



# 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)   |

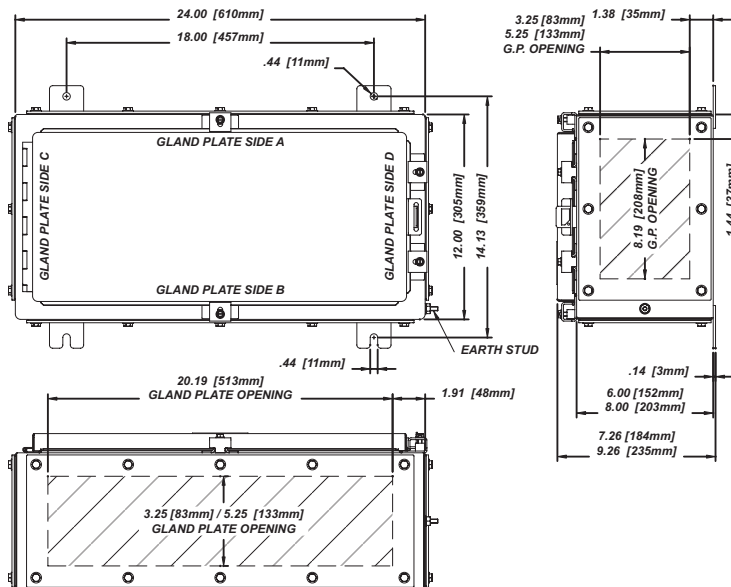
# TERMINAL ENCLOSURES

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  |

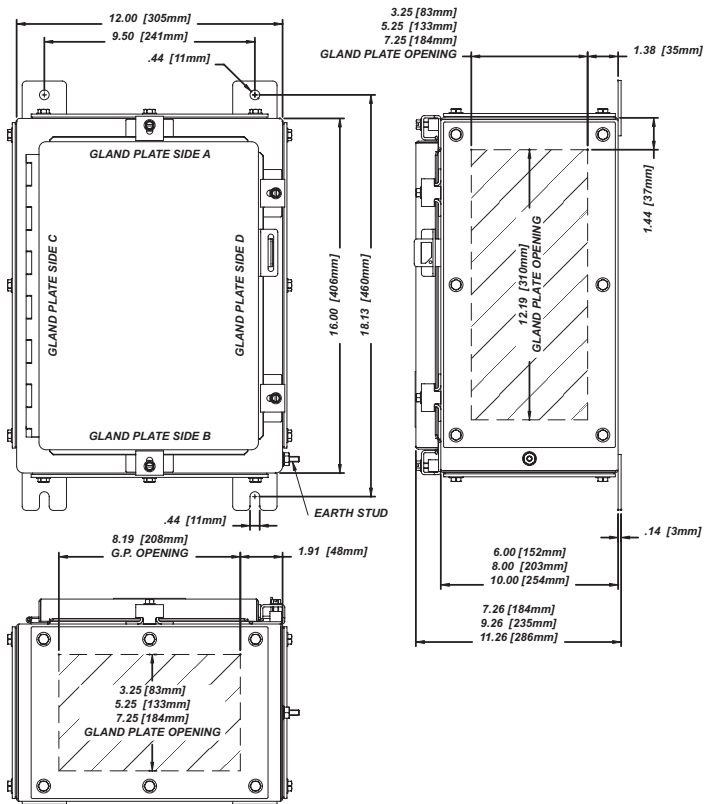
- NOTES**
- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
  - The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
  - For applications requiring multiple terminal block configurations and ampacities, consult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

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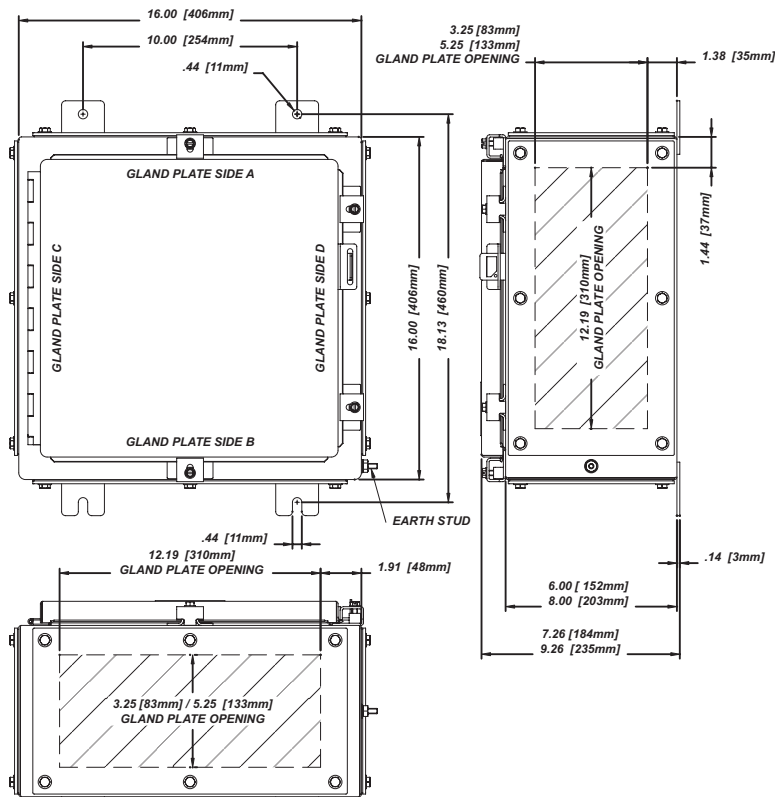
## TN Series 16" x 16" Clamped Door

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.
  5. For conduit/cable spacings, wire bending and wire conversion guidelines, refer to the inside back cover of this catalog.

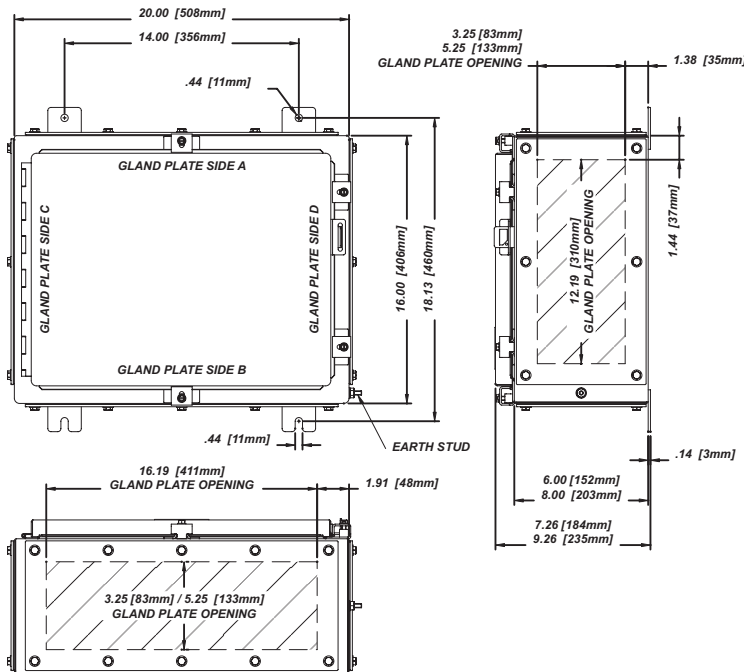
# TERMINAL ENCLOSURES

TN Series

## 16" x 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  | x   |
|                        | 10mm <sup>2</sup>  | ← 108 →            |                    |                  |                  | 42                | 13                | x                 | x  | x  | x   |
|                        | 16mm <sup>2</sup>  | ← 66 →             |                    |                  |                  |                   | 35                | 16                | x  | x  | x   |
| 35mm <sup>2</sup>      | 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.

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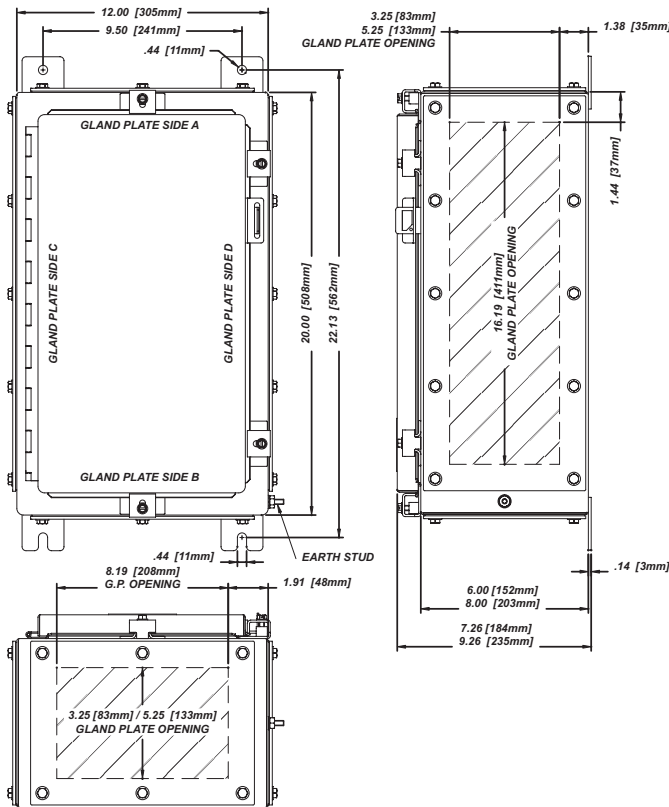
# TERMINAL ENCLOSURES

