Characteristics

Material

Stainless Steel 316L (EN 10088 1.4404)

- Body : 1.2 / 1.5 mm
- Door : 1.2 / 1.5 mm
- Plate : 2 mm

Surface Finishing

- Scotch-brite brushed

IP Rating

- IP66 (TS 3033, EN 60529)

Others

- Padlockable, removable, screw-type solid door
- Foamed-in door PU sealing gasket (-40°C +100°C)
- 180° Concealed hinge
- Door fastening with captive screws
- Impact strength 7 Joule
- Ambient Temperature -40°C to +55°C for T5
- Ambient Temperature -40°C to +40°C for T6
- Horizontal or vertical terminal options
- Ex e & Ex ia protection
- Zone1 (Category 2), Zone 2 (Category 3) & Zone 21 & 22.
- M6/M10 integral internal / external earthing stud

On Request

- Special sizes
- 0,2,3,4 gland plate options
- Special mounting plate
- Pre-galvanized steel + painted

Supply Includes

- Body
- Door
- Earth stud

Complementary Accessories

- Mounting plate
- DIN rail
- Earthing cable
- DIN rail mounting bracket (vertical / horizontal)

Width A	Height B	Depth C	Reference	Thickness Body	Thickness Door	Thickness Plate	Hinge	Weight
mm	mm	mm		mm	mm	mm	pcs	kg
120	120	80	TES 121208-S	1.2	1.2	-- --	-- --	1.4
150	150	90	TES 151509-S	1.2	1.2	-- --	-- --	1.9
190	190	100	TES 191910-S	1.2	1.2	-- --	-- --	3.0
152	229	135	TEX 152213-S1	1.5	1.5	2	2	3.3
260	260	160	TEX 262616-S1	1.5	1.5	2	2	5.5
260	260	205	TEX 262620-S1	1.5	1.5	2	2	5.5
260	380	160	TEX 263816-S1	1.5	1.5	2	2	7.0
260	380	205	TEX 263820-S1	1.5	1.5	2	2	7.0
306	306	160	TEX 303016-S1	1.5	1.5	2	2	7.0
306	306	205	TEX 303020-S1	1.5	1.5	2	2	7.0
350	500	160	TEX 355016-S1	1.5	1.5	2	2	10.5
350	500	205	TEX 355020-S1	1.5	1.5	2	2	10.5
382	458	160	TEX 384516-S1	1.5	1.5	2	2	9.8
382	458	205	TEX 384520-S1	1.5	1.5	2	2	9.8
450	620	160	TEX 456216-S1	1.5	1.5	2	2	17.0
450	620	205	TEX 456220-S1	1.5	1.5	2	2	17.0
480	480	160	TEX 484816-S1	1.5	1.5	2	2	10.4
480	480	205	TEX 484820-S1	1.5	1.5	2	2	10.4
508	762	205	TEX 507620-S1	1.5	1.5	2	2	23.5
550	740	205	TEX 557420-S1	1.5	1.5	2	2	23.5
610	914	205	TEX 619120-S1	1.5	1.5	2	3	31.0
640	860	205	TEX 648620-S1	1.5	1.5	2	3	29.0
740	980	205	TEX 749820-S1	1.5	1.5	2	3	38.0

Characteristics

Global (IECEx)

IECEx SIR 15.0056X

Gas&Dust

- **Ex eb IIC T6 Gb (Tamb: -40°C to +40°C)**
- **Ex ia IIC T6 Ga (Tamb: +40°C to +40°C)**
- **Ex tb IIIC T57°C Db, IP66, (Tamb: -40°C to +40°C)**

IECEx SIR 15.0057U (Component certificate)

Europe (ATEX)

SIRA 06 ATEX 3285X

Gas&Dust

- **II 2 G D Ex eb IIC T6 Gb (Tamb: -40°C to +40°C)**
- **II 1 G Ex ia IIC T6 Ga (Tamb: -40°C to +40°C)**
- **II 2 G D Ex tb IIIC T57°C Db, IP66 (Tamb: -40°C to +40°C)**

SIRA 06 ATEX 3286U (Component certificate)

