USF TERMINAL BOXES

TECHNOTERM®

USF Series

USF
Termial Boxes

NEC / CEC Certifications
Class I, Div. 2 Groups A, B, C, & D
Ex eb / Class I Zone 1 AEx eb IIC Gb
Class II, Div. 1 & 2, Groups E, F, & G
Class III
Ex tb Zone 21 AEx tb, IIIC T80°C/
T100°C/T130°CC Db
Type 3, 4, 4X IP66
Ta = -50°C to +40°C T6
Ta = -50°C to +55°C T5
Ta = -50°C to +90°C T4
Certificate 70013827

ATEX / IEC Ex Certificate
II 2 G D CE 2813
Ex eb IIC T6/T5/T4 Gb
Ex ib IIC T6/T5/T4 Gb
Ex tb IIIC T80°C/T100°C/T130°C
Db IP66
Ta = -50°C to +40°C
Ta = -50°C to +55°C
Ta = -50°C to +90°C
Service Temperature -55°C to +135°C
Sira 14ATEX3157
IECEx SIR 14.0055
IEx 15.0155X

FEATURES-SPECIFICATIONS

USF Terminal Box Features – 38 Sizes

- Offered with ABB or Weidmuller terminal blocks in choice of screw terminal or cage (spring) clamp style with DIN rail mounted. Intrinsically safe terminals also available.
- Externally sloped top flange directs water, melting ice/snow and dust build-up away from the opening side of the door
- Continuous robot welded seams for a hose down tight seal
- Concealed hinges with removable hinge pins. Standard on left side.
- Doors are interchangeable and easily removable
- Ground/earthing studs in both cover and through wall of the box
- Quarter-turn 316 stainless steel latch
- One-piece, high temperature, closed cell silicone gasket with superior recovery and re-sealing properties
- Sturdy 14 gauge box construction helps prevent bending or permanent deflection of the walls when field installing openings
- Bi-directional, movable mounting lugs for the widest flexibility during installations
- Openings for cable glands conduit can be factory or field installed. Gland plates available for all configurations.

Materials

- 316 stainless steel as standard.
- Optional material 304 stainless steel, carbon steel or aluminum.
- All external hardware 316 stainless steel.
- Gasket – one-piece, high temperature closed cell silicone

USF 12 12 06 * W S 1 6 GP1200 *

USF SERIES

ENCLOSURE SIZE L X W X D

MATERIAL:
Blank – 316 Stainless Steel

TERMINAL MANUFACTURER
W – WEIDMULLER
A – ABB

TERMINAL TYPE
S – Screw Clamp
C – Cage Clamp

NO. ROWS OF TERMINAL
1 – 1 Row
2 – 2 Rows
3 – 3 Rows
4 – 4 Rows
Max of 9 Rows

TERMINAL BLOCK SIZE
Max number of blocks will be provided unless otherwise specified
1 – 1.5mm² (AWG #14)
2 – 2.5mm² (AWG #14)
4 – 4mm² (AWG #12)
6 – 6mm² (AWG #10)
10 – 10mm² (AWG #8)
16 – 16mm² (AWG #6)
35 – 35mm² (AWG #2)

Larger sizes contact the factory
Specify ground /earth blocks size and quantity separately. Must be included in total quantity.
See terminal block pages for maximum quantity, sizes & rows of blocks per enclosures

GLAND PLATE / LOCATIONS
0 – None
1 – Bottom
2 – LHS
3 – Top
4 – RHS

OPTIONS (SEE CATALOG)

USF TERMINAL BOXES

TECHNE-TERM®

CATALOG NUMBER	HEIGHT IN. (MM)	WIDTH	DEPTH	"E"	"F"	"G"	"H"	"A" GLAND PLATE	"B" GLAND PLATE	"C" GLAND PLATE	WEIGHT LBS (KG)
USF121206	12 (305)	12 (305)	6 (153)	10.69 (272)	10.69 (272)	13.63 (346)	13.63 (346)	4.06 (103)	9.63 (245)	9.63 (245)	14 (6.3)
USF161206	16 (407)	12 (305)	6 (153)	10.69 (272)	14.69 (373)	13.63 (346)	17.63 (448)	4.06 (103)	13.38 (340)	9.63 (245)	20 (9.1)
USF161208	16 (407)	12 (305)	8 (203)	10.69 (272)	14.69 (373)	13.63 (346)	17.63 (448)	6.06 (154)	13.38 (340)	9.63 (245)	22 (10)
USF161210	16 (407)	12 (305)	10 (254)	10.69 (272)	14.69 (373)	13.63 (346)	17.63 (448)	8.06 (205)	13.38 (340)	9.63 (245)	24 (10.9)
USF161606	16 (407)	16 (407)	6 (153)	14.69 (373)	14.69 (373)	17.63 (448)	17.63 (448)	4.06 (103)	13.38 (340)	13.38 (340)	26 (11.8)
USF161608	16 (407)	16 (407)	8 (203)	14.69 (373)	14.69 (373)	17.63 (448)	17.63 (448)	6.06 (154)	13.38 (340)	13.38 (340)	27 (12.2)
USF161610	16 (407)	16 (407)	10 (254)	14.69 (373)	14.69 (373)	17.63 (448)	17.63 (448)	8.06 (205)	13.38 (340)	13.38 (340)	29 (13.2)
USF201606	20 (508)	16 (407)	6 (153)	18.69 (475)	14.69 (373)	21.63 (549)	17.63 (448)	4.06 (103)	17.38 (441)	13.38 (340)	29 (13.2)
USF201608	20 (508)	16 (407)	8 (203)	14.69 (373)	18.69 (475)	17.63 (448)	21.63 (549)	6.06 (154)	17.38 (441)	13.38 (340)	31 (14)
USF201610	20 (508)	16 (407)	10 (254)	14.69 (373)	18.69 (475)	17.63 (448)	21.63 (549)	8.06 (205)	17.38 (441)	13.38 (340)	32 (14.5)
USF202006	20 (508)	20 (508)	6 (153)	14.69 (373)	18.69 (475)	17.63 (448)	21.63 (549)	4.06 (103)	17.38 (441)	17.38 (441)	35 (15.9)
USF202008	20 (508)	20 (508)	8 (203)	18.69 (475)	18.69 (475)	21.63 (549)	21.63 (549)	6.06 (154)	17.38 (441)	17.38 (441)	37 (16.8)
USF202010	20 (508)	20 (508)	10 (254)	18.69 (475)	18.69 (475)	21.63 (549)	21.63 (549)	8.06 (205)	17.38 (441)	17.38 (441)	39 (17.7)
USF202012	20 (508)	20 (508)	12 (305)	18.69 (475)	18.69 (475)	21.63 (549)	21.63 (549)	10.06 (255)	17.38 (441)	17.38 (441)	44 (20)
USF241606	24 (610)	16 (407)	6 (153	14.69 (373)	22.69 (576)	17.63 (448)	25.63 (651)	4.06 (103)	21.38 (543)	13.38 (340)	35 (15.9)
USF241608	24 (610)	16 (407)	8 (203)	18.69 (475)	18.69 (475)	21.63 (549)	21.63 (549)	6.06 (154)	21.38 (543)	13.38 (340)	36 (16.3)
USF241610	24 (610)	16 (407)	10 (254)	14.69 (373)	22.69 (576)	17.63 (448)	25.63 (651)	8.06 (205)	21.38 (543)	13.38 (340)	38 (17.2)
USF242006	24 (610)	20 (508)	6 (153)	14.69 (373)	22.69 (576)	17.63 (448)	25.63 (651)	4.06 (103)	21.38 (543)	17.38 (441)	42 (19)
USF242008	24 (610)	20 (508)	8 (203)	18.69 (475)	22.69 (576)	21.63 (549)	25.63 (651)	6.06 (154)	21.38 (543)	17.38 (441)	43 (19.5)
USF242010	24 (610)	20 (508)	10 (254)	18.69 (475)	22.69 (576)	21.63 (549)	25.63 (651)	8.06 (205)	21.38 (543)	17.38 (441)	44 (20)
USF242012	24 (610)	20 (508)	12 (305)	18.69 (475)	22.69 (576)	21.63 (549)	25.63 (651)	10.06 (255)	21.38 (543)	17.38 (441)	46 (20.9)
USF242406	24 (610)	24 (610)	6 (153)	18.69 (475)	22.69 (576)	21.63 (549)	25.63 (651)	4.06 (103)	21.38 (543)	21.38 (543)	49 (22.2)
USF242408	24 (610)	24 (610)	8 (203)	22.69 (576)	22.69 (576)	25.63 (651)	25.63 (651)	6.06 (154)	21.38 (543)	21.38 (543)	53 (24)
USF242410	24 (610)	24 (610)	10 (254)	22.69 (576)	22.69 (576)	25.63 (651)	25.63 (651)	8.06 (205)	21.38 (543)	21.38 (543)	58 (26.3)
USF242412	24 (610)	24 (610)	12 (305)	22.69 (576)	22.69 (576)	25.63 (651)	25.63 (651)	10.06 (255)	21.38 (543)	21.38 (543)	62 (28.1)
USF242416	24 (610)	24 (610)	16 (407)	22.69 (576)	22.69 (576)	25.63 (651)	25.63 (651)	14.06 (357)	21.38 (543)	21.38 (543)	71 (32.2)
USF242420	24 (610)	24 (610)	20 (508)	22.69 (576)	22.69 (576)	25.63 (651)	25.63 (651)	18.06 (458)	21.38 (543)	21.38 (543)	78 (35.4)
USF302008	30 (762)	20 (508)	8 (203)	22.69 (576)	22.69 (576)	25.63 (651)	25.63 (651)	6.06 (154)	26.00 (660)	17.38 (441)	59 (26.8)
USF302010	30 (762)	20 (508)	10 (254)	18.69 (475)	28.69 (729)	21.63 (549)	31.63 (803)	8.06 (205)	26.00 (660)	17.38 (441)	61 (27.7)
USF302408	30 (762)	24 (610)	8 (203)	18.69 (475)	28.69 (729)	21.63 (549)	31.63 (803)	6.06 (154)	26.00 (660)	21.38 (543)	56 (25.4)
USF302410	30 (762)	24 (610)	10 (254)	22.69 (576)	28.69 (729)	25.63 (651)	31.63 (803)	8.06 (205))	26.00 (660)	21.38 (543)	63 (28.6)
USF302412	30 (762)	24 (610)	12 (305)	22.69 (576)	28.69 (729)	25.63 (651)	31.63 (803)	10.06 (255)	26.00 (660)	21.38 (543)	64 (29)
USF302420	30 (762)	24 (610)	20 (508)	22.69 (576)	28.69 (729)	25.63 (651)	31.63 (803)	18.06 (458)	26.00 (660)	21.38 (543)	99 (45)
USF303008	30 (762)	30 (762)	8 (203)	22.69 (576)	28.69 (729)	25.63 (651)	31.63 (803)	6.06 (154)	26.00 (660)	26.00 (660)	68 (30.8)
USF303010	30 (762)	30 (762)	10 (254)	28.69 (729)	28.69 (729)	31.63 (803)	31.63 (803)	8.06 (205)	26.00 (660)	26.00 (660	72 (32.7)
USF303012	30 (762)	30 (762)	12 (305)	28.69 (729)	28.69 (729)	31.63 (803)	31.63 (803)	10.06 (255)	26.00 (660)	26.00 (660	89 (40.4)
USF362408	36 (915)	24 (610)	8 (203)	34.69 (881)	28.69 (729)	37.63 (956)	31.63 (803)	6.06 (154)	33.00 (838)	21.38 (543)	66 (30)
USF362410	36 (915)	24 (610)	10 (254)	9.79 (249)	35.20 (894)	8.15 (207)	27.63 (702)	8.06 (205)	33.00 (838)	21.38 (543)	70 (31.8)