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 |



### 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.
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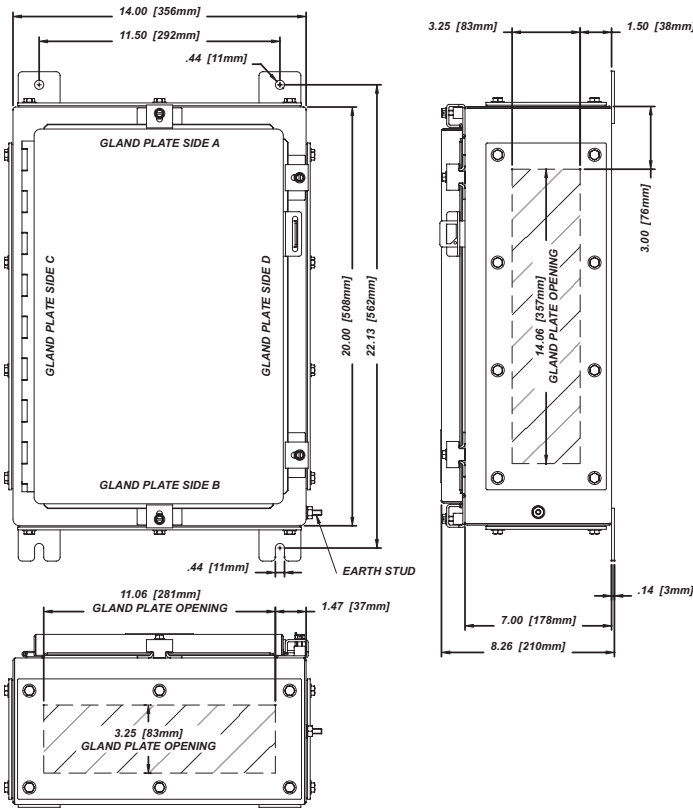


# TERMINAL ENCLOSURES

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  |     |
|                        | 4mm <sup>2</sup>   | ← 222 →           |                    |                    | 131              | 38               | 21                | 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.
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INCREASED SAFETY

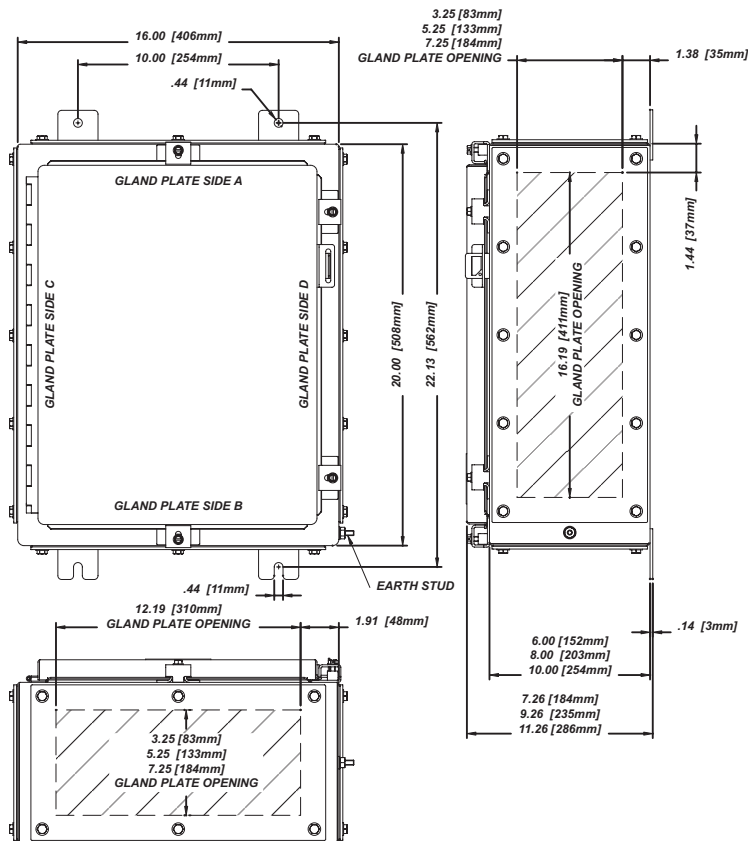
# TERMINAL ENCLOSURES

INCREASED SAFETY ENCLOSURES

## TN Series 20" x 16" Clamped Door

STAINLESS STEEL 316L

| ENCLOSURES WITH TERMINALS |                   |                   |
|---------------------------|-------------------|-------------------|
|                           | CATALOG NUMBER    | GLAND PLATE       |
| 6" [152.4mm] Depth        | 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 <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  |

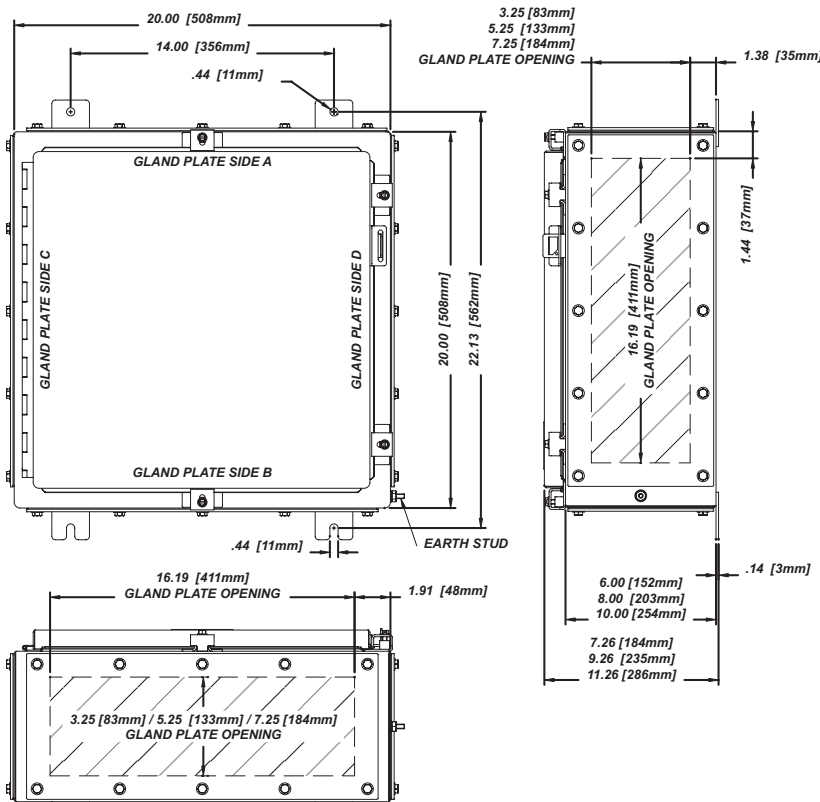
- NOTES**
1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
  2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
  3. For applications requiring multiple terminal block configurations and ampacities, consult 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 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                |
| Terminal Block Size    | 1.5mm <sup>2</sup> | ← 119 →            | 58                 | x                | x                | x                 | x                 | x                 |
|                        | 2.5mm <sup>2</sup> | ← 296 →            |                    | 38               | 22               | x                 | x                 | x                 |
|                        | 4mm <sup>2</sup>   | ← 296 →            |                    | 149              | 43               | 24                | x                 | x                 |
|                        | 6mm <sup>2</sup>   | ← 188 →            |                    |                  |                  | 47                | 18                | x                 |
|                        | 10mm <sup>2</sup>  | ← 148 →            |                    |                  |                  |                   | 46                | 15                |
|                        | 16mm <sup>2</sup>  | ← 93 →             |                    |                  |                  |                   |                   | 38                |
| 35mm <sup>2</sup>      |                    |                    |                    |                  |                  |                   |                   | ← 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.

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INCREASED SAFETY

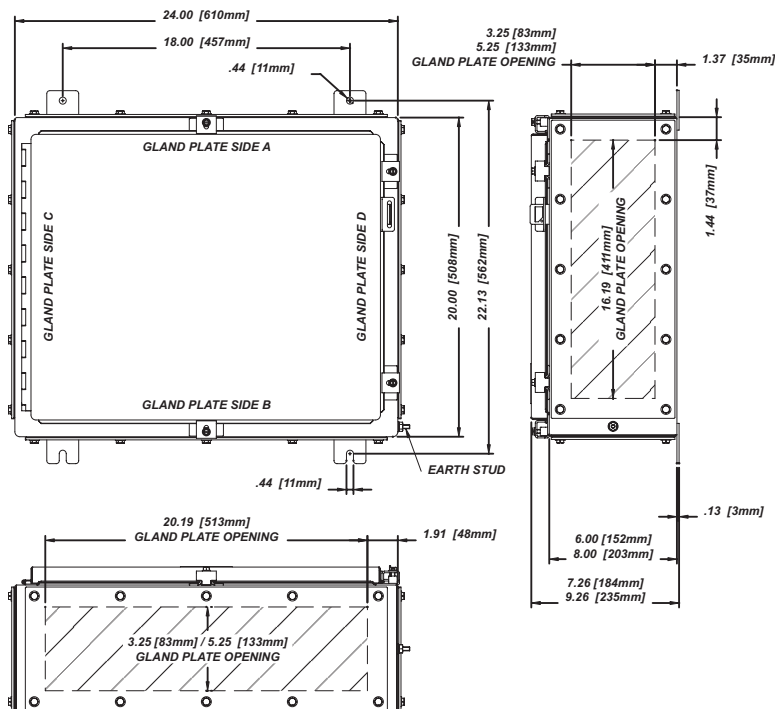
# TERMINAL ENCLOSURES

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→              |                    |                    |                  |                  |                   |                   |                   |    | 19 |     |

