36	x	x	x
	6mm <sup>2</sup>	←959→			70	27	x	x
	10mm <sup>2</sup>	←654→				68	22	x
	16mm <sup>2</sup>	←455→					56	26
35mm <sup>2</sup>				←201→			104	27

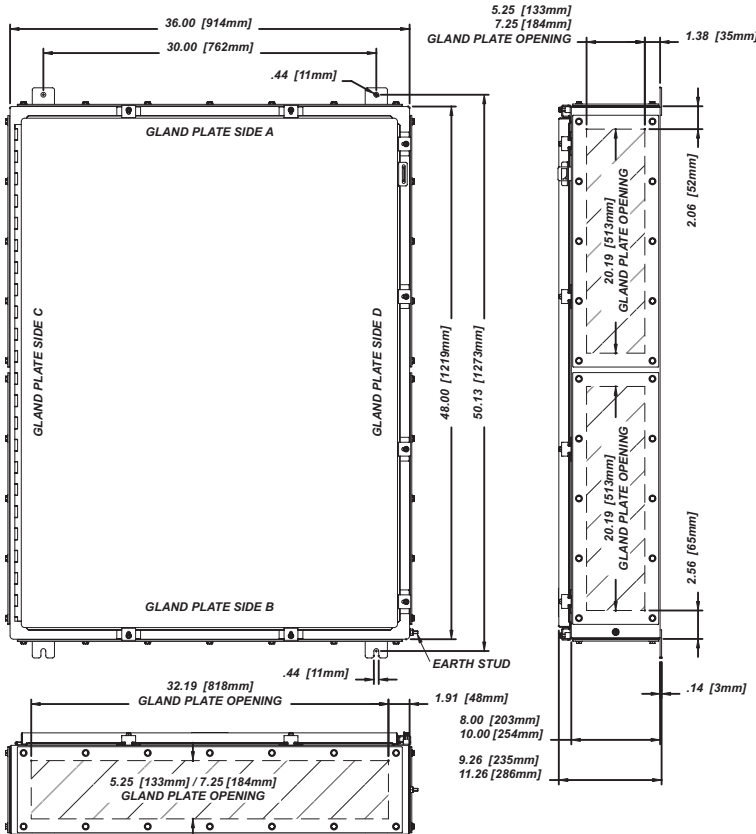
- NOTES**
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# TERMINAL ENCLOSURES

TN Series

## 48" x 36" Clamped Door

INCREASED SAFETY ENCLOSURES



STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	
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
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					
		Sides A & B			Sides C & D			Sides A & B			Sides C & D		
NPT	Metric	06	08	10	06	08	10	06	08	10	06	08	10
1/2	M16	-	174	232	-	222	296	-	100	150	-	64	96
3/4	M20	-	120	144	-	155	186	-	63	105	-	39	65
1	M25	-	76	95	-	100	125	-	51	68	-	33	44
1 1/4	M32	-	45	60	-	57	76	-	26	39	-	16	24
1 1/2	M40	-	39	52	-	54	72	-	24	24	-	14	14
2	M50	-	20	30	-	28	42	-	9	18	-	6	12
2 1/2	M63	-	18	18	-	24	24	-	8	16	-	5	10

MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE		.5mm <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
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 <sup>2</sup>	←196→		95	x	x	x	x	x	x	x	x
	2.5mm <sup>2</sup>	←1736→			63	37	x	x	x	x	x	x
	4mm <sup>2</sup>	←1736→			245	71	40	x	x	x	x	x
	6mm <sup>2</sup>	←1096→				77	30	x	x	x	x	x
	10mm <sup>2</sup>	←763→					75	24	x	x	x	x
	16mm <sup>2</sup>	←546→						62	29	x	x	x
35mm <sup>2</sup>	←201→								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.
  - 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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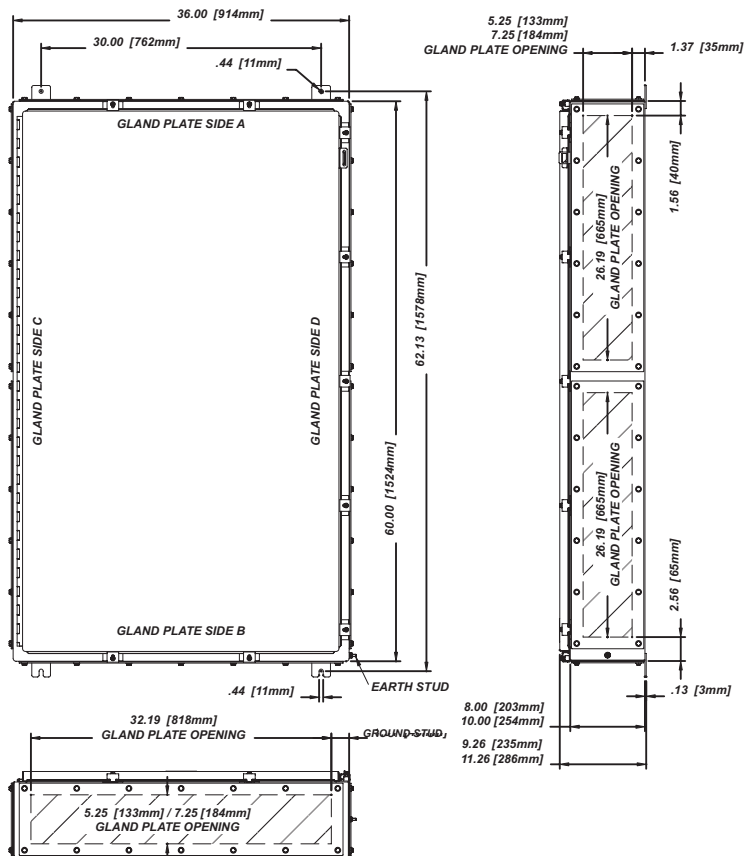
# TERMINAL ENCLOSURES

INCREASED SAFETY ENCLOSURES

## TN Series 60" x 36" Clamped Door

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS		
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	
TN4X6-603608-ABCD	Sides A, B, C & D	
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					
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 <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	35mm <sup>2</sup>			
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 <sup>2</sup>	←206→		100	x	x	x	x	x	x	x	x
	2.5mm <sup>2</sup>	←2224→			66	39	x	x	x	x	x	x
	4mm <sup>2</sup>	←2224→			258	75	47	x	x	x	x	x
	6mm <sup>2</sup>	←1408→				81	32	x	x	x	x	x
	10mm <sup>2</sup>	←980→					79	26	x	x	x	x
	16mm <sup>2</sup>	←696→						68	30	x	x	x
35mm <sup>2</sup>	←258→									121	32	

- 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 Enclosures - Empty

Adalet's Empty Single Door Clamped Enclosures are available in Stainless Steel 316L & 304. Adalet can also supply custom size enclosures, operators, and components to suit your Increased Safety Application. Silicone gaskets, removable hinge pin, box & cover ground studs including an external earthing stud and internal standoffs for mounting panels are standard.

### STANDARD FEATURES

- 68 standard enclosure sizes, available in SS316L or SS304.
- Folded lip around door opening for complete and maximum gasket contact
- Continuously welded seams and ground smooth
- Silicone cover gasket
- Hinge - continuous piano type, with removable stainless steel pin
- Ground studs - on door and box, including an external ground stud
- Welded on external mounting feet
- Padlock hasp for padlocking

### DESIGN OPTIONS

- Gland plates, pre-drilled or blank for field drilling
- Cable glands, stopping plugs, reducers, adaptors installation
- Terminal rail assemblies - any Exe terminal block
- Breather/drain
- Custom polyester powder coating and painting
- Mounting pans
- Custom size enclosures and gland plates

### MATERIAL

ENCLOSURE	<p><b>TN4X Series</b> #14 ga Stainless Steel 304 - Brushed Finish</p> <p><b>TN4X6 Series</b> #14 ga Stainless Steel 316L - Brushed Finish</p> <p><b>TN4X Gland Plates</b> #10 ga Stainless Steel 304 - Brushed Finish</p> <p><b>TN4X6 Gland Plates</b> #10 ga Stainless Steel 316L - Brushed Finish</p>	LID FIXING	<p><b>TN4X Hinge</b> Continuous piano SS304</p> <p><b>TN4X6 Hinge</b> Continuous piano SS316L</p> <p><b>TN4X Door Clamps</b> Stainless Steel 304</p> <p><b>TN4X6 Door Clamps</b> Stainless Steel 316L</p>
GASKET	<p><b>Cover</b> Silicone Sponge</p> <p><b>Gland Plates</b> Silicone Sponge</p>	GROUNDING	<p><b>Box &amp; Cover</b> 1/4-20 stud with 300 Series SS hardware</p>
ENCLOSURE MOUNTING	Four (4) external lugs with .44" clearance holes / slots		
GLAND PLATE HARDWARE	300 Series Stainless Steel		