All dimension in. (mm)

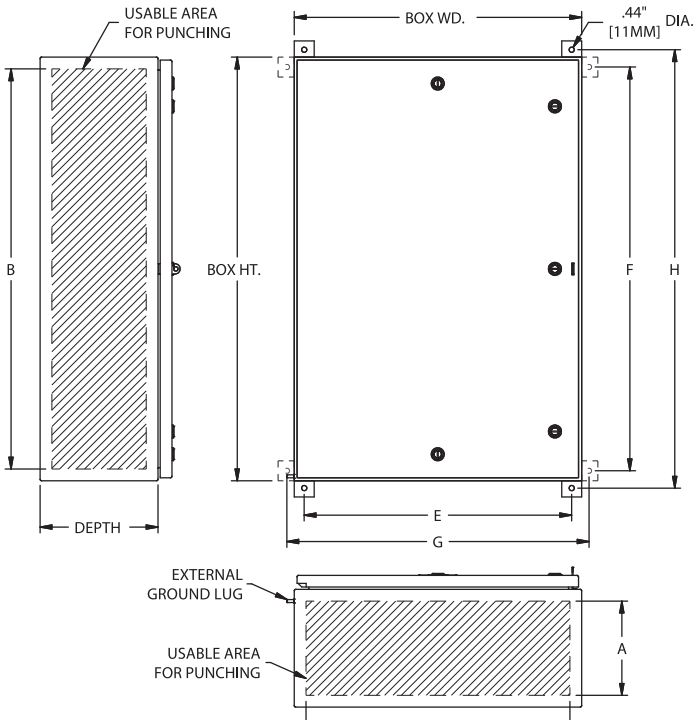
USF TERMINAL BOXES

TECHNE-TERM®

CATALOG NUMBER	"A" BLANK WALL AREA	"B" BLANK WALL AREA	"C" BLANK WALL AREA	(W) MAX. POWER
USF121206	5.74 (146)	10.93 (277)	10.93 (277)	15.0
USF161206	5.74 (146)	14.93 (379)	10.93 (277)	17.0
USF161208	7.74 (196)	14.93 (379)	10.93 (277)	20.6
USF161210	9.74 (247)	14.93 (379)	10.93 (277)	23.5
USF161606	5.74 (146)	14.93 (379)	14.93 (379)	19.0
USF161608	7.74 (196)	14.93 (379)	14.93 (379)	20.0
USF161610	9.74 (247)	14.93 (379)	14.93 (379)	25.0
USF201606	5.74 (146)	18.93 (480)	14.93 (379)	21.0
USF201608	7.74 (196)	18.93 (480)	14.93 (379)	23.0
USF201610	9.74 (247)	18.93 (480)	14.93 (379)	26.0
USF202006	5.74 (146)	18.93 (480)	18.93 (480)	24.3
USF202008	7.74 (196)	18.93 (480)	18.93 (480)	26.0
USF202010	9.74 (247)	18.93 (480)	18.93 (480)	30.0
USF202012	11.74 (298)	18.93 (480)	18.93 (480)	36.0
USF241606	5.74 (146)	22.93 (582)	14.93 (379)	35.0
USF241608	7.74 (196)	22.93 (582)	14.93 (379)	36.0
USF241610	9.74 (247)	22.93 (582)	14.93 (379)	31.0
USF242006	5.74 (146)	22.93 (582)	18.93 (480)	24.5
USF242008	7.74 (196)	22.93 (582)	18.93 (480)	31.5
USF242010	9.74 (247)	22.93 (582)	18.93 (480)	33.6
USF242012	11.74 (298)	22.93 (582)	18.93 (480)	36.0
USF242406	5.74 (146)	22.93 (582)	22.93 (582)	25.8
USF242408	7.74 (196)	22.93 (582)	22.93 (582)	34.0
USF242410	9.74 (247)	22.93 (582)	22.93 (582)	34.0
USF242412	11.74 (298)	22.93 (582)	22.93 (582)	38.0
USF242416	15.74 (400)	22.93 (582)	22.93 (582)	42.0
USF242420	19.74 (501)	22.93 (582)	22.93 (582)	57.3
USF302008	7.74 (196)	28.93 (735)	18.93 (480)	36.5
USF302010	9.74 (247)	28.93 (735)	18.93 (480)	36.0
USF302408	7.74 (196)	28.93 (735)	22.93 (582)	39.0
USF302410	9.74 (247)	28.93 (735)	22.93 (582)	38.0
USF302412	11.74 (298)	28.93 (735)	22.93 (582)	40.0
USF302420	19.74 (501)	28.93 (735)	22.93 (582)	57.3
USF303008	7.74 (196)	28.93 (735)	28.93 (735)	43.0
USF303010	9.74 (247)	28.93 (735)	28.93 (735)	40.0
USF303012	11.74 (298)	28.93 (735)	28.93 (735)	46.0
USF362408	7.74 (196)	34.93 (887)	22.93 (582)	44.0
USF362410	9.74 (247)	34.93 (887)	22.93 (582)	40.0