Classification areas

Zone 1 (Category 2), Zone 2 (Category 3) & Zones 21 & 22

Design standard

EN 50014, EN 50019, EN50020

IP Rating

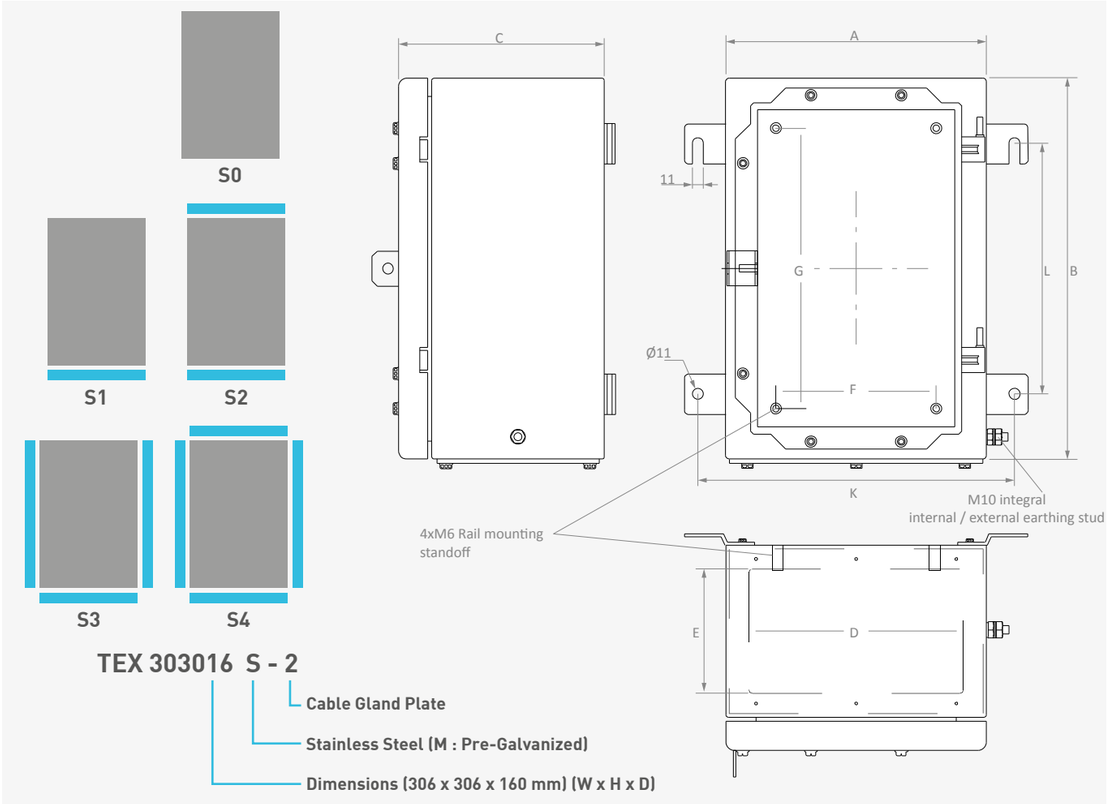
IP66 (TS 3033, IEC/EN 60529)

Material

Highly corrosion resistant 1.2-1.5-2.0mm stainless steel 316L

Gland plates

2.0mm thickness, 0,1,2,3 & 4 gland plate options



Width	Height	Depth	Reference	Cable Gland		DIN Rail Fixing		Wall Mounting	
A	B	C		↔	⇗	↔	↕	↔	↕
mm	mm	mm		mm	mm	mm	mm	mm	mm
120	120	80	TES 121208-S	-- --	-- --	Center	80	145	Center
150	150	90	TES 151509-S	-- --	-- --	Center	110	175	Center
190	190	100	TES 191910-S	-- --	-- --	Center	150	215	Center
152	229	135	TEX 152213-S1	108	58	Center	127	208	152
260	260	160	TEX 262616-S1	214	80	160	160	316	170
260	260	205	TEX 262620-S1	214	124	160	160	316	170
260	380	160	TEX 263816-S1	214	80	160	280	316	250
260	380	205	TEX 263820-S1	214	124	160	280	316	250
306	306	160	TEX 303016-S1	261	80	206	206	361	203
306	306	205	TEX 303020-S1	261	124	206	206	361	203
350	500	160	TEX 355016-S1	304	80	250	400	406	350
350	500	205	TEX 355020-S1	304	124	250	400	406	350
382	458	160	TEX 384516-S1	337	80	282	358	437	305
382	458	205	TEX 384520-S1	337	124	282	358	437	305
450	620	160	TEX 456216-S1	404	80	350	520	506	450
450	620	205	TEX 456220-S1	404	124	350	520	506	450
480	480	160	TEX 484816-S1	404	80	380	380	535	327
480	480	205	TEX 484820-S1	404	124	380	380	535	327
508	762	205	TEX 507620-S1	404	124	408	662	564	508
550	740	205	TEX 557420-S1	504	124	450	640	606	540
610	914	205	TEX 619120-S1	566	108	510	814	666	559
640	860	205	TEX 648620-S1	594	124	540	760	696	570
740	980	205	TEX 749820-S1	2 x 304	124	640	880	796	700