### CERTIFICATIONS

Class II, Division 2  
 Class I, Zone 1, AEX e II  
 Ex e II (Canada)  
 NEMA Type 4  
 DEMKO 01 ATEX 0112700U  
 CE 0539 Ex II 2 GD  
 Ex e II  
 Ex tD A21 IP66

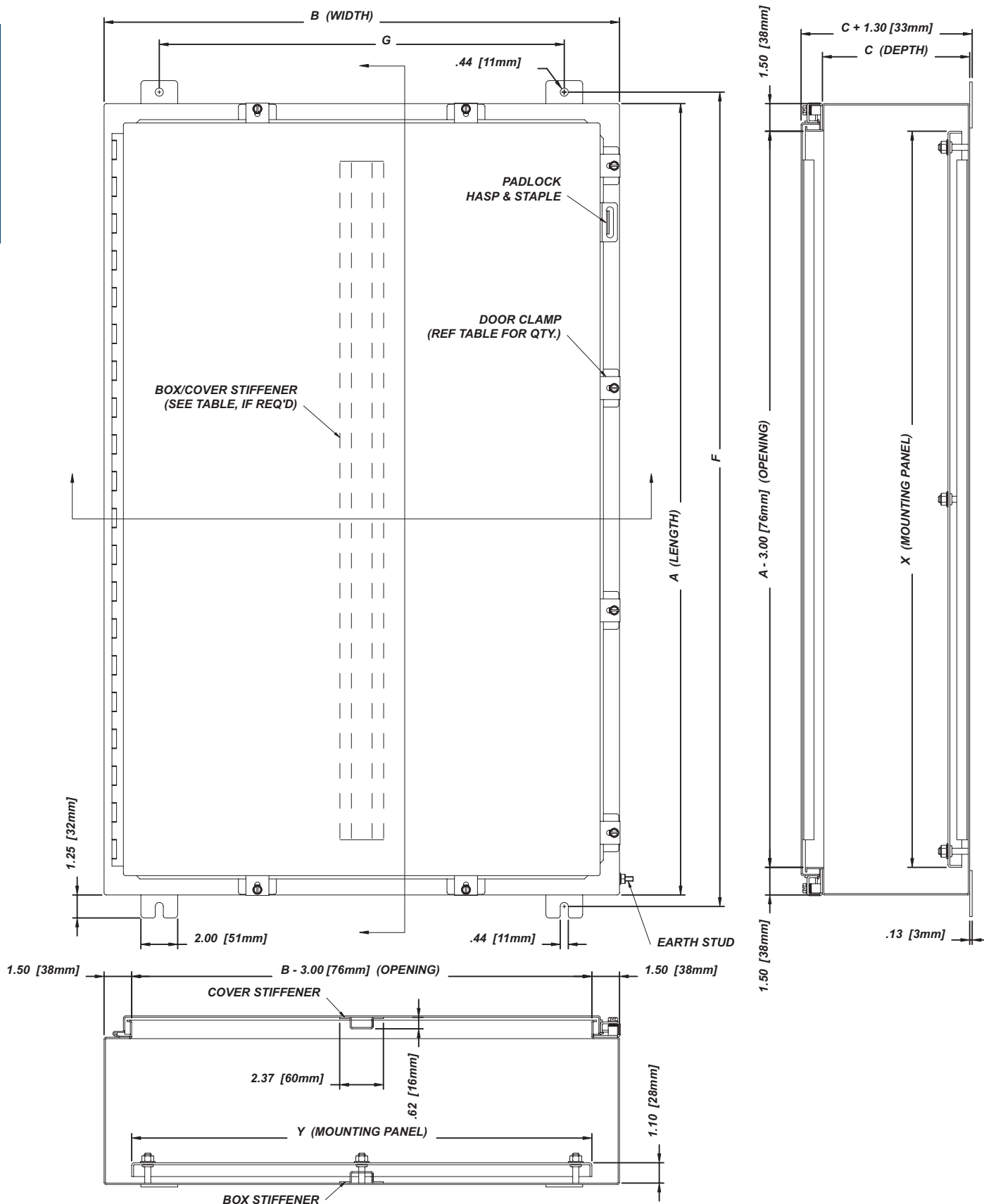
IECEx UL 10.0021U  
 Ex e II  
 Ex tD A21 IP66



