

TSC SERIES

INCREASED SAFETY
TSC Enclosures

TSC Series: Increased Safety Terminal Enclosures

FEATURES

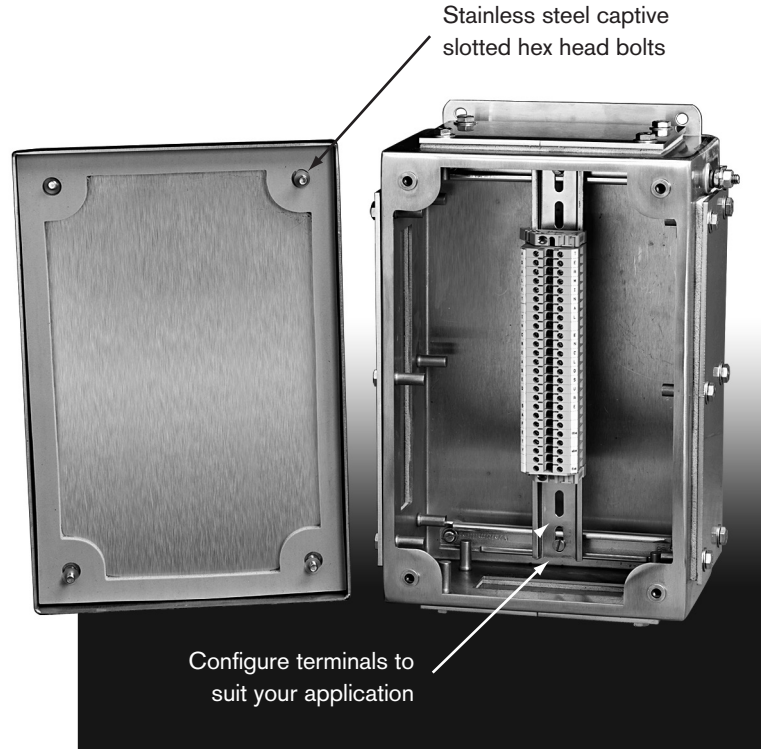
- Type 316L Stainless steel captive hex head, slotted cover screws
- Universal DIN rail mounting system (Except 050503)
- One-piece, NEMA 4 / IP66 water-tight gasket
- Internal/external grounding provisions
- Welded-on mounting flange with 0.31" clearance holes
- Ambient temperature range -40°C to +70°C

DESIGN OPTIONS

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

MATERIAL

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



Certifications

POPULATED ENCLOSURE

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

EMPTY ENCLOSURE

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



MAXIMUM TERMINAL BLOCK CONTENT

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

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

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

TSC SERIES

INCREASED SAFETY
TSC Enclosures

5" x 5" x 3" Screw Cover

STAINLESS STEEL 304

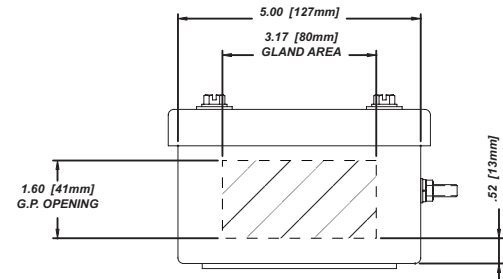
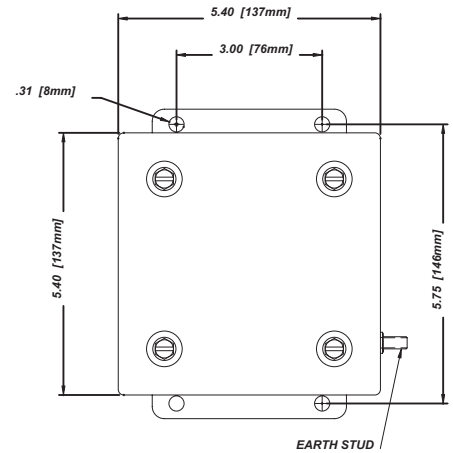
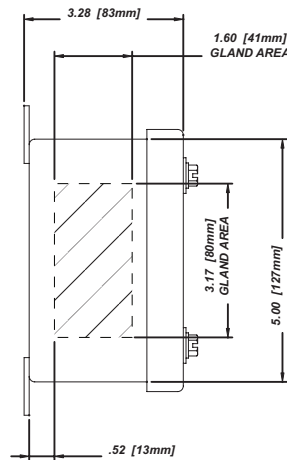
ENCLOSURES WITH TERMINALS

Catalog Number	Gland Plate
TSC4X-050503	None

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS

Catalog Number	Gland Plate
TSC4X6-050503	None



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES	
NPT	Metric	Sides A & B	Sides C & D
1/2	M16	2	2
3/4	M20	2	2
1	M25	1	1
1 1/4	M32	-	-
1 1/2	M40	-	-
2	M50	-	-
2 1/2	M63	-	-

MAXIMUM TERMINAL BLOCK CONTENT

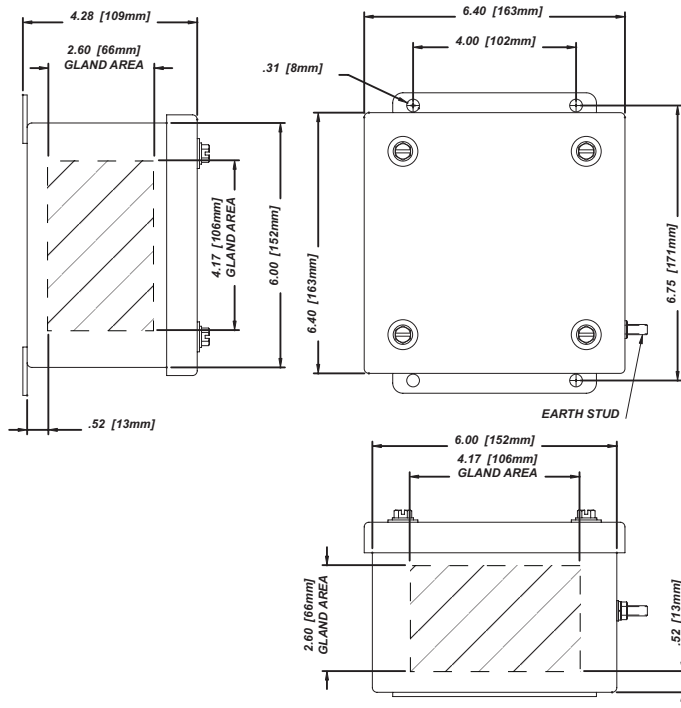
MIN CONDUCTOR SIZE		.5mm ²	1.5mm ²	2.5mm ²	4mm ²	6mm ²	10mm ²	16mm ²	35mm ²			
MIN CONDUCTOR SIZE AWG		22	16	14	12	10	8	6	2			
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm ²	← 6 →		x	x	x	x	x	x	x	x	
	2.5mm ²	← 6 →			x	x	x	x	x	x		
	4mm ²	← 6 →				x	x	x	x			
	6mm ²	← 5 →	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

- NOTES**
- 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.