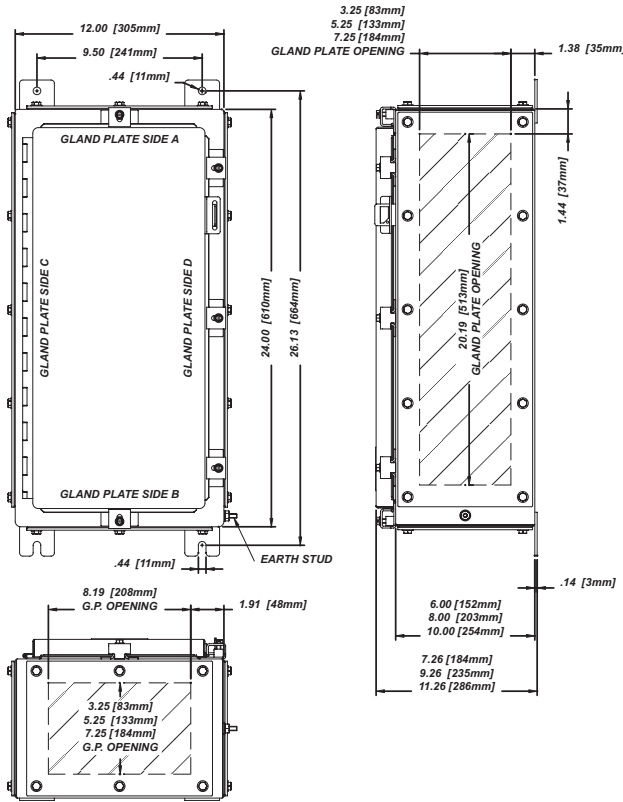
- NOTES**
- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
  - The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
  - For applications requiring multiple terminal block configurations and ampacities, consult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

# 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 |
| TN4X6-241206-ABCD         | Sides A, B, C & D |                |
| 8" [203.2mm] Depth        | 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 |                |
| 10" [254.0mm] Depth       | 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 |    |    |             |    |    |
|-------|--------|----------------------|----|----|-------------|-----|-----|-------------------|----|----|-------------|----|----|
| 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 |
| 35mm <sup>2</sup>      | x                  | 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

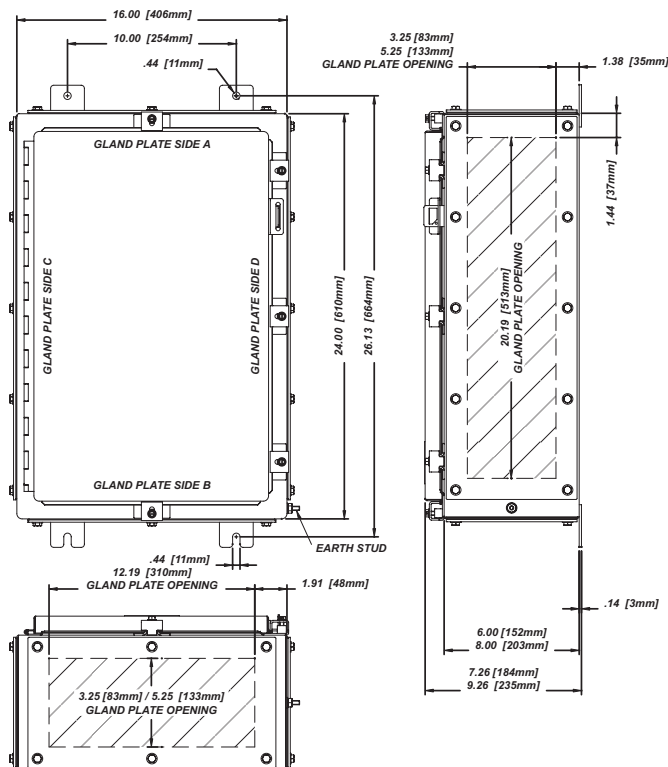
# TERMINAL ENCLOSURES

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

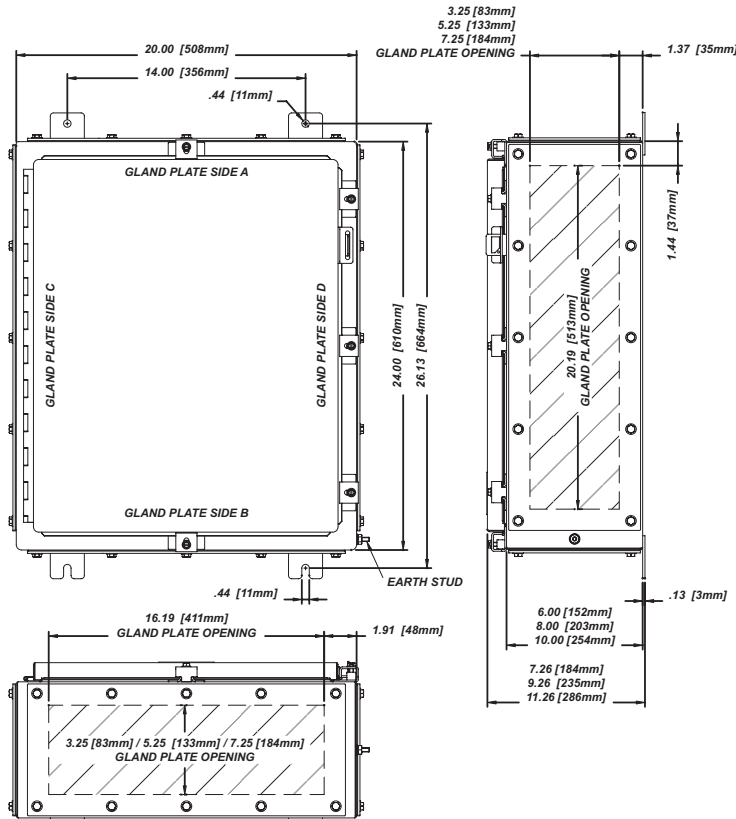
| SIZE  |        | WITHOUT GLAND PLATES |    |    |             |     |    | WITH GLAND PLATES |    |    |             |    |    |
|-------|--------|----------------------|----|----|-------------|-----|----|-------------------|----|----|-------------|----|----|
|       |        | Sides A & B          |    |    | 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→              |                    |                    |                  |                  |                   |                   |                   |    |    |     |

- 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 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 |    |    |             |    |    |
|-------|--------|----------------------|----|-----|-------------|-----|-----|-------------------|----|----|-------------|----|----|
| 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 <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      | 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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INCREASED SAFETY

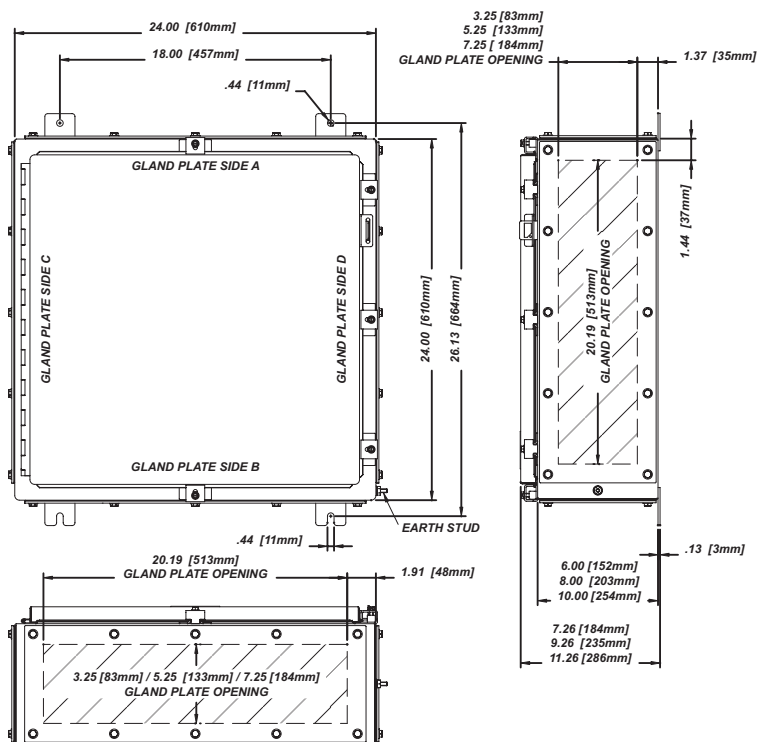
# TERMINAL ENCLOSURES

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 |



### 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

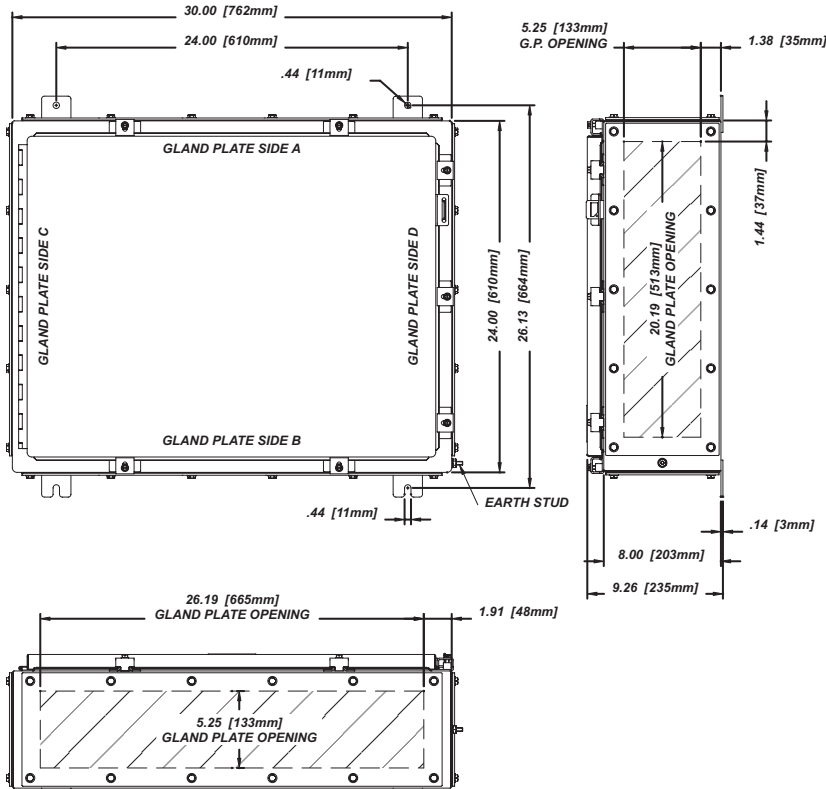
TN Series

## 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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INCREASED SAFETY