All dimension in. (mm)

USF MAXIMUM CONDUIT / GLAND OPENINGS					
W/O GLAND PLATE			W/ GLAND PLATE		
BOX DEPTH	MAX NPT	MAX METRIC	BOX DEPTH	MAX NPT	MAX METRIC
6	3-1/2"	M100	6	2-1/2"	M75
8	4"	M100	8	4"	M100
10	4"	M100	10	4"	M100
12	4"	M100	12	4"	M100
16	4"	M100	16	4"	M100
20	4"	M100	20	4"	M100



Standard terminal offering

- ABB ZS Screw Clamp
- ABB ZK Cage (Spring) Clamp
- Weidmuller WD Screw Clamp
- Weidmuller ZD Cage (Spring) Clamp

Additional ABB and Weidmuller terminal blocks available. Contact the factory for more information.

Terminals are mounted on TS-35 DIN rail. The rails are mounted to raised collared studs or unistrut rails which adds additional air flow and wire room.

See terminal block pages for maximum quantity, sizes and rows of blocks per enclosures.

Specify ground / earth blocks size and quantity separately. Must be included in total quantity.

The USF terminal boxes are suitable for use with Wago, Phoenix and Klemsan Elektrik terminals.

Options

- Panel ID tag 316 stainless steel
- Tamperproof latches
- Key latches
- Copper ground / earth bars

See enclosure modification page for conduit / gland holes sizes and spacing.

ABB TERMINALS

ABB ZS Series Screw Terminal

ZS 4	32 AMPS 4MM2 690VAC (12 AWG 600VAC)							
	1 ROW	2 ROWS	3 ROWS	4 ROWS	5 ROWS	6 ROWS	7 ROWS	8 ROWS
USF1212**	33	66	99					
USF1612**	52	104	156					
USF1616**	52	104	156	208				
USF2016**	72	144	216	288				
USF2020**	72	144	216	288	360			
USF2416**	91	182	273	364				
USF2420**	91	182	273	364	455			
USF2424**	91	182	273	364	455	546		
USF3020**	114	228	342	456	570			
USF3024**	114	228	342	456	570	684		
USF3030**	114	260	342	456	570	684	798	912
USF3624**	148	296	444	592	740	888		
ZS 6	**41 AMPS 6MM2 690VAC (10 AWG 600VAC)**							
USF1212**	29	58	87					
USF1612**	45	90	135					
USF1616**	45	90	135	180				
USF2016**	62	124	186	248				
USF2020**	62	124	186	248	310			
USF2416**	79	158	237	316				
USF2420**	79	158	237	316	395			
USF2424**	79	158	237	316	395	474		
USF3020**	98	196	294	392	490			
USF3024**	98	196	294	392	490	588		
USF3030**	98	260	294	392	490	588	686	784
USF3624**	128	256	384	512	640	768		
ZS 10	**57 AMPS 10MM2 690VAC (6 AWG 600VAC)**							
USF1212**	21	42						
USF1612**	34	68						
USF1616**	34	68	102					
USF2016**	47	94	141					
USF2020**	47	94	141	188				
USF2416**	59	118	177					
USF2420**	59	118	177	236				
USF2424**	59	118	177	236	295			
USF3020**	74	148	222	296				
USF3024**	74	148	222	296	370			
USF3030**	74	148	222	296	370	444		
USF3624**	96	192	288	384	480			
ZS 16	**76 AMPS 16MM2 690VAC (4 AWG 600VAC)**							
USF1212**	17	34						
USF1612**	27	54						
USF1616**	27	54						
USF2016**	37	74						
USF2020**	37	74	111					
USF2416**	47	94						
USF2420**	47	94	141					
USF2424**	47	94	141	188				
USF3020**	59	118	177					
USF3024**	59	118	177	236				
USF3030**	59	118	177	236	295			
USF3624**	77	154	231	308				
ZS 35	**125 AMPS 35MM2 690VAC (1/0 AWG 600VAC)**							
USF1212**	10							
USF1612**	17							
USF1616**	17							
USF2016**	23							
USF2020**	23	46						
USF2416**	29							
USF2420**	29	58						
USF2424**	29	58						
USF3020**	37	74						
USF3024**	37	74						
USF3030**	37	74	111					
USF3624**	48	96						
ZS 4-D1	**29 AMPS 4MM2 440VAC (12 AWG)**							
USF1212**	33	66						
USF1612**	52	104						
USF1616**	52	104	156					
USF2016**	72	144	216					
USF2020**	72	144	216	288				
USF2416**	91	182	273					
USF2420**	91	182	273	364				
USF2424**	91	182	273	364	455			
USF3020**	114	228	342	456				
USF3024**	114	228	342	456	570			
USF3030**	114	260	342	456	570	684		
USF3624**	148	296	444	592	740			

ABB ZS Series Screw Terminal

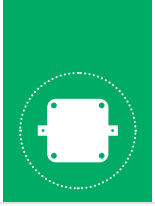
ZS 6-D1	40 AMPS 6MM2 440VAC (10 AWG)							
	1 ROW	2 ROWS	3 ROWS	4 ROWS	5 ROWS	6 ROWS	7 ROWS	8 ROWS
USF1212**	28	56						
USF1612**	45	90						
USF1616**	45	90	135					
USF2016**	62	124	186					
USF2020**	62	124	186	248				
USF2416**	79	158	237					
USF2420**	79	158	237	316				
USF2424**	79	158	237	316	395			
USF3020**	98	196	294	392				
USF3024**	98	196	294	392	490			
USF3030**	98	260	294	392	490	588		
USF3624**	128	256	384	512	640			
ZS 4-D2	**29 AMPS 4MM2 440VAC (12 AWG)**							
USF1212**	33	66						
USF1612**	52	104						
USF1616**	52	104	156					
USF2016**	72	144	216					
USF2020**	72	144	216	288				
USF2416**	91	182	273					
USF2420**	91	182	273	364				
USF2424**	91	182	273	364	455			
USF3020**	114	228	342	456				
USF3024**	114	228	342	456	570			
USF3030**	114	260	342	456	570	684		
USF3624**	148	296	444	592	740			
ZS 6-D2	**40 AMPS 6MM2 440VAC (10 AWG)**							
USF1212**	28	56						
USF1612**	45	90						
USF1616**	45	90						
USF2016**	62	124	186					
USF2020**	62	124	186	248				
USF2416**	79	158	237					
USF2420**	79	158	237	316				
USF2424**	79	158	237	316	395			
USF3020**	98	196	294	392				
USF3024**	98	196	294	392	490			
USF3030**	98	260	294	392	490	588		
USF3624**	128	256	384	512	640			