TSC SERIES

6" x 6" x 4" Screw Cover

INCREASED SAFETY
TSC Enclosures



STAINLESS STEEL 304

ENCLOSURES WITH TERMINALS

Catalog Number	Gland Plate
TSC4X-060604	None

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS

Catalog Number	Gland Plate
TSC4X6-060604	None

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES	
NPT	Metric	Sides A & B	Sides C & D
1/2	M16	6	6
3/4	M20	3	3
1	M25	2	2
1 1/4	M32	2	2
1 1/2	M40	1	1
2	M50	-	-
2 1/2	M63	-	-

MAXIMUM TERMINAL BLOCK CONTENT

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

- NOTES**
- 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.

TSC SERIES

INCREASED SAFETY
TSC Enclosures

7" x 7" x 4" Screw Cover

STAINLESS STEEL 304

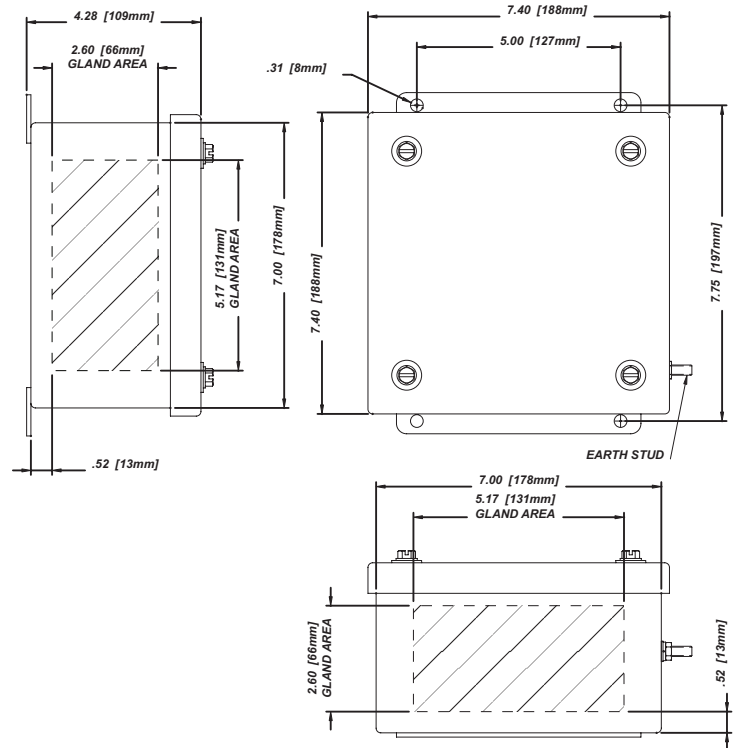
ENCLOSURES WITH TERMINALS

Catalog Number	Gland Plate
TSC4X-070704	None

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS

Catalog Number	Gland Plate
TSC4X6-070704	None



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES	
NPT	Metric	Sides A & B	Sides C & D
1/2	M16	8	8
3/4	M20	3	3
1	M25	3	3
1 1/4	M32	2	2
1 1/2	M40	2	2
2	M50	-	-
2 1/2	M63	-	-

MAXIMUM TERMINAL BLOCK CONTENT

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

- NOTES**
- 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.

TSC SERIES

8" x 8" x 4" Screw Cover

INCREASED SAFETY
TSC Enclosures

STAINLESS STEEL 304

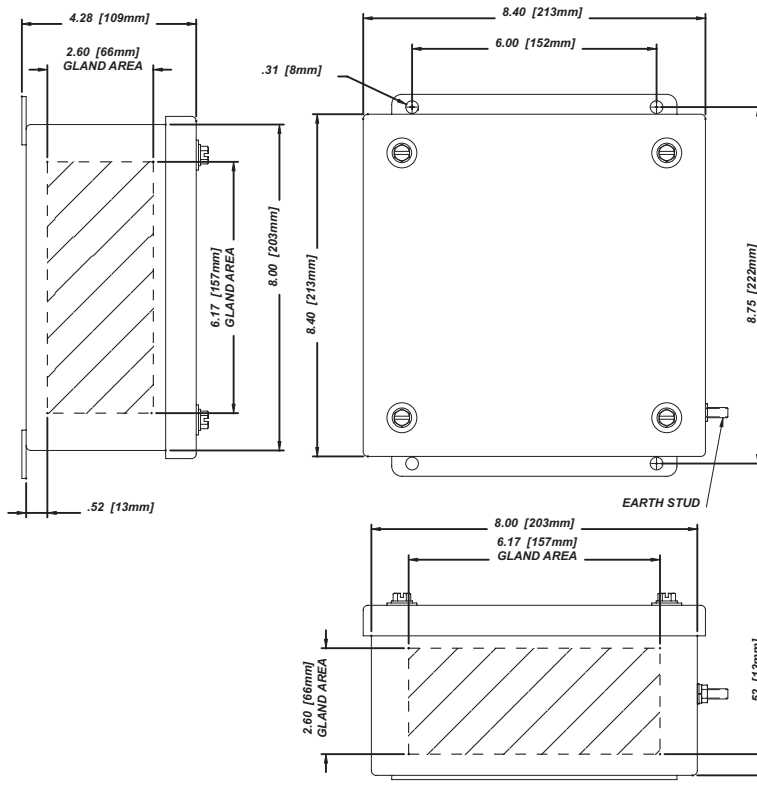
ENCLOSURES WITH TERMINALS

Catalog Number	Gland Plate
TSC4X-080804	None

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS

Catalog Number	Gland Plate
TSC4X6-080804	None



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES	
NPT	Metric	Sides A & B	Sides C & D
1/2	M16	10	10
3/4	M20	4	4
1	M25	3	3
1 1/4	M32	2	2
1 1/2	M40	2	2
2	M50	-	-
2 1/2	M63	-	-

MAXIMUM TERMINAL BLOCK CONTENT

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

- NOTES**
- 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.