Width	Height	Depth	Reference	Maximum No of Cable Glands Per Bottom & Top							
A	B	C		M16	M20	M25	M32	M40	M50	M63	M75
mm	mm	mm		pcs	pcs	pcs	pcs	pcs	pcs	pcs	pcs
120	120	80	TES 121208-S	8	3	2	2	0	0	0	0
150	150	90	TES 151509-S	9	6	3	2	2	0	0	0
190	190	100	TES 191910-S	15	8	6	3	2	2	0	0
152	229	135	TEX 152213-S1	6	3	2	1	1	1	0	0
260	260	160	TEX 262616-S1	20	10	10	4	3	2	0	0
260	260	205	TEX 262620-S1	28	21	15	8	6	3	0	0
260	380	160	TEX 263816-S1	21	14	10	4	3	3	0	0
260	380	205	TEX 263820-S1	32	18	15	8	5	3	0	0
306	306	160	TEX 303016-S1	24	16	12	5	4	3	0	0
306	306	205	TEX 303020-S1	32	24	12	10	4	3	0	0
350	500	160	TEX 355016-S1	20	16	12	5	4	4	3	0
350	500	205	TEX 355020-S1	40	24	18	10	8	4	3	2
382	458	160	TEX 384516-S1	22	18	14	6	5	4	3	0
382	458	205	TEX 384520-S1	44	27	21	12	8	4	3	0
450	620	160	TEX 456216-S1	26	22	16	7	6	5	4	0
450	620	205	TEX 456220-S1	52	33	24	14	12	5	4	3
480	480	160	TEX 484816-S1	26	22	18	7	5	5	4	0
480	480	205	TEX 484820-S1	52	33	24	14	12	5	4	0
508	762	205	TEX 507620-S1	52	33	24	14	12	5	4	3
550	740	205	TEX 557420-S1	64	42	30	18	14	7	5	4
610	914	205	TEX 619120-S1	57	48	22	22	8	8	5	5
640	860	205	TEX 648620-S1	76	48	36	22	16	8	6	5
740	980	205	TEX 749820-S1	80	48	36	20	16	8	6	4