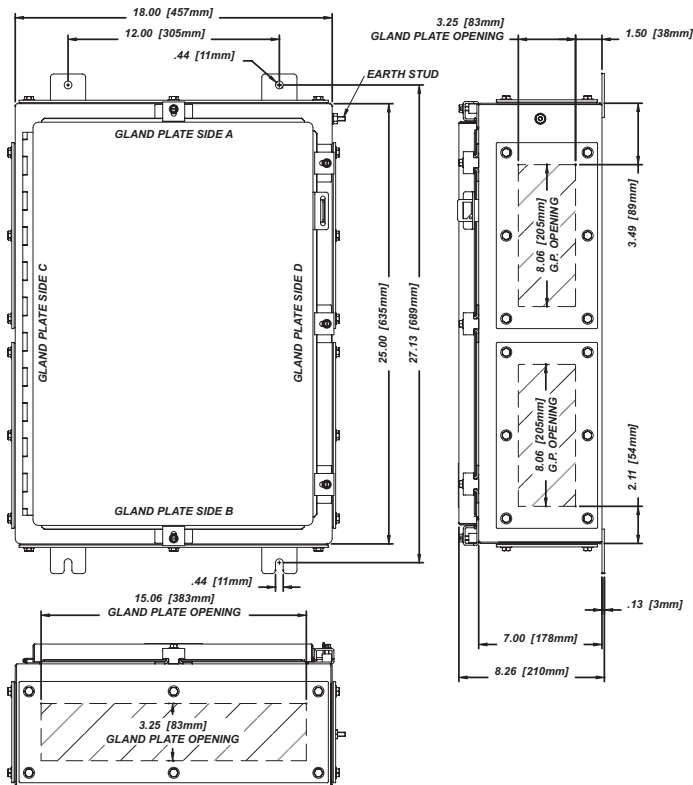
# TERMINAL ENCLOSURES

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>  |                   |                    |                    |                  |                  |                   |                   |                   |    |    | 18  |

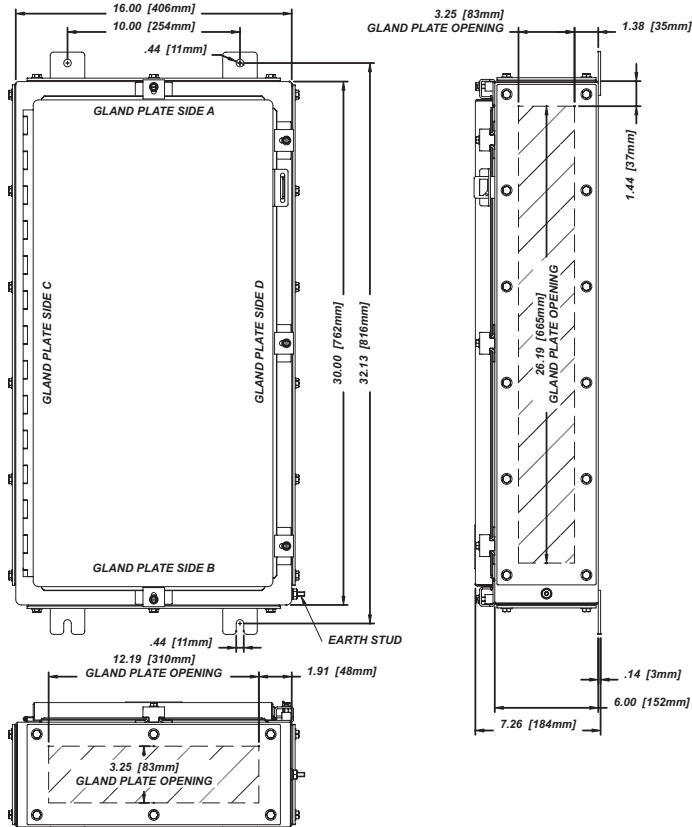
- NOTES**
1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
  2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
  3. For applications requiring multiple terminal block configurations and ampacities, consult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

6" [152.4mm] 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    | 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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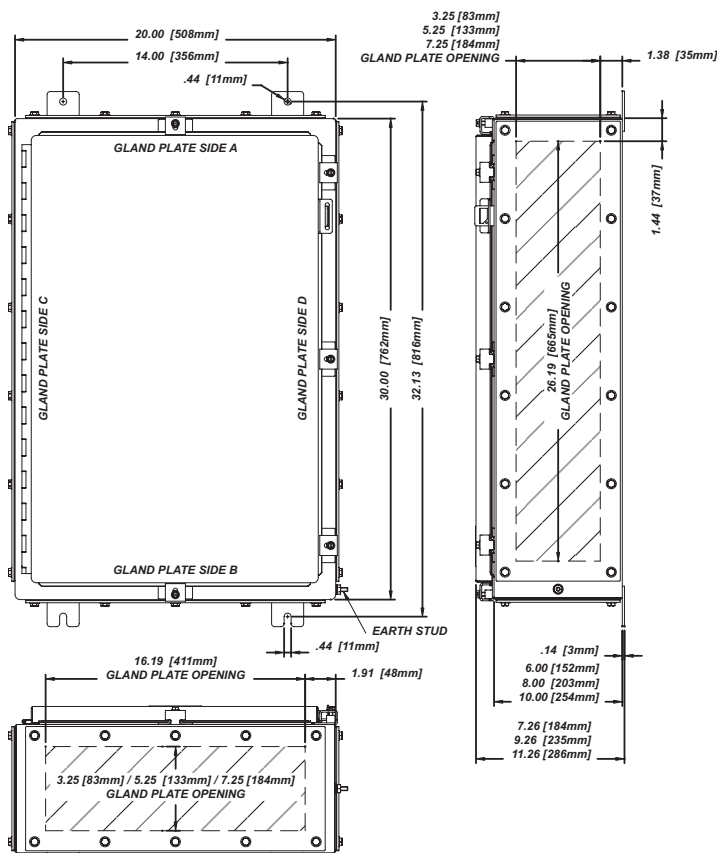
# TERMINAL ENCLOSURES