TSC SERIES

INCREASED SAFETY
TSC Enclosures

10" x 10" x 6" Screw Cover

STAINLESS STEEL 304

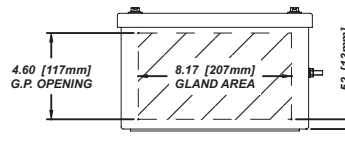
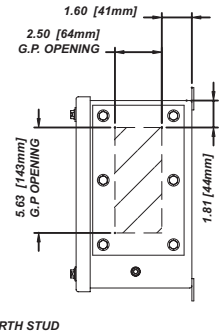
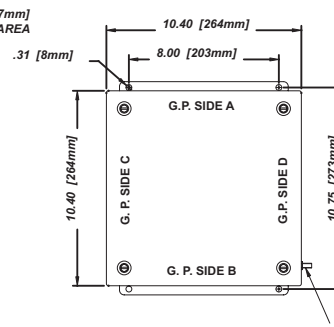
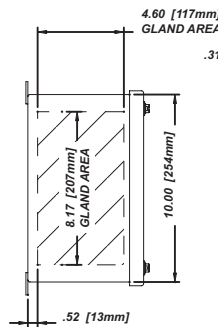
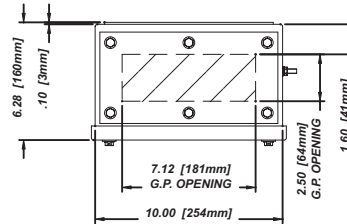
ENCLOSURES WITH TERMINALS

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

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS

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



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES		WITH GLAND PLATES	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	18	18	10	8
3/4	M20	15	15	5	4
1	M25	8	8	4	3
1 1/4	M32	6	6	3	2
1 1/2	M40	4	4	2	2
2	M50	2	2	2	1
2 1/2	M63	2	2	-	-

MAXIMUM TERMINAL BLOCK CONTENT

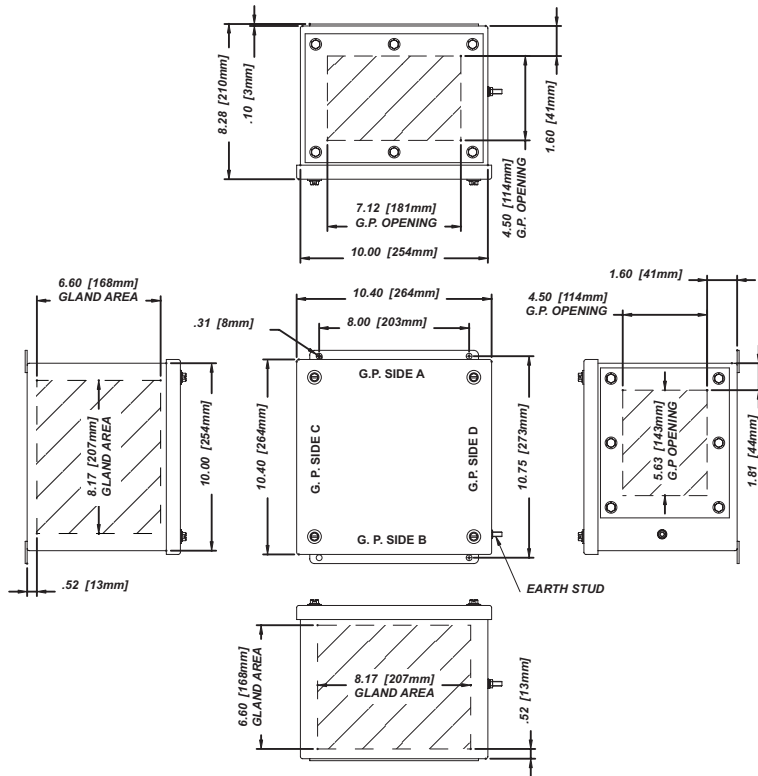
MIN CONDUCTOR SIZE		.5mm ²	1.5mm ²	2.5mm ²	4mm ²	6mm ²	10mm ²	16mm ²	35mm ²			
MIN CONDUCTOR SIZE AWG		22	16	14	12	10	8	6	2			
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm ²	← 66 →		39	x	x	x	x	x	x	x	
	2.5mm ²	← 66 →		26	15	x	x	x	x	x	x	
	4mm ²	← 66 →		29	16	x	x	x	x	x		
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

- NOTES**
- 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.

TSC SERIES

10" x 10" x 8" Screw Cover

INCREASED SAFETY
TSC Enclosures



STAINLESS STEEL 304

ENCLOSURES WITH TERMINALS

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

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS

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

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES		WITH GLAND PLATES	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	30	30	15	12
3/4	M20	20	20	15	12
1	M25	12	12	8	6
1 1/4	M32	6	6	6	4
1 1/2	M40	6	6	2	2
2	M50	4	4	2	1
2 1/2	M63	2	2	2	1

MAXIMUM TERMINAL BLOCK CONTENT

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

- NOTES**
- 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.