TES/TEX SERIES
EX TERMINAL BOXES

Width	Height	Depth	Reference	Maximum Terminal Content (Horizontal)						
A	B	C		WDU 1.5	WDU 2.5	WDU 4.0	WDU 6.0	WDU 10	SAK 2.5	SAK 4.0
mm	mm	mm		pcs	pcs	pcs	pcs	pcs	pcs	pcs
120	120	80	TES 121208-S	-- --	-- --	-- --	-- --	-- --	-- --	-- --
150	150	90	TES 151509-S	-- --	-- --	-- --	-- --	-- --	-- --	-- --
190	190	100	TES 191910-S	-- --	-- --	-- --	-- --	-- --	-- --	-- --
152	229	135	TEX 152213-S1	1 x 5	1 x 5	1 x 4	1 x 3	1 x 2	1 x 4	1 x 4
260	260	160	TEX 262616-S1	2 x 27	2 x 27	2 x 23	1 x 17	1 x 13	2 x 23	2 x 23
260	260	205	TEX 262620-S1	2 x 27	2 x 27	2 x 23	1 x 17	1 x 13	2 x 23	2 x 23
260	380	160	TEX 263816-S1	3 x 27	3 x 27	3 x 23	3 x 17	3 x 13	3 x 23	3 x 23
260	380	205	TEX 263820-S1	3 x 27	3 x 27	3 x 23	3 x 17	3 x 13	3 x 23	3 x 23
306	306	160	TEX 303016-S1	2 x 36	2 x 36	2 x 30	2 x 23	2 x 18	2 x 30	2 x 30
306	306	205	TEX 303020-S1	2 x 36	2 x 36	2 x 30	2 x 23	2 x 18	2 x 30	2 x 30
350	500	160	TEX 355016-S1	4 x 42	4 x 42	4 x 35	4 x 26	4 x 21	4 x 35	4 x 35
350	500	205	TEX 355020-S1	4 x 42	4 x 42	4 x 35	4 x 26	4 x 21	4 x 35	4 x 35
382	458	160	TEX 384516-S1	4 x 51	3 x 51	3 x 42	3 x 32	3 x 25	4 x 42	4 x 42
382	458	205	TEX 384520-S1	4 x 51	3 x 51	3 x 42	3 x 32	3 x 25	4 x 42	4 x 42
450	620	160	TEX 456216-S1	5 x 62	5 x 62	5 x 52	4 x 39	4 x 31	5 x 52	5 x 52
450	620	205	TEX 456220-S1	5 x 62	5 x 62	5 x 52	4 x 39	4 x 31	5 x 52	5 x 52
480	480	160	TEX 484816-S1	4 x 71	3 x 71	3 x 59	3 x 44	3 x 35	4 x 59	4 x 59
480	480	205	TEX 484820-S1	4 x 71	3 x 71	3 x 59	3 x 44	3 x 35	4 x 59	4 x 59
508	762	205	TEX 507620-S1	6 x 76	6 x 76	6 x 63	5 x 47	5 x 38	7 x 63	7 x 63
550	740	205	TEX 557420-S1	7 x 82	7 x 82	6 x 69	5 x 51	5 x 51	7 x 69	6 x 69
610	914	205	TEX 619120-S1	8 x 96	8 x 96	7 x 80	7 x 60	6 x 48	8 x 80	8 x 80
640	860	205	TEX 648620-S1	8 x 100	8 x 100	7 x 90	7 x 75	6 x 52	8 x 90	8 x 90
740	980	205	TEX 749820-S1	8 x120	8 x 120	7 x 100	7 x 77	6 x 61	8 x 100	8 x 100

Width	Height	Depth	Reference	Maximum Terminal Content (Vertical)						
A	B	C		WDU 1.5	WDU 2.5	WDU 4.0	WDU 6.0	WDU 10	SAK 2.5	SAK 4.0
mm	mm	mm		pcs	pcs	pcs	pcs	pcs	pcs	pcs
120	120	80	TES 121208-S	1 x 8	1 x 8	0	0	0	1 x 6	1 x 6
150	150	90	TES 151509-S	1 x 13	1 x 13	1 x 11	1 x 8	1 x 7	1 x 11	1 x 10
190	190	100	TES 191910-S	1 x 21	1 x 21	1 x 18	1 x 13	1 x 10	1 x 18	1 x 16
152	229	135	TEX 152213-S1	1 x 21	1 x 21	1 x 17	1 x 13	1 x 10	1 x 17	1 x 17
260	260	160	TEX 262616-S1	2 x 27	2 x 27	2 x 23	1 x 17	1 x 13	2 x 23	2 x 23
260	260	205	TEX 262620-S1	2 x 27	2 x 27	2 x 23	1 x 17	1 x 13	2 x 23	2 x 23
260	380	160	TEX 263816-S1	2 x 51	2 x 51	2 x 43	1 x 32	1 x 25	2 x 43	2 x 43
260	380	205	TEX 263820-S1	2 x 51	2 x 51	2 x 43	1 x 32	1 x 25	2 x 43	2 x 43
306	306	160	TEX 303016-S1	2 x 36	2 x 36	2 x 30	2 x 23	2 x 18	2 x 30	2 x 30
306	306	205	TEX 303020-S1	2 x 36	2 x 36	2 x 30	2 x 23	2 x 18	2 x 30	2 x 30
350	500	160	TEX 355016-S1	3 x 75	3 x 75	2 x 63	2 x 47	2 x 37	3 x 63	3 x 63
350	500	205	TEX 355020-S1	3 x 75	3 x 75	2 x 63	2 x 47	2 x 37	3 x 63	3 x 63
382	458	160	TEX 384516-S1	3 x 67	3 x 67	2 x 56	2 x 42	2 x 33	3 x 56	3 x 56
382	458	205	TEX 384520-S1	3 x 67	3 x 67	2 x 56	2 x 42	2 x 33	3 x 56	3 x 56
450	620	160	TEX 456216-S1	4 x 99	4 x 99	3 x 83	3 x 62	3 x 49	4 x 83	3 x 83
450	620	205	TEX 456220-S1	4 x 99	4 x 99	3 x 83	3 x 62	3 x 49	4 x 83	3 x 83
480	480	160	TEX 484816-S1	4 x 71	3 x 71	3 x 59	3 x 44	3 x 35	4 x 59	4 x 59
480	480	205	TEX 484820-S1	4 x 71	3 x 71	3 x 59	3 x 44	3 x 35	4 x 59	4 x 59
508	762	205	TEX 507620-S1	4 x 128	3 x 128	3 x 106	3 x 80	3 x 64	4 x 106	4 x 106
550	740	205	TEX 557420-S1	5 x 124	5 x 124	4 x 103	4 x 77	4 x 61	5 x 103	4 x 103
610	914	205	TEX 619120-S1	6 x 158	5 x 158	5 x 132	4 x 99	4 x 79	5 x 132	5 x 132
640	860	205	TEX 648620-S1	6 x 147	6 x 147	5 x 123	5 x 92	4 x 73	6 x 123	5 x 123
740	980	205	TEX 749820-S1	7 x 171	6 x 171	6 x 143	5 x 107	5 x 85	8 x 143	7 x 143