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

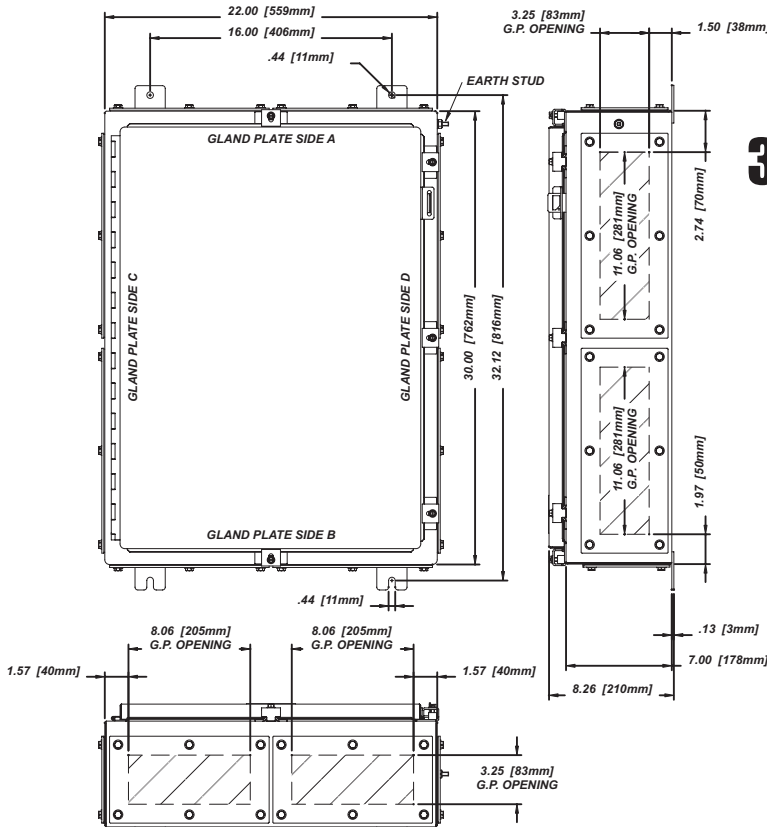
TN Series

## 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

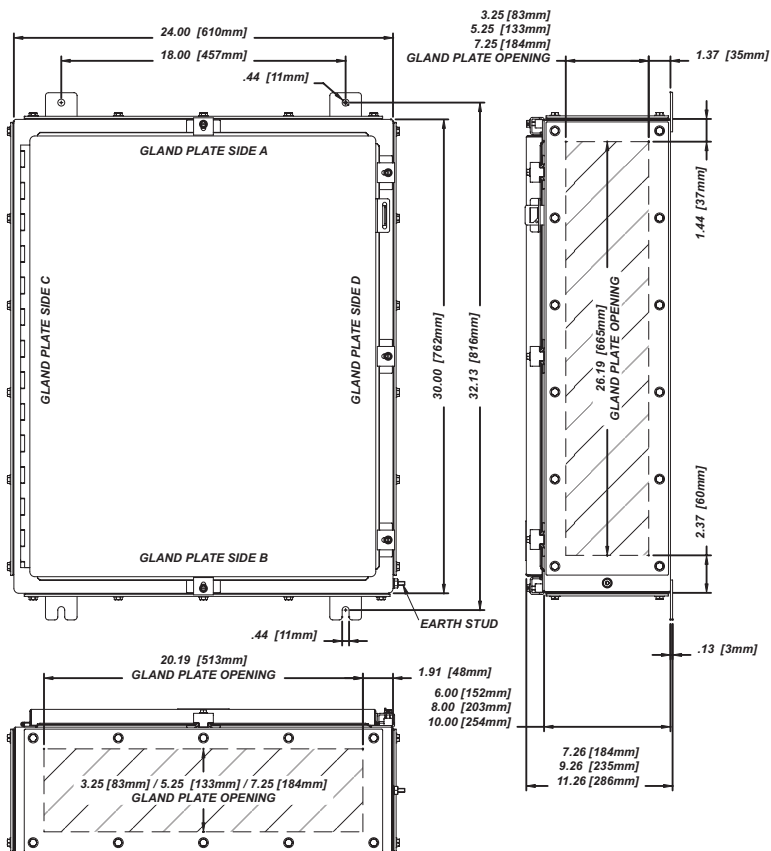
STAINLESS STEEL 316L

| 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

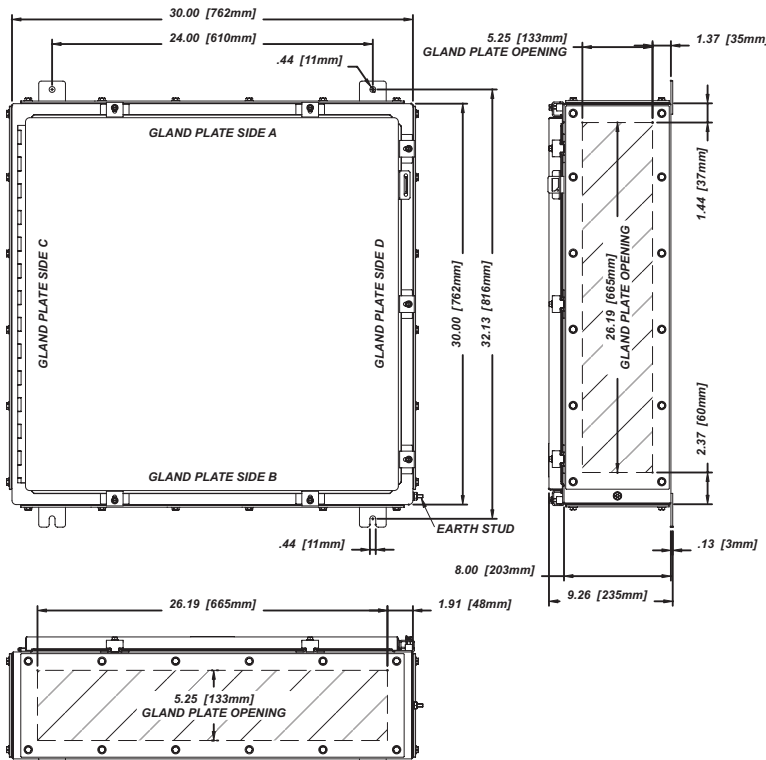
TN Series

## 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  | x   |
| 35mm <sup>2</sup>      |                    |                    |                    |                  | ←117→            |                   |                   |                   |    | 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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# TERMINAL ENCLOSURES

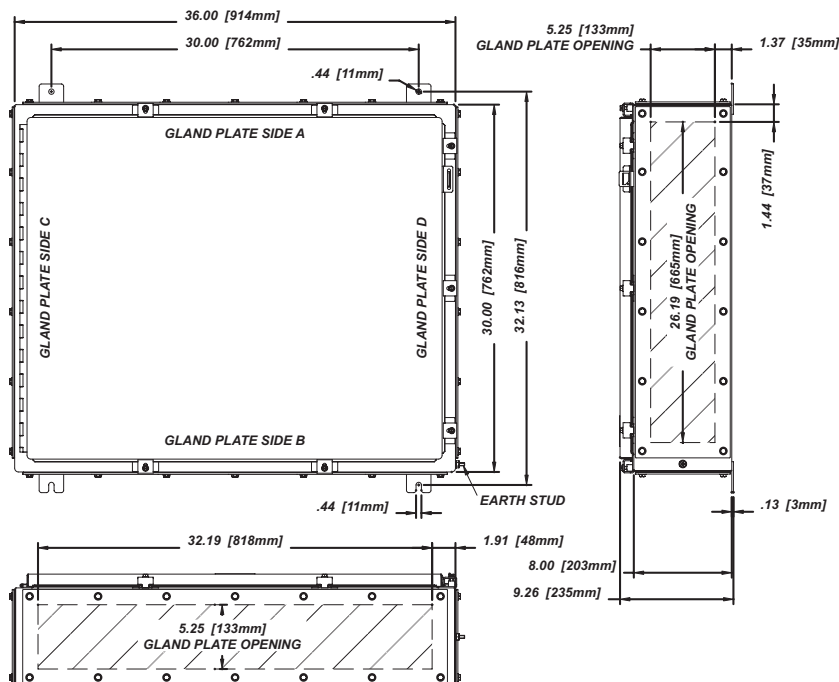
INCREASED SAFETY ENCLOSURES

## 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>  |                    |                    |                  |                  | ←117→             |                   |                   |    | 97 | 25  |

- 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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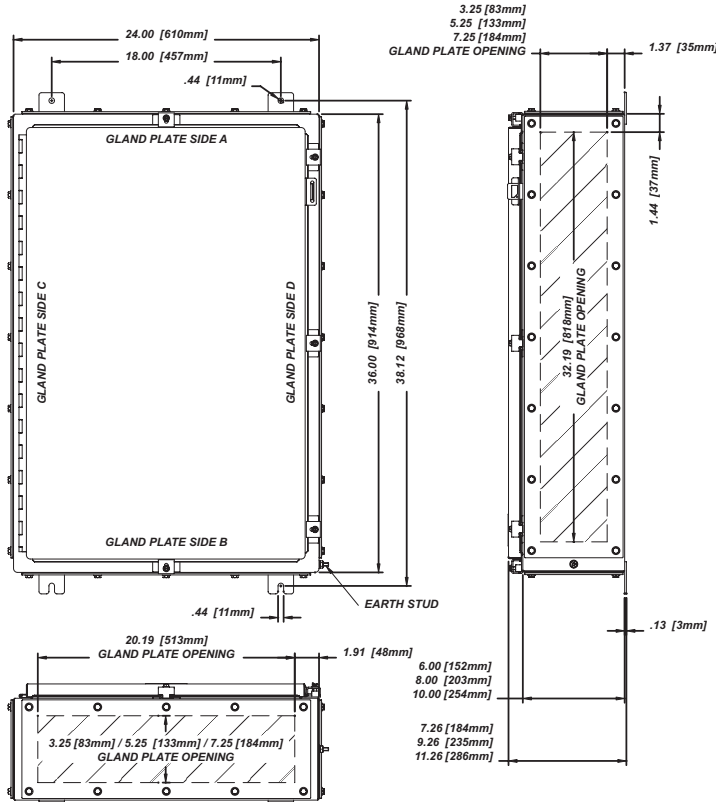


# TERMINAL ENCLOSURES

TN Series

## 36" x 24" Clamped Door

INCREASED SAFETY ENCLOSURES



STAINLESS STEEL 316L

| ENCLOSURES WITH TERMINALS |                   |                   |
|---------------------------|-------------------|-------------------|
| Depth                     | 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**
- 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