ABB ZK SERIES CAGE CLAMP TERMINALS

ZK 2.5	21 AMPS 2.5MM2 690VAC (14 AWG 600VAC)							
USF1212**	35	70	105					
USF1612**	54	108	162					
USF1616**	54	108	162	216				
USF2016**	74	148	222	296				
USF2020**	74	148	222	296	370			
USF2416**	93	186	279	372				
USF2420**	93	186	279	372	465			
USF2424**	93	186	279	372	465	558		
USF3020**	116	232	348	464	580			
USF3024**	116	232	348	464	580	696		
USF3030**	116	260	348	464	580	696	812	928
USF3624**	150	300	450	600	750	900		
ZK 4	**29 AMPS 4MM2 690VAC (12 AWG 600VAC)**							
USF1212**	31	62	93					
USF1612**	47	94	141					
USF1616**	47	94	141	188				
USF2016**	64	128	192	256				
USF2020**	64	128	192	256	320			
USF2416**	81	162	243	324				
USF2420**	81	162	243	324	405			
USF2424**	81	162	243	324	405	486		
USF3020**	101	202	303	404	505			
USF3024**	101	202	303	404	505	606		
USF3030**	101	260	303	404	505	606	707	808
USF3624**	130	260	390	520	650	780		
ZK 6	**37 AMPS 6MM2 690VAC (10 AWG 600VAC)**							
USF1212**	23	46						
USF1612**	35	70						
USF1616**	35	70	105					
USF2016**	48	96	144					
USF2020**	48	96	144	192				
USF2416**	61	122	183					
USF2420**	61	122	183	244				
USF2424**	61	122	183	244	305			
USF3020**	75	150	225	300				
USF3024**	75	150	225	300	375			
USF3030**	75	150	225	300	375	450		
USF3624**	97	194	291	388	485			

ABB ZK Series Cage Clamp Terminals

ZK 10	51 AMPS 10MM2 690VAC (6 AWG 600VAC)						
	1 ROW	2 ROWS	3 ROWS	4 ROWS	5 ROWS	6 ROWS	7 ROWS
USF1212**	18	36					
USF1612**	28	56					
USF1616**	28	56					
USF2016**	38	76					
USF2020**	38	76	114				
USF2416**	48	96					
USF2420**	48	96	144				
USF2424**	48	96	144	192			
USF3020**	60	120	180				
USF3024**	60	120	180	240			
USF3030**	60	120	180	240	300		
USF3624**	78	156	234	312			
ZK 16	**69 AMPS 16MM2 690VAC (4 AWG 600VAC)**						
USF1212**	15						
USF1612**	23						
USF1616**	23	46					
USF2016**	32	64					
USF2020**	32	64	96				
USF2416**	40	80					
USF2420**	40	80	120				
USF2424**	40	80	120				
USF3020**	50	100	150				
USF3024**	50	100	150				
USF3030**	50	100	150	200			
USF3624**	65	130	195				
ZK 2.5-3P	**21 AMPS 2.5MM2 690VAC (14 AWG 600VAC)**						
USF1212**	35	70					
USF1612**	54	108					
USF1616**	54	108	162				
USF2016**	74	148	222				
USF2020**	74	148	222	296			
USF2416**	93	186	279				
USF2420**	93	186	279	372			
USF2424**	93	186	279	372	465		
USF3020**	116	232	348				
USF3024**	116	232	348	464	580		
USF3030**	116	232	348	464	580	900	812
USF3624**	150	300	450	600	750		
ZK 4-3P	**29 AMPS 4MM2 690VAC (12 AWG 600VAC)**						
USF1212**	30	60					
USF1612**	47	94					
USF1616**	47	94	141				
USF2016**	64	128	192				
USF2020**	64	128	192	256			
USF2416**	81	162	243				
USF2420**	81	162	243	324			
USF2424**	81	162	243	324	405		
USF3020**	101	202	303	404			
USF3024**	101	202	303	404	505		
USF3030**	101	202	303	404	505	780	
USF3624**	130	260	390	520	650		
ZK 2.5-4P	**21 AMPS 2.5MM2 690VAC (14 AWG 600VAC)**						
USF1212**	35	70					
USF1612**	54	108					
USF1616**	54	108	162				
USF2016**	74	148	222				
USF2020**	74	148	222				
USF2416**	93	186	279				
USF2420**	93	186	279				
USF2424**	93	186	279	372			
USF3020**	116	232	348				
USF3024**	116	232	348	464			
USF3030**	116	232	348	464	580	900	
USF3624**	150	300	450	600			
ZK 4-4P	**29 AMPS 4MM2 690VAC (12 AWG 600VAC)**						
USF1212**	30	60					
USF1612**	47	94					
USF1616**	47	94	141				
USF2016**	64	128	192				
USF2020**	64	128	192				
USF2416**	81	162	243				
USF2420**	81	162	243				
USF2424**	81	162	243	324			
USF3020**	101	202	303				
USF3024**	101	202	303	404			
USF3030**	101	202	303	404	505		
USF3624**	130	260	390	520			



WEIDMULLER TERMINALS

Weidmuller WDU Series Screw Terminal

WDU 2.5	15 AMPS 2.5MM² 550VAC (14 AWG)						
	1 ROW	2 ROWS	3 ROWS	4 ROWS	5 ROWS	6 ROWS	7 ROWS
USF1212**	35	70					
USF1612**	55	110					
USF1616**	55	110	165				
USF2016**	75	150	225				
USF2020**	75	150	225	300	375		
USF2416**	95	190	285				
USF2420**	95	190	285	380	475		
USF2424**	95	190	285	380	475	570	
USF3020**	118	236	354	472	590		
USF3024**	118	236	354	472	590	708	
USF3030**	118	260	354	472	590	708	826
USF3624**	153	306	459	612	765	918	
WDU 4	**28 AMPS 4MM² 690VAC (12 AWG 600VAC)**						
USF1212**	29	58					
USF1612**	46	92					
USF1616**	46	92	138				
USF2016**	62	124	186				
USF2020**	62	124	186	248	310		
USF2416**	79	158	237				
USF2420**	79	158	237	316	395		
USF2424**	79	158	237	316	395	474	
USF3020**	98	196	294	392	490		
USF3024**	98	196	294	392	490	588	
USF3030**	98	260	294	392	490	588	686
USF3624**	127	254	381	508	635	762	
WDU 6	**36 AMPS 6MM² 550VAC (10 AWG)**						
USF1212**	23	46					
USF1612**	35	70					
USF1616**	35	70	105				
USF2016**	48	96	144				
USF2020**	48	96	144	192	240		
USF2416**	61	122	183				
USF2420**	61	122	183	244	305		
USF2424**	61	122	183	244	305	366	
USF3020**	76	152	228	304	380		
USF3024**	76	152	228	304	380	456	
USF3030**	76	152	228	304	380	456	532
USF3624**	98	196	294	392	490	588	
WDU 10	**50 AMPS 10MM² 550VAC (8 AWG)**						
USF1212**	18	36					
USF1612**	28	56					
USF1616**	28	56	84				
USF2016**	38	76	114				
USF2020**	38	76	114	152			
USF2416**	48	96	144				
USF2420**	48	96	144	192			
USF2424**	48	96	144	192	240		
USF3020**	60	120	180	240			
USF3024**	60	120	180	240	300		
USF3030**	60	120	180	240	300	360	420
USF3624**	78	156	234	312	390		
WDU 16	**66 AMPS 16MM² 690VAC (6 AWG 600VAC)**						
USF1212**	14	28					
USF1612**	22	44					
USF1616**	22	44	66				
USF2016**	30	60	90				
USF2020**	30	60	90	120			
USF2416**	39	78	117				
USF2420**	39	78	117	156			
USF2424**	39	78	117	156	195		
USF3020**	48	96	144	192			
USF3024**	48	96	144	192	240		
USF3030**	48	96	144	192	240	288	
USF3624**	63	126	189	252	315		
WDU 35	**109 AMPS 35MM² 690VAC (2 AWG 600VAC)**						
USF1212**	10						
USF1612**	17						
USF1616**	17	34					
USF2016**	23	46					
USF2020**	23	46	69				
USF2416**	29	58					
USF2420**	29	58	87				
USF2424**	29	58	87				
USF3020**	37	74	111				
USF3024**	37	74	111				
USF3030**	37	74	111	148			
USF3624**	48	96	144				