EX-PROOF ENCLOSURES

TERMINAL BOX MAXIMUM HEAT DISSIPATION

An ignition temperature is the temperature at which a hot surface will cause an ignition to ocur in a given atmosphere.
Dependent on the type of gas or dust, the maximum temperature that surface of the terminal box can reach without a spontaneous ignitoin is known as the “T Class”. The maximum surface temperature must always be lower than the ignition temperature of the atmosphere in which it is used.

Each terminal box within the TES / TEX Series has been asigned a maximum heat dissipation relating to the ambient and T Class.

The TES / TEX Series offer T6 and T5 protection:
T6= Maximum 85°C
T5= Maximum 100°C

Resistance and temperature rise must be calculated as follows:
$P = I^2 \times (Rt + Rc)$
P : (W) ; total heat dissipation
I : (A) ; maximum current at cables and terminals
Rt : (W) ; total resistance of terminals
Rc : (W) ; total resistance of cable(s)*
*Each cable is internal maximum length measured diagonally across the terminal box.

P ≤ Pmax condition must always be ontained.

Width	Height	Depth	Reference	Maximum Heat Dissipation P_{max} (W)		
A	B	C		Ta = 40 °C T6	Ta = 55 °C T6	Ta = 55 °C T5
mm	mm	mm		W	W	W
120	120	80	TES 121208-S	5	2.4	5
150	150	90	TES 151509-S	6	2.9	6
190	190	100	TES 191910-S	7	3.4	7
152	229	135	TEX 152213-S1	8	3.9	8
260	260	160	TEX 262616-S1	12	5.9	12
260	260	205	TEX 262620-S1	13	6.4	13
260	380	160	TEX 263816-S1	16	7.9	16
260	380	205	TEX 263820-S1	18	8.9	18
306	306	160	TEX 303016-S1	15	7.4	15
306	306	205	TEX 303020-S1	16	7.9	16
350	500	160	TEX 355016-S1	33	16.3	33
350	500	205	TEX 355020-S1	34	16.8	34
382	458	160	TEX 384516-S1	31	15.3	31
382	458	205	TEX 384520-S1	32	15.8	32
450	620	160	TEX 456216-S1	53	26	53
450	620	205	TEX 456220-S1	54	26.7	54
480	480	160	TEX 484816-S1	40	19.7	40
480	480	205	TEX 484820-S1	42	20.7	42
508	762	205	TEX 507620-S1	75	37	75
550	740	205	TEX 557420-S1	74	36.6	74
610	914	205	TEX 619120-S1	100	49.4	100
640	860	205	TEX 648620-S1	99	49	99
740	980	205	TEX 749820-S1	124	61.3	124

Ta : Ambient Temperature

MAXIMUM TERMINAL LOAD CONFIGURATION

For some applications it may be necessary to have variety of terminal sizes. The following tables and examples demonstrate how it is achieved. The power heat dissipation determines the maximum number of terminals permissable for any size of terminal box, based on 100% load.