TSC SERIES

INCREASED SAFETY
TSC Enclosures

12" x 6" x 4" Screw Cover

STAINLESS STEEL 304

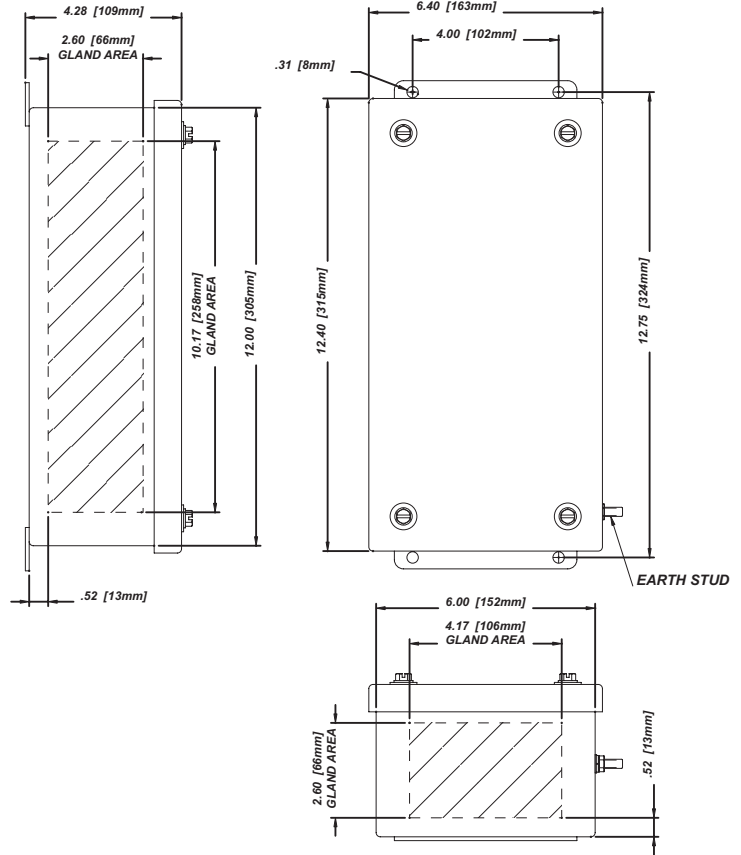
ENCLOSURES WITH TERMINALS

Catalog Number	Gland Plate
TSC4X-120604	None

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS

Catalog Number	Gland Plate
TSC4X6-120604	None



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES	
NPT	Metric	Sides A & B	Sides C & D
1/2	M16	6	16
3/4	M20	3	7
1	M25	2	5
1 1/4	M32	2	4
1 1/2	M40	1	4
2	M50	-	-
2 1/2	M63	-	-

MAXIMUM TERMINAL BLOCK CONTENT

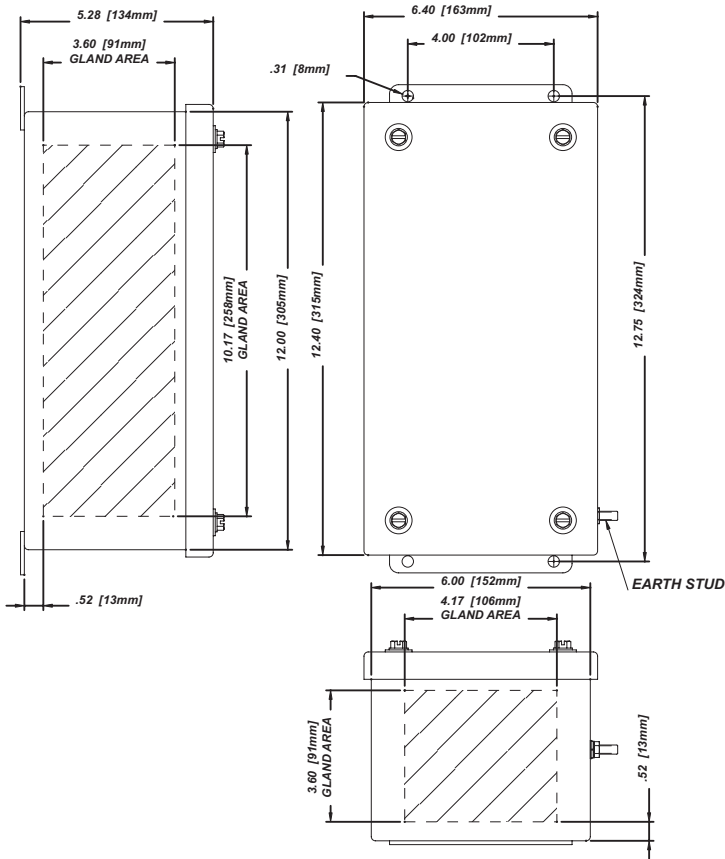
MIN CONDUCTOR SIZE		.5mm ²	1.5mm ²	2.5mm ²	4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
MIN CONDUCTOR SIZE AWG		22	16	14	12	10	8	6	2	
MAXIMUM AMPERAGE		3	8 10	16 20	25 35	50 63	80 100			
Terminal Block Size	1.5mm ²	← 43 →		27	x	x	x	x	x	x
	2.5mm ²	← 43 →		18	10	x	x	x	x	x
	4mm ²	← 43 →		20	11	x	x	x	x	x
	6mm ²	← 27 →		22	8	x	x	x	x	x
	10mm ²	x	x	x	x	x	x	x	x	x
	16mm ²	x	x	x	x	x	x	x	x	x
35mm ²	x	x	x	x	x	x	x	x	x	

- NOTES**
- 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.

TSC SERIES

12" x 6" x 5" Screw Cover

INCREASED SAFETY
TSC Enclosures



STAINLESS STEEL 304

ENCLOSURES WITH TERMINALS

Catalog Number	Gland Plate
TSC4X-120605	None

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS

Catalog Number	Gland Plate
TSC4X6-120605	None

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES	
NPT	Metric	Sides A & B	Sides C & D
1/2	M16	6	16
3/4	M20	6	14
1	M25	4	10
1 1/4	M32	2	4
1 1/2	M40	1	4
2	M50	1	3
2 1/2	M63	1	2

MAXIMUM TERMINAL BLOCK CONTENT

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

- NOTES**
- 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.