Weidmuller ZDU Series Cage Clamp Terminals

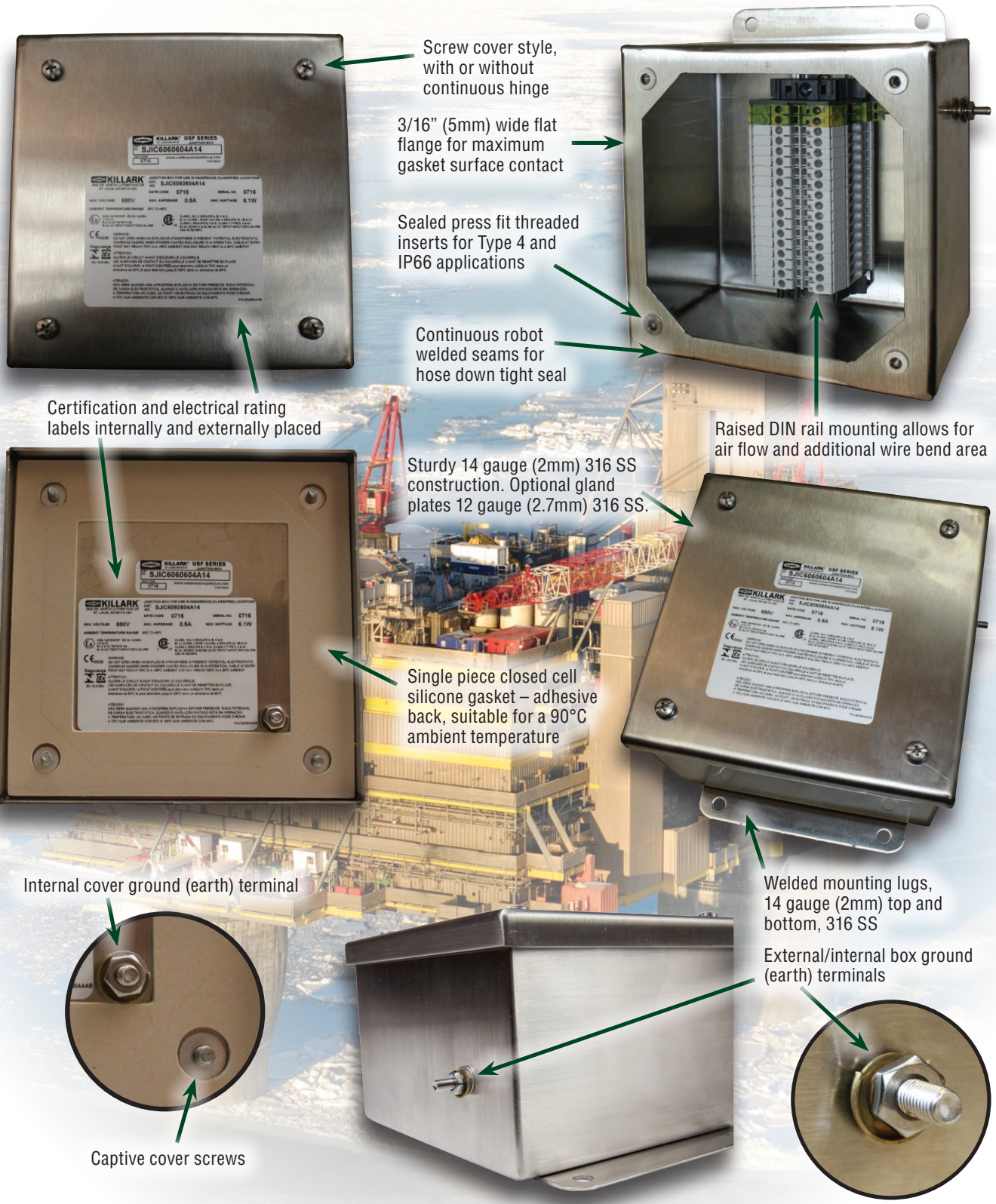
ZDU 2.5	21 AMPS 2.5MM² 550VAC (14 AWG)						
	1 ROW	2 ROWS	3 ROWS	4 ROWS	5 ROWS	6 ROWS	7 ROWS
USF1212**	35	70					
USF1612**	55	110					
USF1616**	55	110	165				
USF2016**	75	150	225				
USF2020**	75	150	225	300			
USF2416**	95	190	285				
USF2420**	95	190	285	380			
USF2424**	95	190	285	380	475	570	
USF3020**	118	236	354	472			
USF3024**	118	236	354	472	590	708	
USF3030**	118	236	354	472	590	708	826
USF3624**	153	306	459	612	765	918	
ZDU 4	**28 AMPS 4MM² 550VAC (12 AWG)**						
USF1212**	29	58					
USF1612**	45	90					
USF1616**	45	90	135				
USF2016**	62	124	186				
USF2020**	62	124	186	248			
USF2416**	79	158	237				
USF2420**	79	158	237	316			
USF2424**	79	158	237	316	395	474	
USF3020**	98	196	294	392			
USF3024**	98	196	294	392	490	588	
USF3030**	98	196	294	392	490	588	686
USF3624**	127	254	381	508	635	762	
ZDU 6	**36 AMPS 6MM² 550VAC (10 AWG)**						
USF1212**	21	42					
USF1612**	34	68					
USF1616**	34	68	102				
USF2016**	46	92	138				
USF2020**	46	92	138	184			
USF2416**	59	118	177				
USF2420**	59	118	177	236			
USF2424**	59	118	177	236	295		
USF3020**	73	146	219	292			
USF3024**	73	146	219	292	365		
USF3030**	73	146	219	292	365	438	511
USF3624**	95	190	285	380	475		
ZDU 10	**50 AMPS 10MM² 550VAC (8 AWG)**						
USF1212**	17	35					
USF1612**	27	54					
USF1616**	27	54					
USF2016**	37	74					
USF2020**	37	74	111				
USF2416**	47	94					
USF2420**	47	94	141				
USF2424**	47	94	141	188			
USF3020**	59	118	177				
USF3024**	59	118	177	236			
USF3030**	59	118	177	236	295		
USF3624**	76	152	228	304			
ZDU 16	**66 AMPS 16MM² 690VAC (6 AWG 600VAC)**						
USF1212**	14	28					
USF1612**	22	44					
USF1616**	22	44					
USF2016**	30	60					
USF2020**	30	60	90				
USF2416**	39	78					
USF2420**	39	78	117				
USF2424**	39	78	117	156			
USF3020**	48	96	144				
USF3024**	48	96	144	192			
USF3030**	48	96	144	192	240		
USF3624**	63	126	189	252			
ZDU 35	**109 AMPS 35MM² 690VAC (2 AWG 600VAC)**						
USF1212**	11						
USF1612**	17						
USF1616**	17						
USF2016**	23						
USF2020**	23	46					
USF2416**	29						
USF2420**	29	58					
USF2424**	29	58					
USF3020**	37	74					
USF3024**	37	74					
USF3030**	37	74	111				
USF3624**	48	96					