Example 1: TEX 262616-S1			
Conductor size (mm²)	Current (A)	Number of Terminals	Load : 100% (Maximum)
1.5	10	18 (maks: 41)	43.90 %
2.5	16	10 (maks: 27)	37.04 %
4.0	20	5 (maks: 31)	16.13 %
			Total: 97.07 %

Example 2: TEX 262620-S1			
Conductor size (mm²)	Current (A)	Number of Terminals	Load : 100% (Maximum)
1.5	8	22 (maks: 97)	22.68 %
2.5	16	15 (maks: 31)	48.39 %
4.0	20	10 (maks: 35)	28.57 %
10.0	32	4 (maks: 66)	6.06 %
			Total: 105.70 %

In example 2, the required size and number of terminals cannot be fitted into this terminal box because the total load has exceeded the maximum value of 100%. In this case, larger size terminal box must be chosen and the same steps should be repeated in order to keep the total load within 100% value.

TYPICAL TERMINAL LOAD CONFIGURATION

The below given theoretical values are calculated depending on typical configurations. In any terminal box, the maximum heat dissipation power must not be exceeded.
Maximum current value for terminals must be calculated with choosing the right T Class and Maximum Ambient Temperature from page 6

TES 121208-S

Current (A) \ Conductor size (mm²)	0	1.5	2.5	4	6	10	16
8		41					
10		20					
12			30				
14			18				
16			13	51			
18				20			
20				14			
23					22		
25					16		
32						27	
35						15	
45							27
50							13

TES 151509-S

Current (A) \ Conductor size (mm²)	0	1.5	2.5	4	6	10	16
8		48					
10		23					
12			35				
14			21				
16			15	60			
18				24			
20				17			
23					26		
25					19		
32						32	
35						18	
45							32
50							15

TES 151509-S

Current (A) \ Conductor size (mm²)	0	1.5	2.5	4	6	10	16
8		57					
10		27					
12			41				
14			25				
16			18	71			
18				28			
20				20			
23					31		
25					22		
32						38	
35						22	
45							38
50							18

TES 152213-S1

Current (A) \ Conductor size (mm²)	0	1.5	2.5	4	6	10	16	25	35
8		63							
10		31							
12			46						
14			28						
16			20	79					
18				31					
20				23					
23					35				
25					25				
32						43			
35						24			
45							42		
50							20		
58									
63								33	
68									
75									
80									37

TES 262616-S1

Current (A) \ Conductor size (mm²)	0	1.5	2.5	4	6	10	16	25	35
8		85							
10		41							
12			63						
14			37						
16			27	106					
18				42					
20				31					
23					46				
25					33				
32						57			
35						32			
45							56		
50							27		
58									
63								44	
68									
75									
80									50

TES 262616-S1

Current (A) \ Conductor size (mm²)	0	1.5	2.5	4	6	10	16	25	35
8		97							
10		47							
12			72						
14			43						
16			31	123					
18				49					
20				35					
23					54				
25					39				
32						66			
35						38			
45							65		
50							31		
58									
63								51	
68									
75									
80									58

Typical Terminal Load Configuration

TES 263816-S1

Current (A) \ Conductor size (mm²)	0	1.5	2.5	4	6	10	16	25	35
8	90								
10	44								
12			66						
14			40						
16			29	113					
18				45					
20				33					
23					49				
25					36				
32						61			
35						35			
45							60		
50							29		
58									
63								47	
68									
75									
80									53

TES 263820-S1

Current (A) \ Conductor size (mm²)	0	1.5	2.5	4	6	10	16	25	35
8	103								
10	50								
12			76						
14			46						
16			33	130					
18				51					
20				37					
23					57				
25					41				
32						70			
35						40			
45							69		
50							33		
58									
63								54	
68									
75									
80									61

TES 303016-S1

Current (A) \ Conductor size (mm²)	0	1.5	2.5	4	6	10	16	25	35
8	92								
10	44								
12			67						
14			40						
16			29	115					
18				45					
20				33					
23					50				
25					36				
32						62			
35						35			
45							61		
50							29		
58									
63								48	
68									
75									
80									54

TES 303020-S1

Current (A) \ Conductor size (mm²)	0	1.5	2.5	4	6	10	16	25	35
8	105								
10	51								
12			77						
14			46						
16			34	131					
18				52					
20				38					
23					57				
25					41				
32						71			
35						40			
45							69		
50							33		
58									
63								55	
68									
75									
80									62