TSC SERIES

INCREASED SAFETY
TSC Enclosures

12" x 8" x 5" Screw Cover

STAINLESS STEEL 304

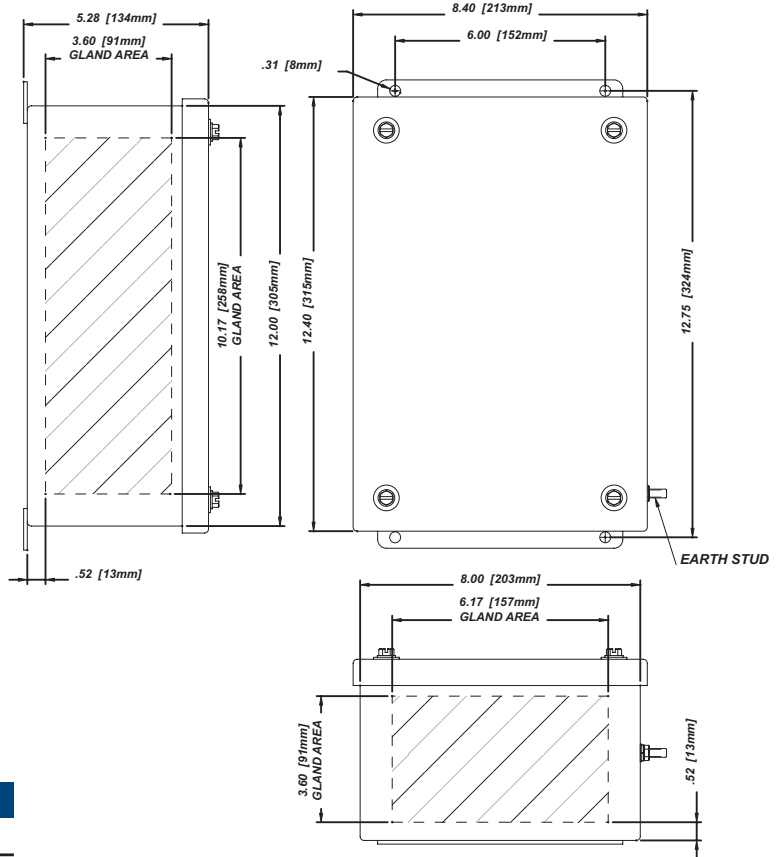
ENCLOSURES WITH TERMINALS

Catalog Number	Gland Plate
TSC4X-120805	None

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS

Catalog Number	Gland Plate
TSC4X6-120805	None



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES	
NPT	Metric	Sides A & B	Sides C & D
1/2	M16	10	16
3/4	M20	8	14
1	M25	6	10
1 1/4	M32	2	4
1 1/2	M40	2	4
2	M50	2	3
2 1/2	M63	1	2

MAXIMUM TERMINAL BLOCK CONTENT

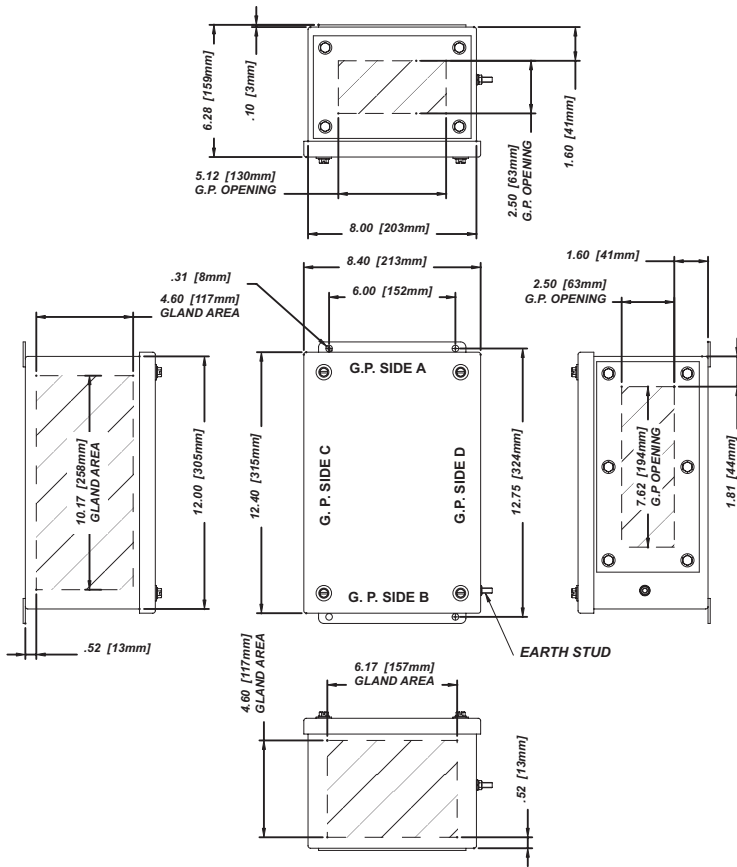
MIN CONDUCTOR SIZE		.5mm ²	1.5mm ²	2.5mm ²	4mm ²	6mm ²	10mm ²	16mm ²	35mm ²			
MIN CONDUCTOR SIZE AWG		22	16	14	12	10	8	6	2			
MAXIMUM AMPERAGE		3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm ²	← 43 →		30	x	x	x	x	x	x	x	
	2.5mm ²	← 43 →		20	12	x	x	x	x	x	x	
	4mm ²	← 43 →		23	13	x	x	x	x	x		
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

- NOTES**
- 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.

TSC SERIES

12" x 8" x 6" Screw Cover

INCREASED SAFETY
TSC Enclosures



STAINLESS STEEL 304

ENCLOSURES WITH TERMINALS	
Catalog Number	Gland Plate
TSC4X-120806	None
TSC4X-120806-B	Side B
TSC4X-120806-AB	Sides A & B
TSC4X-120806-BCD	Sides B, C & D
TSC4X-120806-ABCD	Sides A, B, C & D

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	
Catalog Number	Gland Plate
TSC4X6-120806	None
TSC4X6-120806-B	Side B
TSC4X6-120806-AB	Sides A & B
TSC4X6-120806-BCD	Sides B, C & D
TSC4X6-120806-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES		WITH GLAND PLATES	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	15	24	8	12
3/4	M20	12	21	3	5
1	M25	6	10	3	4
1 1/4	M32	4	8	2	3
1 1/2	M40	2	4	2	3
2	M50	2	3	1	2
2 1/2	M63	1	2	-	-

MAXIMUM TERMINAL BLOCK CONTENT

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

- NOTES**
- 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.

TSC SERIES

INCREASED SAFETY
TSC Enclosures

12" x 12" x 6" Screw Cover

STAINLESS STEEL 304

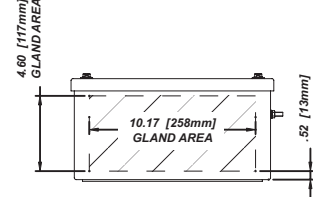
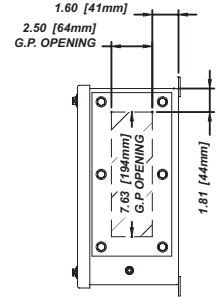
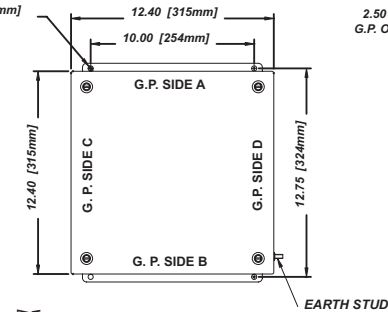
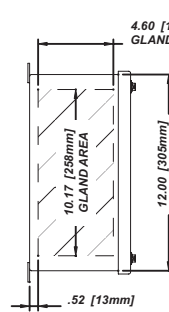
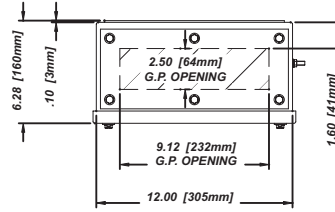
ENCLOSURES WITH TERMINALS