# TERMINAL ENCLOSURES

# TERMINAL ENCLOSURES

INCREASED SAFETY ENCLOSURES



# TERMINAL ENCLOSURES

INCREASED SAFETY ENCLOSURES

TN Series - Empty Enclosure 316L Stainless Steel													
ENCLOSURE	GAUGE		OUTSIDE DIM.			STIFFENERS		CLAMPS #	MOUNTING CENTER		PANEL PART NO.	PANEL DIM.	
	BOX	DOOR	A	B	C	BOX	DOOR		X	Y			
TN4X6-161206U	14	14	16	12	6	-	-	4	18.13	9.5	V1612	13	9
TN4X6-161606U	14	14	16	16	6	-	-	4	18.13	10	V1616	13	13
TN4X6-162006U	14	14	16	20	6	-	-	4	18.13	14	V2016	13	17
TN4X6-201606U	14	14	20	16	6	-	-	4	22.13	10	V2016	17	13
TN4X6-202006U	14	14	20	20	6	-	-	4	22.13	14	V2020	17	17
TN4X6-202406U	14	14	20	24	6	-	-	4	22.13	18	V2420	17	21
TN4X6-241206U	14	14	24	12	6	-	-	5	26.13	9.5	V2412	21	9
TN4X6-241606U	14	14	24	16	6	-	-	5	26.13	10	V2416	21	13
TN4X6-242006U	14	14	24	20	6	-	-	5	26.13	14	V2420	21	17
TN4X6-242406U	14	14	24	24	6	-	-	5	26.13	18	V2424	21	21
TN4X6-302006U	14	14	30	20	6	-	-	5	32.13	14	V3020	27	17
TN4X6-302406U	14	14	30	24	6	-	-	5	32.13	18	V3024	27	21
TN4X6-362406U	14	14	36	24	6	-	-	5	38.13	18	V3624	33	21
TN4X6-363006U	14	14	36	30	6	REQ'D	-	7	38.13	24	V3630	33	27
TN4X6-161208U	14	14	16	12	8	-	-	4	18.13	9.5	V1612	13	9
TN4X6-161608U	14	14	16	16	8	-	-	4	18.13	10	V1616	13	13
TN4X6-162008U	14	14	16	20	8	-	-	4	18.13	14	V1620	13	17
TN4X6-201608U	14	14	20	16	8	-	-	4	22.13	10	V2016	17	13
TN4X6-202008U	14	14	20	20	8	-	-	4	22.13	14	V2020	17	17
TN4X6-202408U	14	14	20	24	8	-	-	4	22.13	18	V2024	17	21
TN4X6-241608U	14	14	24	16	8	-	-	5	26.13	10	V2416	21	13
TN4X6-242008U	14	14	24	20	8	-	-	5	26.13	14	V2420	21	17
TN4X6-242408U	14	14	24	24	8	-	-	5	26.13	18	V2424	21	21
TN4X6-243008U	14	14	24	30	8	-	-	7	26.13	24	V2430	21	27
TN4X6-302008U	14	14	30	20	8	-	-	5	32.13	14	V3020	27	17
TN4X6-302408U	14	14	30	24	8	-	-	5	32.13	18	V3024	27	21
TN4X6-303008U	14	14	30	30	8	REQ'D	-	7	32.13	24	V3030	27	27
TN4X6-362408U	14	14	36	24	8	-	-	5	38.13	18	V3624	33	21
TN4X6-363008U	14	14	36	30	8	REQ'D	-	7	38.13	24	V3630	33	27
TN4X6-363608U	14	14	36	36	8	REQ'D	REQ'D	7	38.13	30	V3636	33	33
TN4X6-423008U	14	14	42	30	8	REQ'D	REQ'D	8	44.13	24	V4230	39	27
TN4X6-423608U	14	14	42	36	8	REQ'D	REQ'D	8	44.13	30	V4236	39	33
TN4X6-483608U	14	14	48	36	8	REQ'D	REQ'D	8	50.13	30	V4836	45	33
TN4X6-201610U	14	14	20	16	10	-	-	4	22.13	10	V2016	17	13