Weidmuller WDUN Series Screw Clamp Terminals

WDU 2.5N	15 AMPS 2.5MM² 440VAC (14 AWG)								
	1 ROW	2 ROWS	3 ROWS	4 ROWS	5 ROWS	6 ROWS	7 ROWS	8 ROWS	9 ROWS
USF1212**	34	68	102						
USF1612**	54	108	162						
USF1616**	54	108	162	216					
USF2016**	74	148	222	296					
USF2020**	74	148	222	296	370				
USF2416**	94	188	282	376					
USF2420**	94	188	282	376	470				
USF2424**	94	188	282	376	470	564	658		
USF3020**	118	236	354	472	590				
USF3024**	118	236	354	472	590	708	826		
USF3030**	118	260	354	472	590	708	826	944	1062
USF3624**	153	306	459	612	765	918	1377		
WDU 4N	**27 AMPS 4MM² 440VAC (12 AWG)**								
USF1212**	29	58							
USF1612**	45	90							
USF1616**	45	90	135						
USF2016**	62	124	186						
USF2020**	62	124	186	248	310				
USF2416**	79	158	237						
USF2420**	79	158	237	316	395				
USF2424**	79	158	237	316	395	474	553		
USF3020**	98	196	294	392	490				
USF3024**	98	196	294	392	490	588	686		
USF3030**	98	260	294	392	490	588	686	784	882
USF3624**	127	254	381	508	635	762	1143		
WDK 2.5N	**21 AMPS 2.5MM² 550VAC (14 AWG) DOUBLE POLE FEED THROUGH**								
USF1212**	33	66							
USF1612**	53	106							
USF1616**	53	106	159						
USF2016**	73	146	219						
USF2020**	73	146	219	292					
USF2416**	93	186	279						
USF2420**	93	186	279	372					
USF2424**	93	186	279	372	465	558			
USF3020**	116	232	348	464					
USF3024**	116	232	348	464	580	696			
USF3030**	116	232	348	464	580	696	812	944	1062
USF3624**	151	302	453	604	755	906			
WDK 4N	**28 AMPS 4MM² 550VAC (12 AWG) DOUBLE POLE FEED THROUGH**								
USF1212**	28	56							
USF1612**	44	88							
USF1616**	44	88	132						
USF2016**	61	122	183						
USF2020**	61	122	183	244					
USF2416**	78	156	234						
USF2420**	78	156	234	312					
USF2424**	78	156	234	312	390	468			
USF3020**	97	194	291	388					
USF3024**	97	194	291	388	485	582			
USF3030**	97	194	291	388	485	582	679	784	882
USF3624**	126	252	378	504	630	756			
WDK 2.5NV	**21 AMPS 2.5MM² 550VAC (14 AWG) FOUR POLES FEED THROUGH**								
USF1212**	33	66							
USF1612**	53	106							
USF1616**	53	106	159						
USF2016**	73	146	219						
USF2020**	73	146	219	292					
USF2416**	93	186	279						
USF2420**	93	186	279	372					
USF2424**	93	186	279	372	465	558			
USF3020**	116	232	348	464					
USF3024**	116	232	348	464	580	696			
USF3030**	116	232	348	464	580	696	812		
USF3624**	151	302	453	604	755	906			
WDK 4NV	**28 AMPS 4MM² 550VAC (12 AWG) FOUR POLES FEED THROUGH**								
USF1212**	28	56							
USF1612**	44	88							
USF1616**	44	88	132						
USF2016**	61	122	183						
USF2020**	61	122	183	244					
USF2416**	78	156	234						
USF2420**	78	156	234	312					
USF2424**	78	156	234	312	390	468			
USF3020**	97	194	291	388					
USF3024**	97	194	291	388	485	582			
USF3030**	97	194	291	388	485	582	679		
USF3624**	126	252	378	504	630	756			

SJIC SERIES

TERMINAL BOXES FOR HARSH & HAZARDOUS ENVIRONMENTS



SJIC & SJICH TERMINAL BOXES • SCREW COVER & HINGED SCREW COVER

TECHNOTERM®

SJIC Series

USF
Termial Boxes

NEC / CEC Certifications
Class I, Div. 2 Groups A, B, C, & D
Ex eb / Class I Zone 1 AEx eb IIC Gb
Class II, Div. 1 & 2, Groups E, F, & G
Class III
Ex tb Zone 21 AEx tb, IIIC T80°C/
T100°C/T130°CC Db
Type 3, 4, 4X IP66
Ta = -50°C to +40°C T6
Ta = -50°C to +55°C T5
Ta = -50°C to +90°C T4
Certificate 70013827

ATEX / IEC Ex Certificate
II 2 G D CE 2813
Ex eb IIC T6/T5/T4 Gb
Ex ib IIC T6/T5/T4 Gb
Ex tb IIIC T80°C/T100°C/T130°C
Db IP66
Ta = -50°C to +40°C
Ta = -50°C to +55°C
Ta = -50°C to +90°C
Service Temperature -55°C to +135°C
Sira 14ATEX3157
IECEx SIR 14.0055
IEx 15.0155X

FEATURES-SPECIFICATIONS

SJIC Enclosures Features – 15 Sizes
SJICH Enclosures Features – 11 Sizes

- Offered with ABB or Weidmuller terminal blocks in choice of screw terminal or cage (spring) clamp style with DIN rail mounted. Intrinsically safe terminals also available.
- Screw covers 316 stainless steel
- Continuous robot welded seams for a hose down tight seal
- SJIC doors are interchangeable and easily removable
- SJICH have continuous, one-piece hinge construction. Standard on left side.
- Ground/earthing studs in both cover and through wall of the box
- One-piece, high temperature, closed cell silicone gasket with superior recovery and re-sealing properties
- Sturdy 14 gauge box construction helps prevent bending or permanent deflection of the walls when field installing openings
- Welded, one-piece mounting flanges on top and bottom for strength
- Openings for glands or conduit factory or field installed – option for gland plates

Materials

- 316 stainless steel as standard
- Optional material 304 stainless steel, carbon steel or aluminum
- All external hardware 316 stainless steel
- Gasket – one-piece, high temperature closed cell silicone

SJIC * 12 12 06 W S 1 6 GP1200 *

SERIES
SJIC – Screw Cover
SJICH – Screw / Hinged Cover

MATERIAL:
6 – 316 Stainless Steel

ENCLOSURE SIZE L X W X D

TERMINAL MANUFACTURER
W – WEIDMULLER
A – ABB

TERMINAL TYPE
S – Screw Clamp
C – Cage Clamp

NO. ROWS OF TERMINAL
1 – 1 Row
2 – 2 Rows
3 – 3 Rows
4 – 4 Rows

TERMINAL BLOCK SIZE
Max number of blocks will be provided unless otherwise specified
2 – 2.5mm² (AWG #14)
4 – 4mm² (AWG #12)
6 – 6mm² (AWG #10)
10 – 10mm² (AWG #8)
16 – 16mm² (AWG #6)
35 – 35mm² (AWG #2)

GLAND PLATE / LOCATIONS
0 – None
1 – Bottom
2 – LHS
3 – Top
4 – RHS
See enclosure charts for suitable gland plates

OPTIONS (SEE CATALOG)

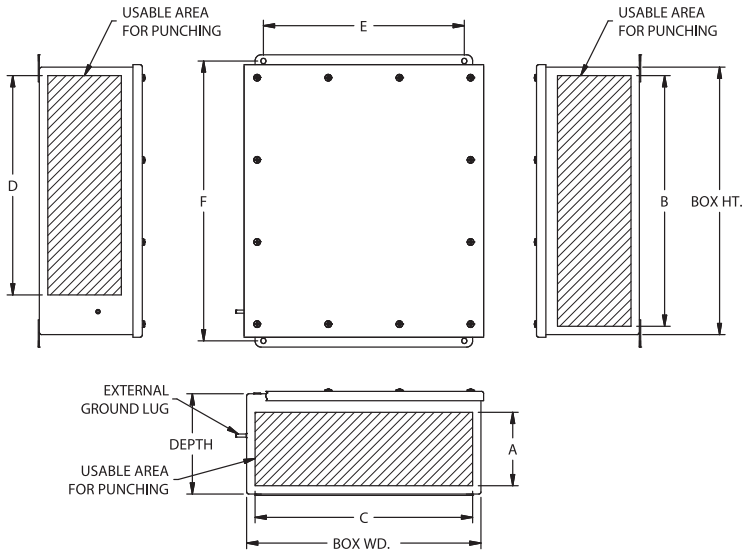
Larger sizes contact the factory
Specify ground /earth blocks size and quantity separately. Must be included in total quantity. See terminal block pages for maximum quantity, sizes and rows of blocks per enclosures.