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

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS

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



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES		WITH GLAND PLATES	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	24	24	14	12
3/4	M20	21	21	6	5
1	M25	10	10	5	4
1 1/4	M32	8	8	4	3
1 1/2	M40	4	4	3	3
2	M50	3	3	3	2
2 1/2	M63	2	2	-	-

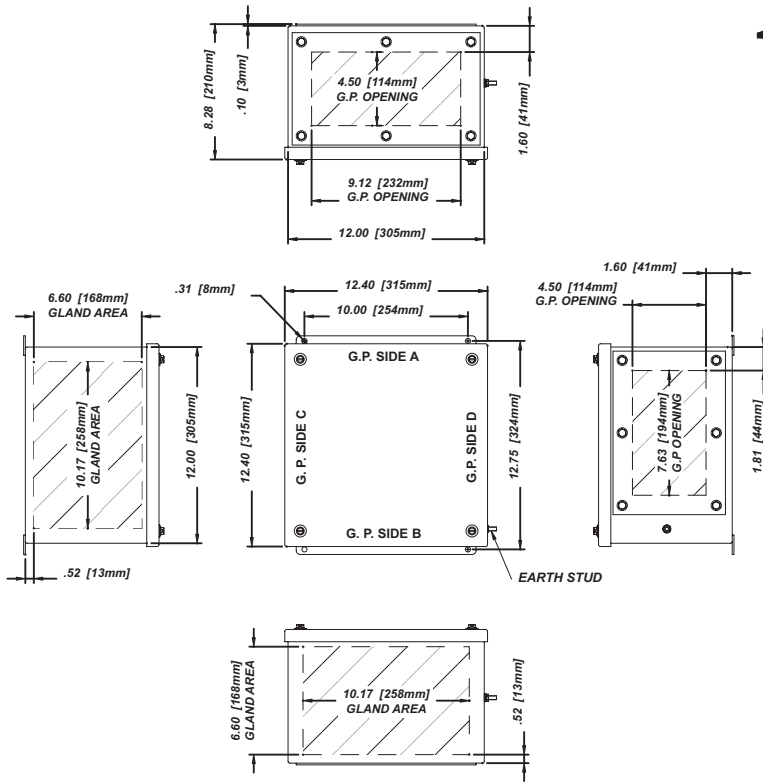
MAXIMUM TERMINAL BLOCK CONTENT

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

- NOTES**
- 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.

12" x 12" x 8" Screw Cover

INCREASED SAFETY
TSC Enclosures



STAINLESS STEEL 304

ENCLOSURES WITH TERMINALS

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

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS

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

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES		WITH GLAND PLATES	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	40	40	21	18
3/4	M20	28	28	18	15
1	M25	15	15	10	8
1 1/4	M32	8	8	8	6
1 1/2	M40	8	8	3	3
2	M50	6	6	3	2
2 1/2	M63	2	2	2	2

MAXIMUM TERMINAL BLOCK CONTENT

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

- NOTES**
- 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.

TSC SERIES

INCREASED SAFETY
TSC Enclosures

15" x 15" x 6" Screw Cover

STAINLESS STEEL 304

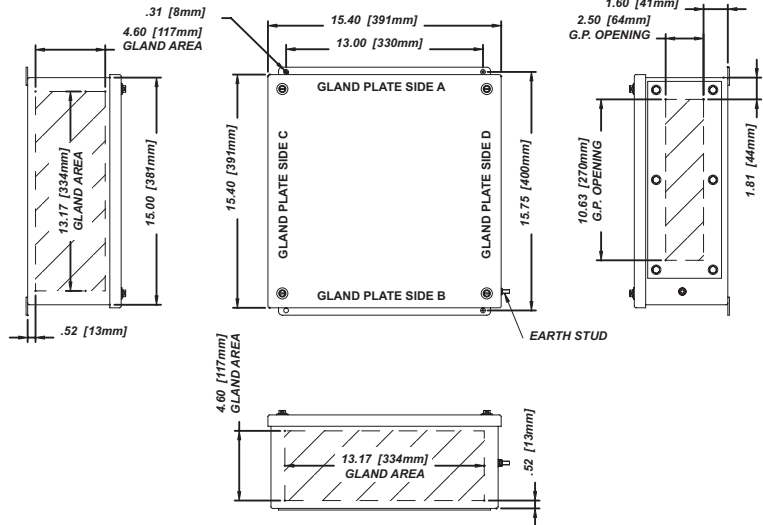
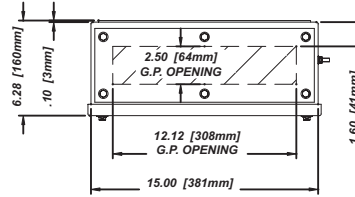
ENCLOSURES WITH TERMINALS

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

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS

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



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES		WITH GLAND PLATES	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	30	30	18	16
3/4	M20	27	27	8	7
1	M25	14	14	6	5
1 1/4	M32	10	10	5	4
1 1/2	M40	5	5	4	4
2	M50	4	4	3	3
2 1/2	M63	3	3	-	-

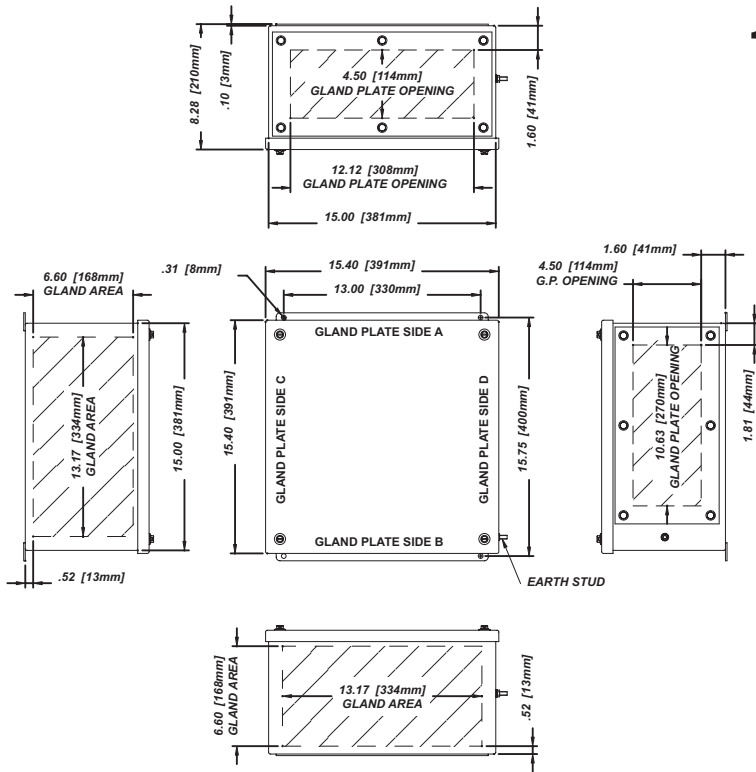
MAXIMUM TERMINAL BLOCK CONTENT

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

- NOTES**
- 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.