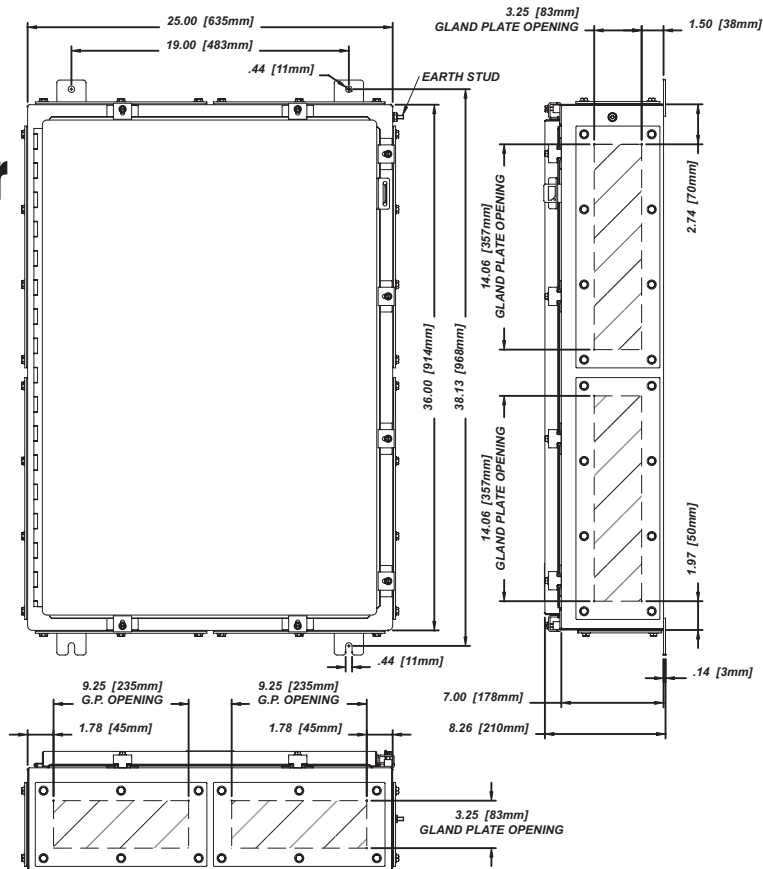
# TERMINAL ENCLOSURES

INCREASED SAFETY ENCLOSURES

## TN Series 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 |    |     |

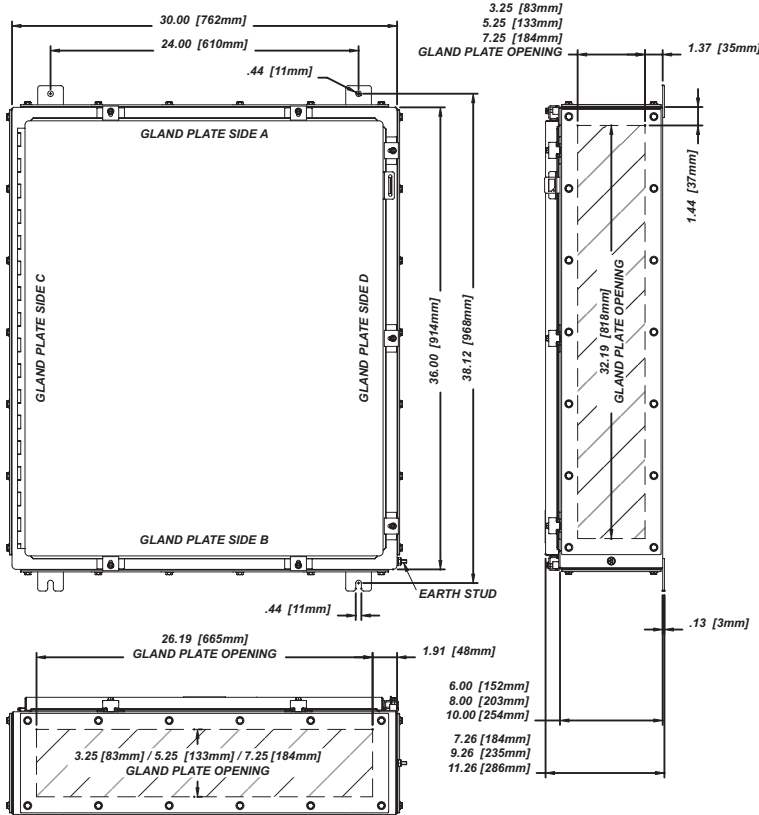
- NOTES**
- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
  - The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
  - For applications requiring multiple terminal block configurations and ampacities, consult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

## 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 |    |     |             |     |     |
|-------|--------|----------------------|-----|-----|-------------|-----|-----|-------------------|----|-----|-------------|-----|-----|
|       |        | 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 <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> | ←161→              | 80                 | x                | x                | x                 | x                 | x                 |    |
|                        | 2.5mm <sup>2</sup> | ←1092→             | 53                 | 31               | x                | x                 | x                 | x                 |    |
|                        | 4mm <sup>2</sup>   | ←1092→             | 208                | 60               | 34               | x                 | x                 | x                 |    |
|                        | 6mm <sup>2</sup>   | ←693→              |                    |                  | 66               | 25                | x                 | x                 |    |
|                        | 10mm <sup>2</sup>  | ←468→              |                    |                  |                  | 64                | 21                | x                 |    |
|                        | 16mm <sup>2</sup>  | ←325→              |                    |                  |                  |                   | 53                | 24                |    |
| 35mm <sup>2</sup>      |                    |                    |                    | ←144→            |                  |                   |                   | 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.

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INCREASED SAFETY

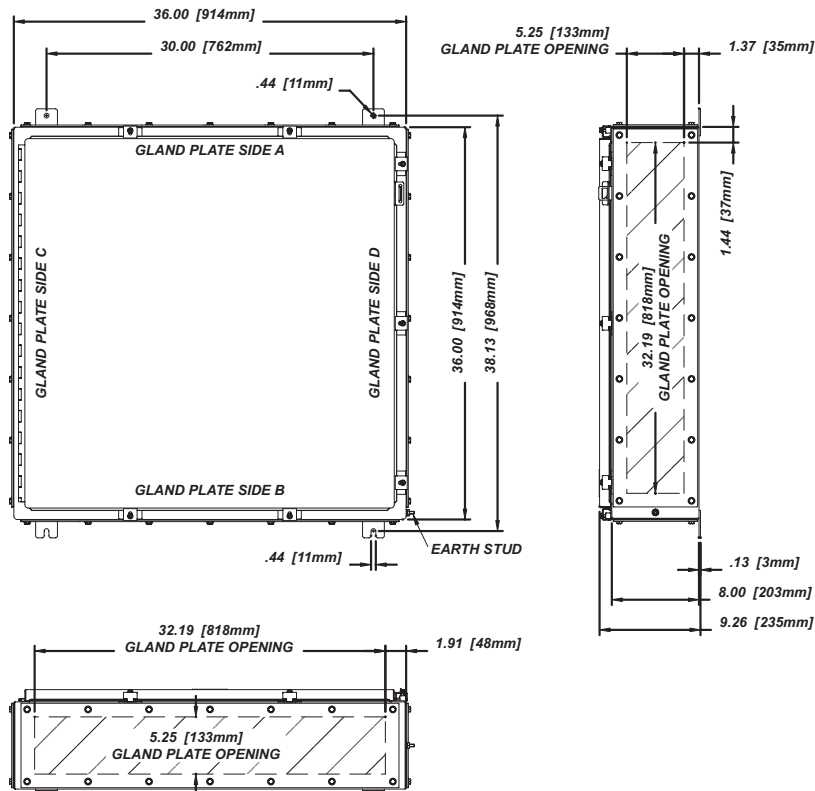
# TERMINAL ENCLOSURES

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**
- 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

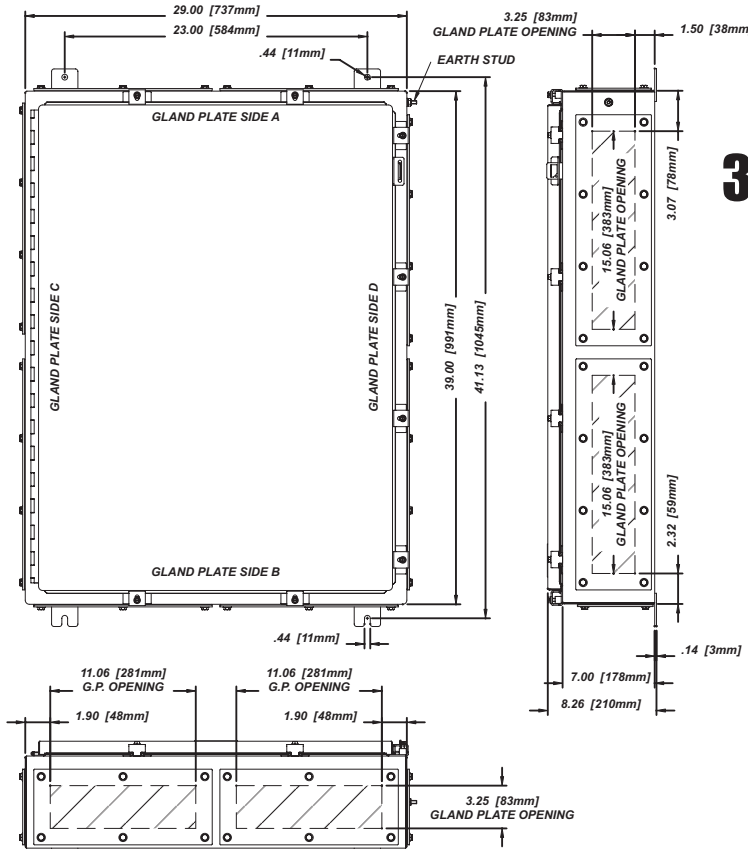
TN Series

## 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  | x  |     |
|                        | 4mm <sup>2</sup>   | ← 1197 →          |                    | 209                | 60               | 34               | x                 | 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.
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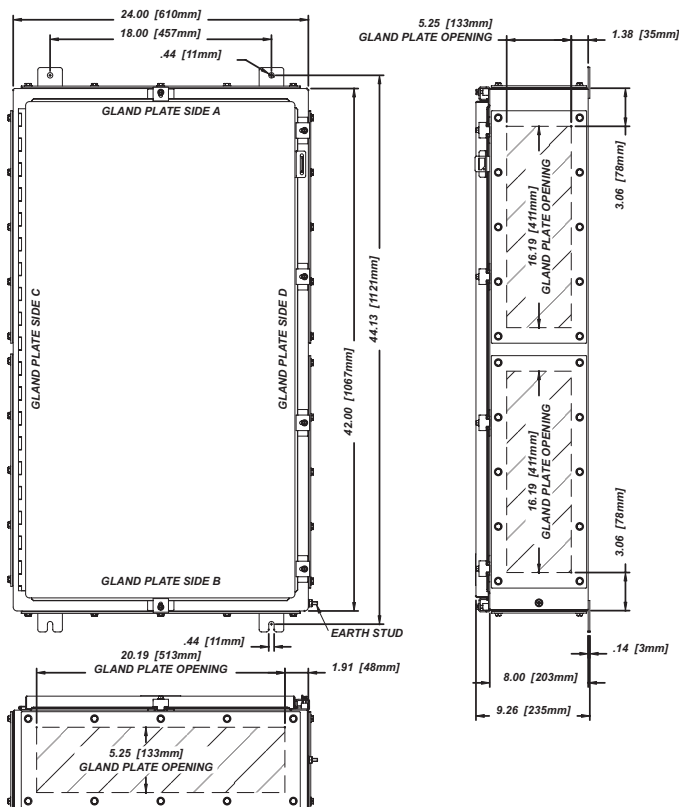
# TERMINAL ENCLOSURES