SJIC TERMINAL BOXES

TECHNE-TERM®

SUFFIX NUMBER	DESCRIPTION
KIT-251	100 amp ground lug
KIT-252	225 amp ground lug
SU3-KDE	Class I Div. 2 Grps A, B, C & D, Type 4X, Ex e IIC Zone 1 IP66 Drain and breather installed.
SU10-KDE	Class I Div. 2 Grps A, B, C & D, Type 4X, Ex e IIC Zone 1 IP66 Drain only installed.
DC	Document Wallet (enclosures 10 x 10 and larger only)
SU9	Special paint finish
SU14	Fungus proofing of enclosures

See enclosure modification page for conduit / gland hole sizes and spacing.



CATALOG NUMBER	HEIGHT IN. (MM)	WIDTH	DEPTH	"E"	"F"	"A" BLANK WALL	"B" BLANK WALL	"C" BLANK WALL	"D" BLANK WALL
SJIC6040404	4 (102)	4 (102)	4 (102)	2.00 (51)	4.75 (121)	2.47(63)	3.13 (79)	3.13 (79)	1.19 (30)
SJIC6060404	6 (152)	4 (102)	4 (102)	2.00 (51)	6.75 (171)	2.47(63)	5.13 (130)	3.13 (79)	3.19 (81)
SJIC6060604	6 (152)	6 (152)	4 (102)	4.00 (102)	6.75 (171)	2.47(63)	5.13 (130)	5.13 (130)	3.19 (81)
SJIC6060606	6 (152)	6 (152)	6 (152)	4.00 (102)	6.75 (171)	4.47 (114)	5.13 (130)	5.13 (130)	3.19 (81)
SJIC6080606*	8 (203)	6 (152)	6 (152)	4.00 (102)	8.75 (222)	4.47 (114)	7.13 (181)	7.13 (181)	5.19 (132)
SJIC6080804	8 (203)	8 (203)	4 (102)	6.00 (152)	8.75 (222)	2.47(63)	7.13 (181)	7.13 (181)	5.19 (132)
SJIC6080806*	8 (203)	8 (203)	6 (152)	6.00 (152)	8.75 (222)	4.47 (114)	7.13 (181)	7.13 (181)	5.19 (132)
SJIC6100804	10 (254)	8 (203)	4 (102)	6.00 (152)	10.75 (273)	2.47(63)	9.13 (232)	7.13 (181)	7.19 (183)
SJIC6100806*	10 (254)	8 (203)	6 (152)	6.00 (152)	10.75 (273)	4.47 (114)	9.13 (232)	7.13 (181)	7.19 (183)
SJIC6101006*	10 (254)	10 (254)	6 (152)	8.00 (203)	10.75 (273)	4.47 (114)	9.13 (232)	9.13 (232)	7.19 (183)
SJIC6121005*	12 (305)	10 (254)	5 (127)	8.00 (203)	12.75 (324)	3.47 (88)	11.13 (283)	9.13 (232)	9.19 (233)
SJIC6121006*	12 (305)	10 (254)	6 (152)	8.00 (203)	12.75 (324)	4.47 (114)	11.13 (283)	9.13 (232)	9.19 (233)
SJIC6121206*	12 (305)	12 (305)	6 (152)	10.00 (254)	12.75 (324)	4.47 (114)	11.13 (283)	11.13 (283)	9.19 (233)
SJIC6141206*	14 (356)	12 (305)	6 (152)	10.00 (254)	14.75 (375)	4.47 (114)	13.13 (334)	11.13 (283)	11.19 (284)
SJIC6161406*	16 (406)	14 (356)	6 (152)	12 (305)	16.75 (425)	4.47 (114)	15.13 (384)	13.13 (334)	13.19 (335)

All dimension in. (mm)
**Enclosure can be supplied with gland plates*

CATALOG NUMBER	(W) MAX. POWER	WEIGHT LBS / (KG)
SJIC6040404	4.1	2.83 (1.3)
SJIC6060404	5.2	3.6 (1.6)
SJIC6060604	6.1	4.9 (2.2)
SJIC6060606	8.4	5.9 (2.7)
SJIC(H)6080606	10.5	7.5 (3.4)
SJIC(H)6080804	8.4	7.9 (3.6)
SJIC(H)6080806	11.4	8.33 (3.8)
SJIC(H)6100804	8.4	9.5 (4.4)
SJIC(H)6100806	12.2	10 (4.5)
SJIC(H)6101006	13	11 (5)
SJIC(H)6121005	8.4	12 (5.4)
SJIC(H)6121006	14	13 (5.9)
SJIC(H)6121206	15	15 (6.8)
SJIC(H)6141206	16	16 (7.3)
SJIC(H)6161406	18	20 (9)

SJIC & SJICH TERMINAL BOXES

Instock Terminal Boxes

- Populated with ABB ZS4, 32 Amps 4mm² 690VAC (12 AWG 600VAC) terminal blocks.
- Supplied with two ZS 4-PE ground / earth blocks per rail.
- Blank enclosures for field modifications for gland or conduit openings.
- Material – 316 stainless steel

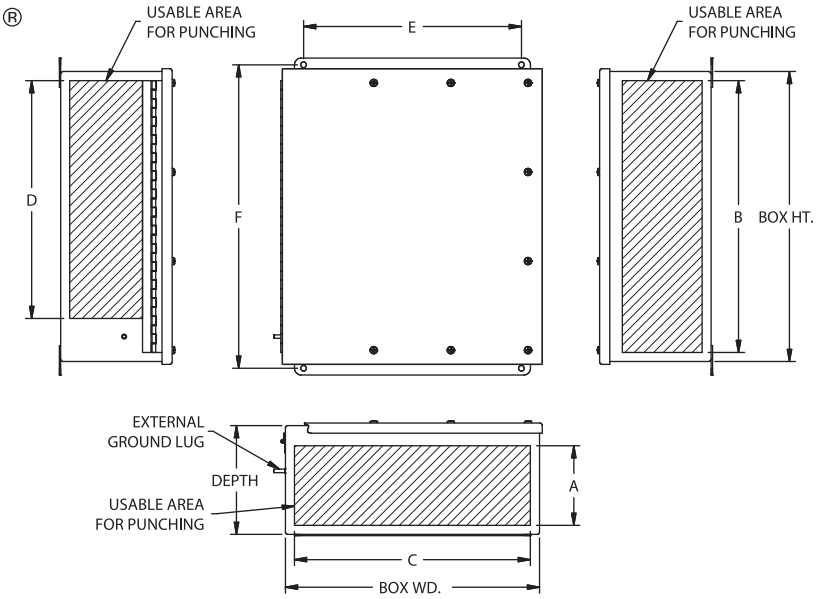
CATALOG NUMBER	TOTAL QTY OF TERMINALS	NO. OF RAILS
SJIC6040404A14	6	1
SJIC6060604A14	16	1
SJIC6100806A14	30	1
SJIC6101006A24	60	2
SJIC6121206A24	80	2

SJICH TERMINAL BOXES

TECHNE-TERM®

SUFFIX NUMBER	DESCRIPTION
KIT-251	100 amp ground lug
KIT-252	225 amp ground lug
SU3-KDE	Class I Div. 2 Grps A, B, C & D, Type 4X. Ex e IIC Zone 1 IP66 Drain and breather installed.
SU10-KDE	Class I Div. 2 Grps A, B, C & D, Type 4X. Ex e IIC Zone 1 IP66 Drain only installed.
DC	Document Wallet (enclosures 10 x 10 and larger only)
SU9	Special paint finish
SU14	Fungus proofing of enclosures

See enclosure modification page for conduit / gland hole sizes and spacing.