15" x 15" x 8" Screw Cover

INCREASED SAFETY
TSC Enclosures



STAINLESS STEEL 304

ENCLOSURES WITH TERMINALS

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

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS

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

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES		WITH GLAND PLATES	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	50	50	27	24
3/4	M20	36	36	24	21
1	M25	21	21	12	10
1 1/4	M32	10	10	10	8
1 1/2	M40	10	10	4	4
2	M50	8	8	3	3
2 1/2	M63	3	3	3	3

MAXIMUM TERMINAL BLOCK CONTENT

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

- NOTES**
- 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.

TSC SERIES

16" x 12" x 6" Screw Cover

INCREASED SAFETY
TSC Enclosures

STAINLESS STEEL 304

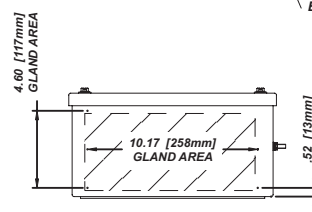
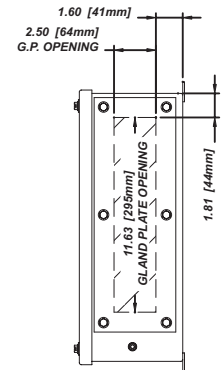
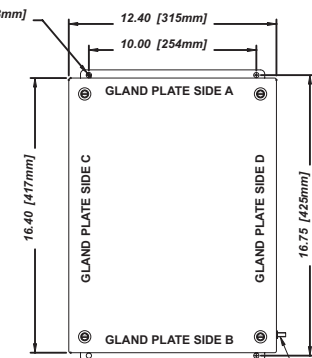
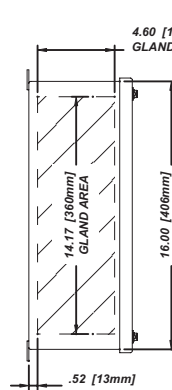
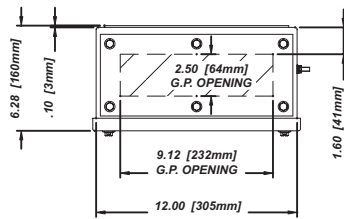
ENCLOSURES WITH TERMINALS

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

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS

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



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES		WITH GLAND PLATES	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	24	33	14	18
3/4	M20	21	27	6	8
1	M25	10	14	5	6
1 1/4	M32	8	12	4	5
1 1/2	M40	4	5	3	4
2	M50	3	4	3	3
2 1/2	M63	2	3	-	-

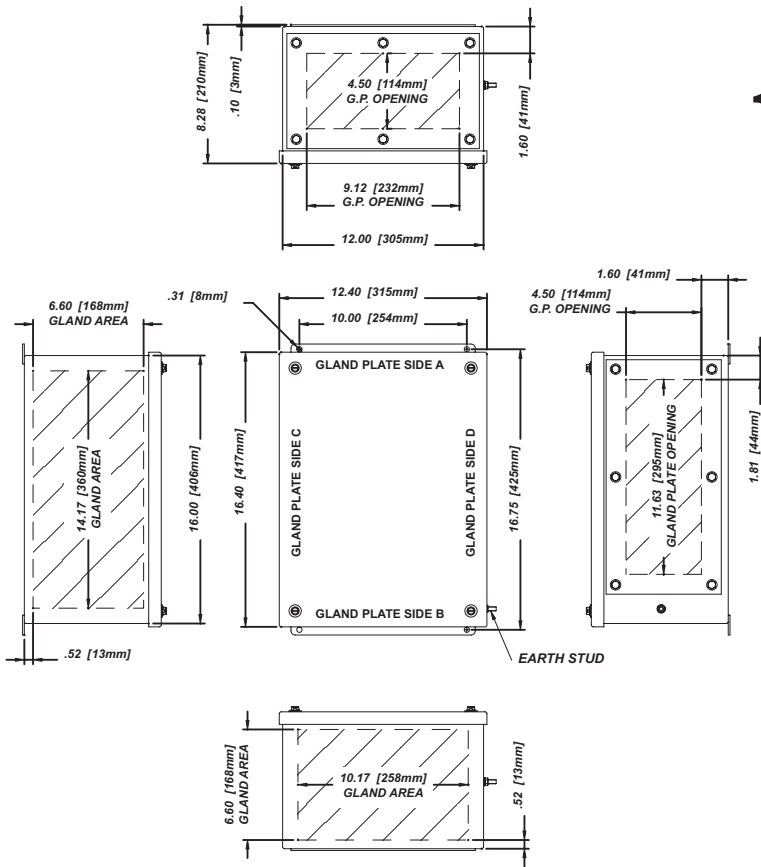
MAXIMUM TERMINAL BLOCK CONTENT

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

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

16" x 12" x 8" Screw Cover

INCREASED SAFETY
TSC Enclosures



STAINLESS STEEL 304

ENCLOSURES WITH TERMINALS	
Catalog Number	Gland Plate
TSC4X-161208	None
TSC4X-161208-B	Side B
TSC4X-161208-AB	Sides A & B
TSC4X-161208-BCD	Sides B, C & D
TSC4X-161208-ABCD	Sides A, B, C & D

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	
Catalog Number	Gland Plate
TSC4X6-161208	None
TSC4X6-161208-B	Side B
TSC4X6-161208-AB	Sides A & B
TSC4X6-161208-BCD	Sides B, C & D
TSC4X6-161208-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES		WITH GLAND PLATES	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	40	55	21	27
3/4	M20	28	36	18	24
1	M25	15	21	10	12
1 1/4	M32	8	12	8	10
1 1/2	M40	8	10	3	4
2	M50	6	8	3	3
2 1/2	M63	2	3	2	3

MAXIMUM TERMINAL BLOCK CONTENT

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

- NOTES**
- 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.