Information is subject to change without notice

Measurements in inches

- NOTES**
- The stainless steel 304 constructions substitute TN4X6 (SS316L Prefix) with TN4X (SS304 Prefix)
  - Gland plates options area available on enclosure depths < 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. TN4X6-161608-ABCD)

# TERMINAL ENCLOSURES

INCREASED SAFETY ENCLOSURES

TN Series - Empty Enclosure 316L Stainless Steel													
ENCLOSURE	GAUGE		OUTSIDE DIM.			STIFFENERS		CLAMPS #	MOUNTING CENTER		PANEL PART NO.	PANEL DIM.	
	BOX	DOOR	A	B	C	BOX	DOOR					X	Y
TN4X6-202010U	14	14	20	20	10	-	-	4	22.13	14	V2020	17	17
TN4X6-242010U	14	14	24	20	10	-	-	5	26.13	14	V2420	21	17
TN4X6-242410U	14	14	24	24	10	-	-	5	26.13	18	V2424	21	21
TN4X6-302410U	14	14	30	24	10	-	-	5	32.13	18	V3024	27	21
TN4X6-362410U	14	14	36	24	10	-	-	5	38.13	18	V3624	33	21
TN4X6-363010U	14	14	36	30	10	REQ'D	-	7	38.13	24	V3630	33	27
TN4X6-423010U	14	14	42	30	10	REQ'D	REQ'D	8	44.13	24	V4230	39	27
TN4X6-423610U	14	14	42	36	10	REQ'D	REQ'D	8	44.13	30	V4236	39	33
TN4X6-483610U	14	14	48	36	10	REQ'D	REQ'D	8	50.13	30	V4836	45	33
TN4X6-603610U	14	14	60	36	10	REQ'D	REQ'D	9	62.13	30	V6036	57	33
TN4X6-201612U	14	14	20	16	12	-	-	4	22.13	10	V2016	17	13
TN4X6-242012U	14	14	24	20	12	-	-	5	26.13	14	V2420	21	17
TN4X6-242412U	14	14	24	24	12	-	-	5	26.13	18	V2424	21	21
TN4X6-302412U	14	14	30	24	12	-	-	5	32.13	18	V3024	27	21
TN4X6-303012U	14	14	30	30	12	REQ'D	-	7	32.13	24	V3030	27	27
TN4X6-362412U	14	14	36	24	12	-	-	5	38.13	18	V3624	33	21
TN4X6-363012U	14	14	36	30	12	REQ'D	-	7	38.13	24	V3630	33	27
TN4X6-363612U	14	14	36	36	12	REQ'D	REQ'D	7	38.13	30	V3636	33	33
TN4X6-423012U	14	14	42	30	12	REQ'D	REQ'D	8	44.13	24	V4230	39	27
TN4X6-423612U	14	14	42	36	12	REQ'D	REQ'D	8	44.13	30	V4236	39	33
TN4X6-483612U	14	14	48	36	12	REQ'D	REQ'D	8	50.13	30	V4836	45	33
TN4X6-603612U	14	14	60	36	12	REQ'D	REQ'D	9	62.13	30	V6036	57	33
TN4X6-242016U	14	14	24	20	16	-	-	5	26.13	14	V2420	21	17
TN4X6-242416U	14	14	24	24	16	-	-	5	26.13	18	V2424	21	21
TN4X6-302416U	14	14	30	24	16	-	-	5	32.13	18	V3024	27	21
TN4X6-363016U	14	14	36	30	16	REQ'D	-	7	38.13	24	V3630	33	27
TN4X6-423616U	14	14	42	36	16	REQ'D	REQ'D	8	44.13	30	V4236	39	33
TN4X6-483616U	14	14	48	36	16	REQ'D	REQ'D	8	50.13	30	V4836	45	33
TN4X6-603616U	14	14	60	36	16	REQ'D	REQ'D	9	62.13	30	V6036	57	33
TN4X6-302420U	14	14	30	24	20	-	-	5	32.13	18	V3024	27	21
TN4X6-363020U	14	14	36	30	20	REQ'D	-	7	38.13	24	V3630	33	27
TN4X6-483620U	14	14	48	36	20	REQ'D	REQ'D	8	50.13	30	V4836	45	33
TN4X6-603620U	14	14	60	36	20	REQ'D	REQ'D	9	62.13	30	V6036	57	33
TN4X6-302424U	14	14	30	24	24	-	-	5	32.13	18	V3024	27	21

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