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   |

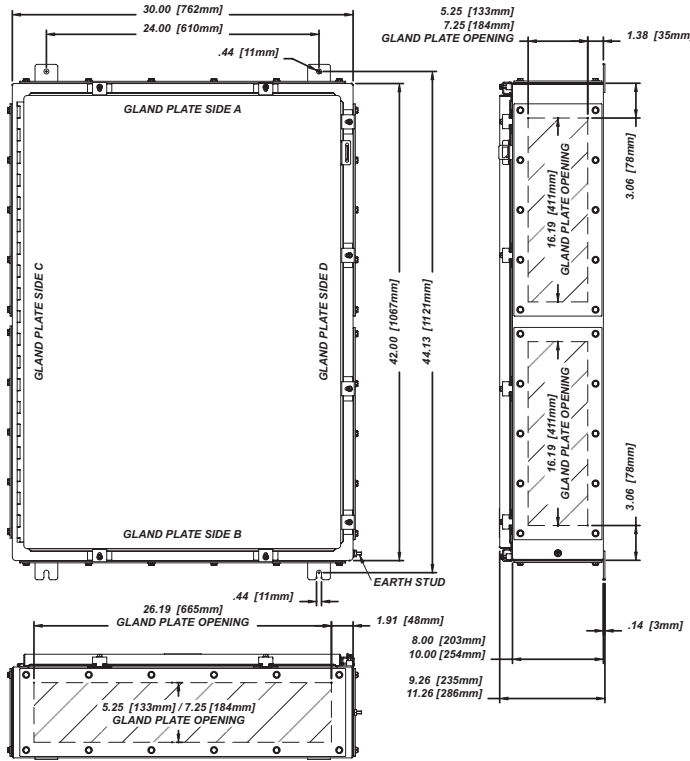
- NOTES**
1. For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
  2. The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
  3. For applications requiring multiple terminal block configurations and ampacities, consult 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 |    |     |             |    |    |
|-------|--------|----------------------|-----|-----|-------------|-----|-----|-------------------|----|-----|-------------|----|----|
|       |        | 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 <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> | ←172→              |                    | 84               | x                | x                 | x                 | x                 | x  | x   | x   |
|                        | 2.5mm <sup>2</sup> | ←1302→             |                    |                  | 55               | 32                | x                 | x                 | x  | x   | x   |
|                        | 4mm <sup>2</sup>   | ←1302→             |                    |                  | 216              | 63                | 35                | x                 | x  | x   | x   |
|                        | 6mm <sup>2</sup>   | ←826→              |                    |                  |                  | 68                | 27                | x                 | x  | x   | x   |
|                        | 10mm <sup>2</sup>  | ←564→              |                    |                  |                  |                   | 66                | 21                | x  | x   | x   |
|                        | 16mm <sup>2</sup>  | ←390→              |                    |                  |                  |                   |                   | 55                | 25 | x   | x   |
| 35mm <sup>2</sup>      | ←174→              |                    |                    |                  |                  |                   |                   |                   |    | 101 | 27  |

- 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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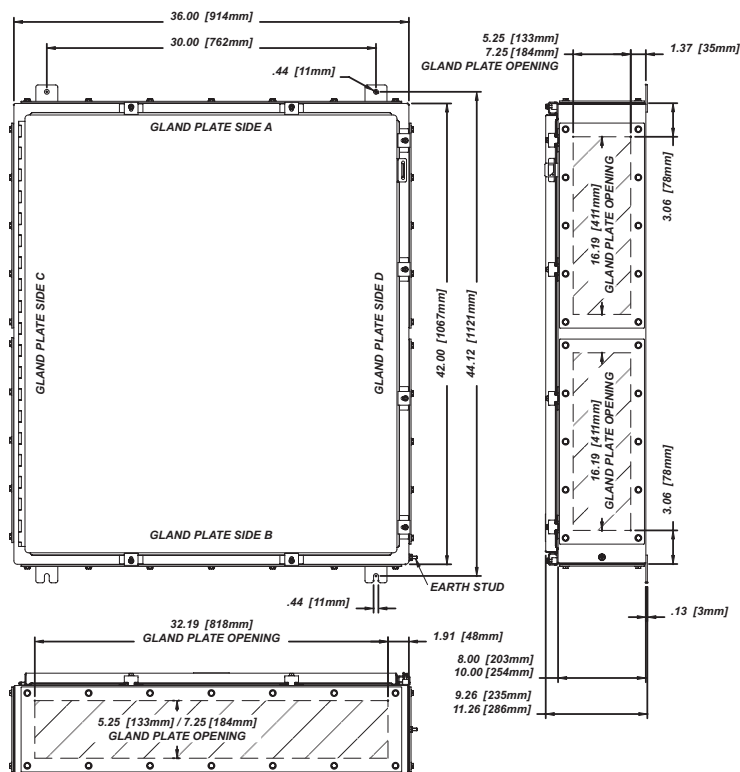
# TERMINAL ENCLOSURES

INCREASED SAFETY ENCLOSURES

## TN Series 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  |
| 35mm <sup>2</sup>      |                    |                    |                    |                  |                  | ←174→             |                   |                   |    |    | 111 | 29 |

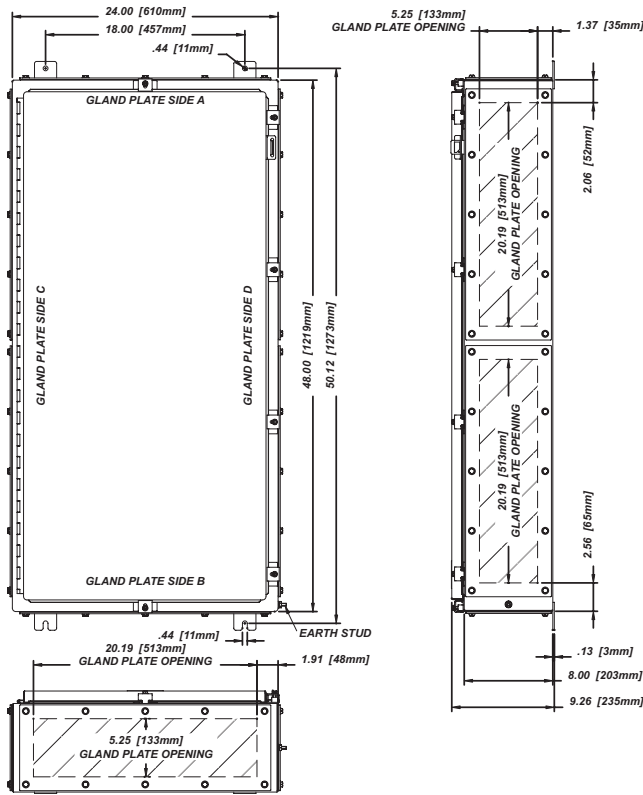
- NOTES**
- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
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  - For applications requiring multiple terminal block configurations and ampacities, consult factory.
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# TERMINAL 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.
  - 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

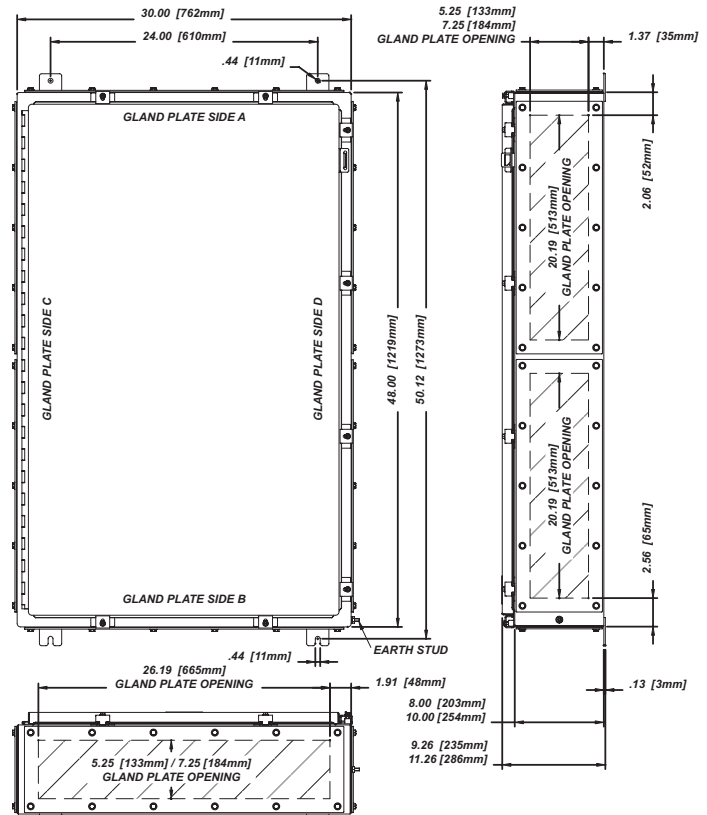
# TERMINAL ENCLOSURES

INCREASED SAFETY ENCLOSURES

## TN Series 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                | 63 | 80 | 100 |
| Terminal Block Size    | 1.5mm <sup>2</sup> | ←177→             |                    | 86                 | x                | x                | x                 | x                 | x                 | x  | x  | x   |
|                        | 2.5mm <sup>2</sup> | ←1519→            |                    |                    | 57               | 33               | x                 | x                 | x                 | x  | x  | x   |
|                        | 4mm <sup>2</sup>   | ←1519→            |                    |                    | 222              | 64               | 36                | x                 | x                 | x  | x  | x   |
|                        | 6mm <sup>2</sup>   | ←959→             |                    |                    |                  | 70               | 27                | x                 | x                 | x  | x  | x   |
|                        | 10mm <sup>2</sup>  | ←654→             |                    |                    |                  |                  | 68                | 22                | x                 | x  | x  | x   |
|                        | 16mm <sup>2</sup>  | ←455→             |                    |                    |                  |                  |                   | 56                | 26                | x  | x  | x   |
| 35mm <sup>2</sup>      | ←201→              |                   |                    |                    |                  |                  |                   |                   | 104               | 27 |    |     |