TSC SERIES

INCREASED SAFETY
TSC Enclosures

16" x 16" x 6" Screw Cover

STAINLESS STEEL 304

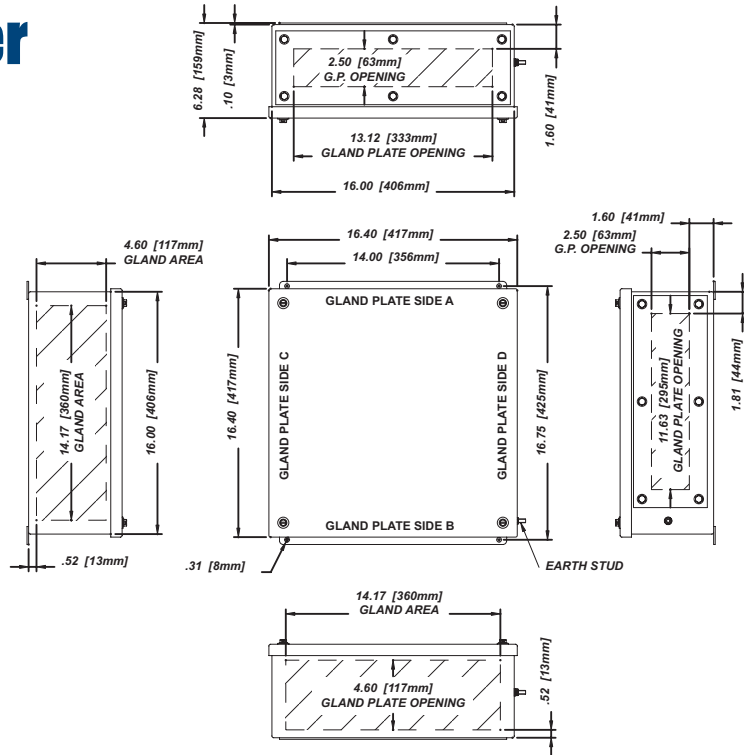
ENCLOSURES WITH TERMINALS

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

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS

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



MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES		WITH GLAND PLATES	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	33	33	20	18
3/4	M20	27	27	9	8
1	M25	14	14	7	6
1 1/4	M32	12	12	5	5
1 1/2	M40	5	5	5	4
2	M50	4	4	4	3
2 1/2	M63	3	3	-	-

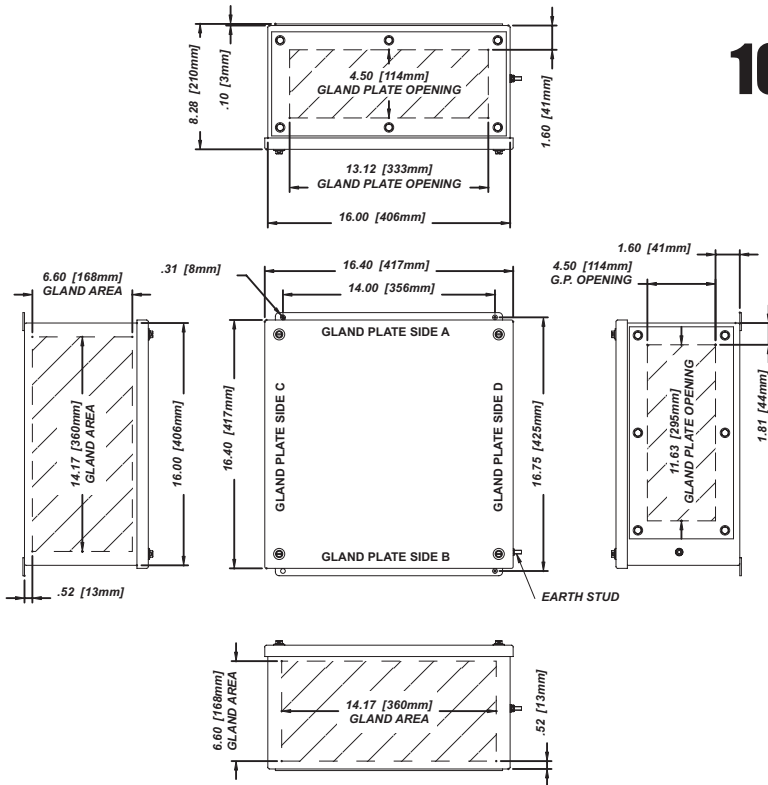
MAXIMUM TERMINAL BLOCK CONTENT

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

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

16" x 16" x 8" Screw Cover

INCREASED SAFETY
TSC Enclosures



STAINLESS STEEL 304

ENCLOSURES WITH TERMINALS	
Catalog Number	Gland Plate
TSC4X-161608	None
TSC4X-161608-B	Side B
TSC4X-161608-AB	Sides A & B
TSC4X-161608-BCD	Sides B, C & D
TSC4X-161608-ABCD	Sides A, B, C & D

STAINLESS STEEL 316L

ENCLOSURES WITH TERMINALS	
Catalog Number	Gland Plate
TSC4X6-161608	None
TSC4X6-161608-B	Side B
TSC4X6-161608-AB	Sides A & B
TSC4X6-161608-BCD	Sides B, C & D
TSC4X6-161608-ABCD	Sides A, B, C & D

MAXIMUM NUMBER OF CABLE/CONDUIT ENTRIES

SIZE		WITHOUT GLAND PLATES		WITH GLAND PLATES	
NPT	Metric	Sides A & B	Sides C & D	Sides A & B	Sides C & D
1/2	M16	55	55	30	27
3/4	M20	36	36	27	24
1	M25	21	21	14	12
1 1/4	M32	12	12	10	10
1 1/2	M40	10	10	5	4
2	M50	8	8	4	3
2 1/2	M63	3	3	3	3

MAXIMUM TERMINAL BLOCK CONTENT

MIN CONDUCTOR SIZE	.5mm ²	1.5mm ²	2.5mm ²	4mm ²	6mm ²	10mm ²	16mm ²	35mm ²			
MIN CONDUCTOR SIZE AWG	22	16	14	12	10	8	6	2			
MAXIMUM AMPERAGE	3	8	10	16	20	25	35	50	63	80	100
Terminal Block Size	1.5mm ²	← 119 →	58	x	x	x	x	x	x	x	x
	2.5mm ²	← 192 →		38	22	x	x	x	x	x	x
	4mm ²	← 192 →		149	43	24	x	x	x	x	x
	6mm ²		← 120 →			47	18	x	x	x	x
	10mm ²			← 96 →				46	15	x	x
	16mm ²				← 52 →				38	17	x
35mm ²										← 20 →	18

- NOTES**
- 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.