TES 355016-S1

Current (A) \ Conductor size (mm²)	0	1.5	2.5	4	6	10	16	25	35
8	105								
10	51								
12			77						
14			47						
16			34	132					
18				52					
20				38					
23					58				
25					42				
32						71			
35						40			
45							70		
50							33		
58									
63								55	
68									
75									
80									62

TES 355020-S1

Current (A) \ Conductor size (mm²)	0	1.5	2.5	4	6	10	16	25	35
8	118								
10	57								
12			87						
14			52						
16			38	149					
18				59					
20				43					
23					65				
25					47				
32						80			
35						45			
45							79		
50							38		
58									
63								62	
68									
75									
80									70

TES 384516-S1

Current (A) \ Conductor size (mm²)	0	1.5	2.5	4	6	10	16	25	35
8	107								
10	52								
12			78						
14			47						
16			34	135					
18				53					
20				39					
23					59				
25					42				
32						73			
35						41			
45							71		
50							34		
58									
63								56	
68									
75									
80									63

TES 384520-S1

Current (A) \ Conductor size (mm²)	0	1.5	2.5	4	6	10	16	25	35
8	121								
10	58								
12			88						
14			53						
16			39	151					
18				60					
20				44					
23					66				
25					48				
32						82			
35						46			
45							80		
50							38		
58									
63								63	
68									
75									
80									71

TES 456216-S1

Current (A) \ Conductor size (mm²)	0	1.5	2.5	4	6	10	16	25	35
8	122								
10	59								
12			89						
14			54						
16			39	153					
18				60					
20				44					
23					67				
25					48				
32						82			
35						47			
45							81		
50							39		
58									
63								64	
68									
75									
80									72

Typical Terminal Load Configuration

TES 456220-S1

Current (A) \ Conductor size (mm²)	0	1.5	2.5	4	6	10	16	25	35
8	135								
10	65								
12			99						
14			60						
16			43	169					
18				67					
20				49					
23					74				
25					53				
32						91			
35						52			
45							89		
50							53		
58									
63								71	
68									
75									
80									79

TES 484816-S1

Current (A) \ Conductor size (mm²)	0	1.5	2.5	4	6	10	16	25	35
8	117								
10	57								
12			86						
14			52						
16			38	147					
18				58					
20				42					
23					64				
25					46				
32						79			
35						45			
45							78		
50							37		
58									
63								61	
68									
75									
80									69

TES 484820-S1

Current (A) \ Conductor size (mm²)	0	1.5	2.5	4	6	10	16	25	35
8	130								
10	63								
12			95						
14			58						
16			42	163					
18				65					
20				47					
23					71				
25					51				
32						88			
35						50			
45							86		
50							41		
58									
63								68	
68									
75									
80									77

TES 507620-S1

Current (A) \ Conductor size (mm²)	0	1.5	2.5	4	6	10	16	25	35
8	146								
10	71								
12			107						
14			65						
16			47	184					
18				73					
20				53					
23					80				
25					58				
32						99			
35						56			
45							97		
50							47		
58									
63								77	
68									
75									
80									86

TES 557420-S1

Current (A) \ Conductor size (mm²)	0	1.5	2.5	4	6	10	16	25	35
8	151								
10	73								
12			110						
14			67						
16			48	189					
18				75					
20				55					
23					83				
25					60				
32						102			
35						58			
45							100		
50							48		
58									
63								79	
68									
75									
80									89

TES 619120-S1

Current (A) \ Conductor size (mm²)	0	1.5	2.5	4	6	10	16	25	35
8	164								
10	79								
12			120						
14			73						
16			53	206					
18				81					
20				59					
23					90				
25					65				
32						111			
35						63			
45							109		
50							52		
58									
63								86	
68									
75									
80									97

TES 648620-S1

Current (A) \ Conductor size (mm²)	0	1.5	2.5	4	6	10	16	25	35
8	166								
10	80								
12			121						
14			73						
16			53	208					
18				82					
20				60					
23					91				
25					66				
32						112			
35						64			
45							110		
50							53		
58									
63								87	
68									
75									
80									98

TES 749820-S1

Current (A) \ Conductor size (mm²)	0	1.5	2.5	4	6	10	16	25	35
8	182								
10	88								
12			133						
14			80						
16			59	228					
18				90					
20				60					
23					100				
25					72				
32						123			
35						70			
45							121		
50							58		
58									
63								96	
68									
75									
80									107