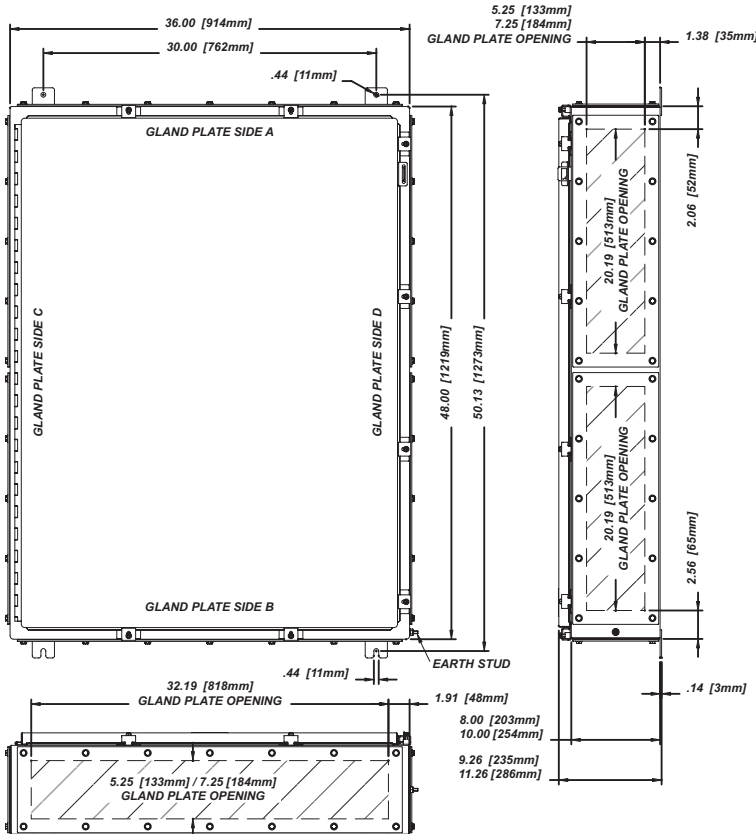
- NOTES**
- For stainless steel 304 construction, substitute TN4X6 prefix with TN4X.
  - The maximum terminal block content is based on vertical rail installation. For horizontal installations, consult factory.
  - For applications requiring multiple terminal block configurations and ampacities, consult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

## 48" x 36" Clamped Door

INCREASED SAFETY ENCLOSURES



STAINLESS STEEL 316L

|                     |       | ENCLOSURES WITH TERMINALS |                   |
|---------------------|-------|---------------------------|-------------------|
|                     |       | CATALOG NUMBER            | GLAND PLATE       |
| 8" [203.2mm] Depth  | Depth | 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 |
| 10" [254.0mm] Depth | Depth | 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.
  - 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

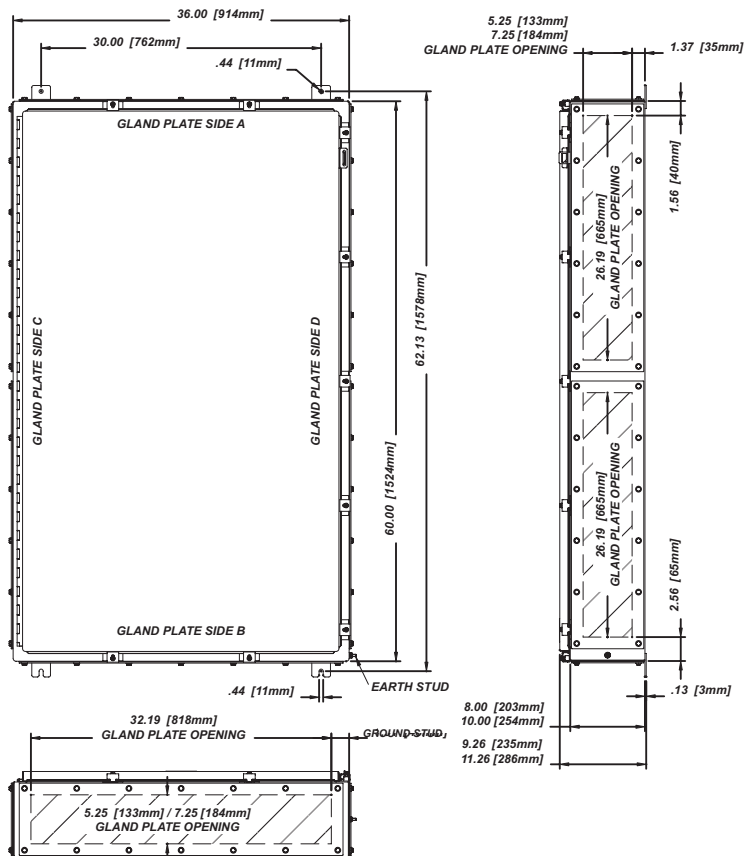
# TERMINAL ENCLOSURES

INCREASED SAFETY ENCLOSURES

## TN Series 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

|                           |  |
|---------------------------|--|
| <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

#### GLAND PLATE HARDWARE

300 Series Stainless Steel

#### LID FIXING

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

|                          |                      |
|--------------------------|----------------------|
| <b>TN4X Door Clamps</b>  | Stainless Steel 304  |
| <b>TN4X6 Door Clamps</b> | Stainless Steel 316L |

#### GROUNDING

|                        |   |
|------------------------|---|
| <b>Box &amp; Cover</b> | 1/4-20 stud with 300 Series SS hardware |
|------------------------|---|

### 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

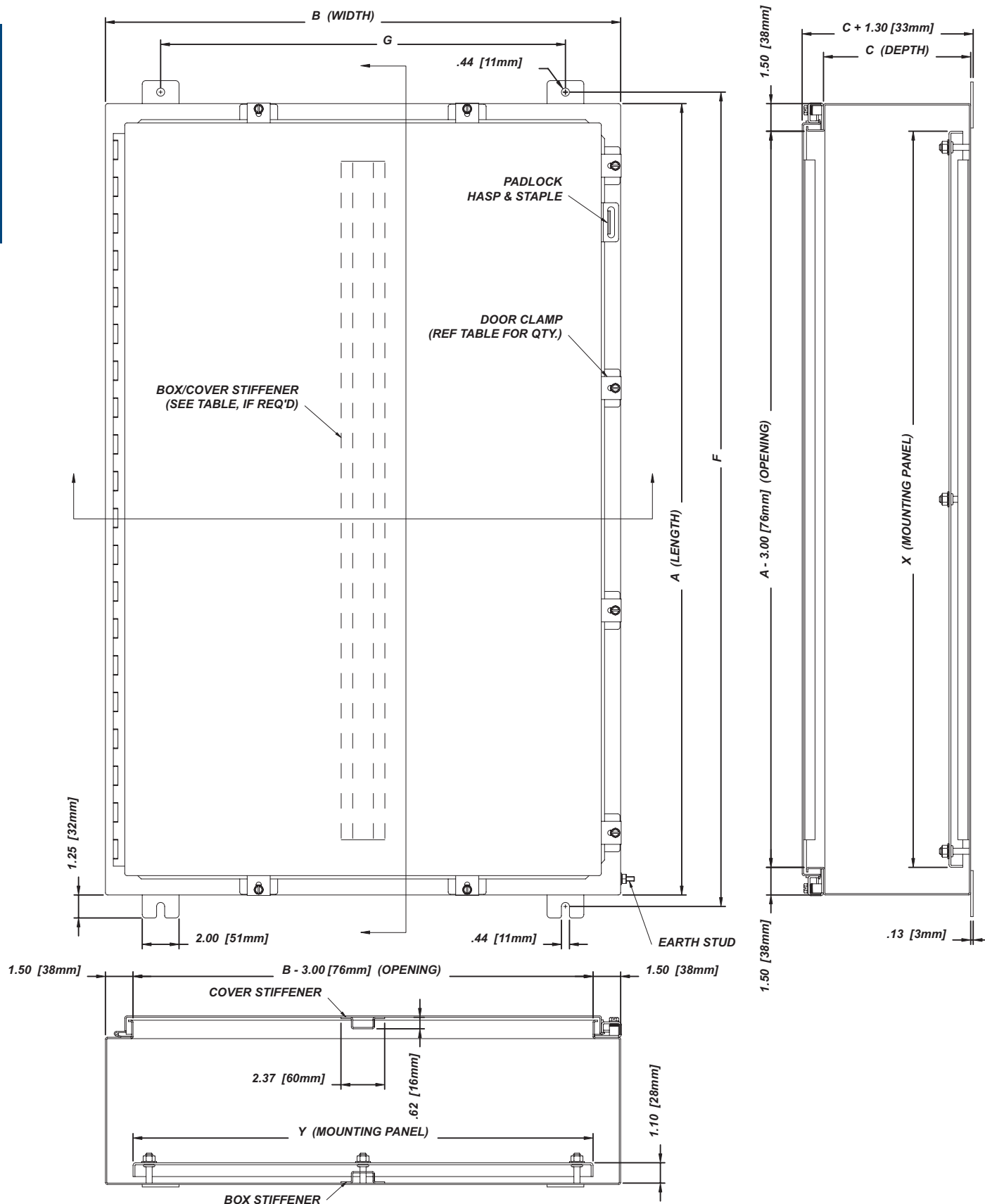
IECEx UL 10.0021U  
 Ex e II  
 Ex tD A21 IP66



# 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:**

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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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