CATALOG NUMBER	HEIGHT IN. (MM)	WIDTH	DEPTH	"E"	"F"	"A" BLANK WALL	"B" BLANK WALL	"C" BLANK WALL	"D" BLANK WALL	"E" BLANK WALL
SJICH6080606*	8 (203)	6 (152)	6 (152)	4.00 (102)	8.75 (222)	4.47 (114)	7.13 (181)	7.13 (181)	5.19 (132)	3.81 (97)
SJICH6080804	8 (203)	8 (203)	4 (102)	6.00 (152)	8.75 (222)	2.47(63)	7.13 (181)	7.13 (181)	5.19 (132)	1.81 (46)
SJICH6080806*	8 (203)	8 (203)	6 (152)	6.00 (152)	8.75 (222)	4.47 (114)	7.13 (181)	7.13 (181)	5.19 (132)	3.81 (97)
SJICH6100804	10 (254)	8 (203)	4 (102)	6.00 (152)	10.75 (273)	2.47(63)	9.13 (232)	7.13 (181)	7.19 (183)	1.81 (46)
SJICH6100806*	10 (254)	8 (203)	6 (152)	6.00 (152)	10.75 (273)	4.47 (114)	9.13 (232)	7.13 (181)	7.19 (183)	3.81 (97)
SJICH6101006*	10 (254)	10 (254)	6 (152)	8.00 (203)	10.75 (273)	4.47 (114)	9.13 (232)	9.13 (232)	7.19 (183)	3.81 (97)
SJICH6121005*	12 (305)	10 (254)	5 (127)	8.00 (203)	12.75 (324)	3.47 (88)	11.13 (283)	9.13 (232)	9.19 (233)	2.81 (71)
SJICH6121006*	12 (305)	10 (254)	6 (152)	8.00 (203)	12.75 (324)	4.47 (114)	11.13 (283)	9.13 (232)	9.19 (233)	3.81 (97)
SJICH6121206*	12 (305)	12 (305)	6 (152)	10.00 (254)	12.75 (324)	4.47 (114)	11.13 (283)	11.13 (283)	9.19 (233)	3.81 (97)
SJICH6141206*	14 (356)	12 (305)	6 (152)	10.00 (254)	14.75 (375)	4.47 (114)	13.13 (334)	11.13 (283)	11.19 (284)	3.81 (97)
SJICH6161406*	16 (406)	14 (356)	6 (152)	12 (305)	16.75 (425)	4.47 (114)	15.13 (384)	13.13 (334)	13.19 (335)	3.81 (97)

**Enclosure can be supplied with gland plates*
All dimension in. (mm)

Standard terminal offering

- ABB ZS Screw Clamp
- ABB ZK Cage (Spring) Clamp
- Weidmuller WD Screw Clamp
- Weidmuller ZD Cage (Spring) Clamp

Terminals are mounted on TS-35 DIN rail. The rails are mounted to raised collared studs or unistrut rails which adds additional air flow and wire room.

Additional ABB and Weidmuller terminal blocks available. Contact the factory for more information.

See terminal block page for maximum number of terminals and rows per enclosure

Specify ground / earth blocks size and quantity separately. Must be included in total quantity.

The SJIC(H) terminal boxes are suitable for use with Wago, Phoenix and Klemsan Elektrik terminals

Options

- Panel ID tag 316 stainless steel
- Copper ground / earth bars

SJIC / SJICH MAXIMUM CONDUIT / GLAND OPENINGS					
W/O GLAND PLATE			W/ GLAND PLATE		
BOX DEPTH	MAX NPT	MAX METRIC	BOX DEPTH	MAX NPT	MAX METRIC
4	1"	M32	4	1/2"	M20
5	1-1/2"	M50	5	1-1/4"	M40
6	3"	M80	6	2"	M63

ABB TERMINALS

ABB ZS Series Screw Terminal

ZS 4	32 AMPS 4MM² 690VAC (12 AWG 600VAC		
	1 ROW	2 ROWS	3 ROWS
SJIC604040*	8		
SJIC606040*	18		
SJIC606060*	18		
SJIC(H)608060*	28		
SJIC(H)608080*	28		
SJIC(H)610080*	32		
SJIC(H)610100*	32	64	
SJIC(H)612100*	42	84	
SJIC(H)612120*	42	84	
SJIC(H)614120*	51	102	
SJIC(H)616140*	61	122	183
ZS 6	**41 AMPS 6MM² 690VAC (10 AWG 600VAC)**		
SJIC604040*	7		
SJIC606040*	15		
SJIC606060*	15		
SJIC(H)608060*	23		
SJIC(H)608080*	23		
SJIC(H)610080*	28		
SJIC(H)610100*	28	56	
SJIC(H)612100*	36	72	
SJIC(H)612120*	36	72	
SJIC(H)614120*	45	90	
SJIC(H)616140*	53	106	159
ZS 10	**57 AMPS 10MM² 690VAC (6 AWG 600VAC)**		
SJIC604040*	0		
SJIC606040*	0		
SJIC606060*	11		
SJIC(H)608060*	18		
SJIC(H)608080*	18		
SJIC(H)610080*	21		
SJIC(H)610100*	21		
SJIC(H)612100*	27		
SJIC(H)612120*	27	54	
SJIC(H)614120*	33	66	
SJIC(H)616140*	40	80	
ZS 16	**76 AMPS 16MM² 690VAC (4 AWG 600VAC)**		
SJIC604040*	0		
SJIC606040*	0		
SJIC606060*	0		
SJIC(H)608060*	0		
SJIC(H)608080*	14		
SJIC(H)610080*	16		
SJIC(H)610100*	16		
SJIC(H)612100*	22		
SJIC(H)612120*	22	44	
SJIC(H)614120*	27	54	
SJIC(H)616140*	32	64	
ZS 35	**125 AMPS 35MM² 690VAC (1/0 AWG 600VAC)**		
SJIC604040*	0		
SJIC606040*	0		
SJIC606060*	0		
SJIC(H)608060*	0		
SJIC(H)608080*	0		
SJIC(H)610080*	0		
SJIC(H)610100*	10		
SJIC(H)612100*	13		
SJIC(H)612120*	13		
SJIC(H)614120*	16		
SJIC(H)616140*	20	40	
ZS 4-D1	**29 AMPS 4MM² 440VAC (12 AWG)**		
SJIC604040*	7		
SJIC606040*	17		
SJIC606060*	17		
SJIC(H)608060*	27		
SJIC(H)608080*	27		
SJIC(H)610080*	32		
SJIC(H)610100*	32	64	
SJIC(H)612100*	41	82	
SJIC(H)612120*	41	82	
SJIC(H)614120*	51	102	
SJIC(H)616140*	61	122	183
ZS 4-D2	**40 AMPS 6MM² 440VAC (10 AWG)**		
SJIC604040*	7		
SJIC606040*	17		
SJIC606060*	17		
SJIC(H)608060*	27		
SJIC(H)608080*	27		
SJIC(H)610080*	32		
SJIC(H)610100*	32	64	
SJIC(H)612100*	41	82	
SJIC(H)612120*	41	82	
SJIC(H)614120*	51	102	
SJIC(H)616140*	61	122	183

ZS 6-D1	29 AMPS 4MM² 440VAC (12 AWG)		
SJIC604040*	6		
SJIC606040*	15		
SJIC606060*	15		
SJIC(H)608060*	23		
SJIC(H)608080*	23		
SJIC(H)610080*	27		
SJIC(H)610100*	27	54	
SJIC(H)612100*	36	72	
SJIC(H)612120*	36	72	
SJIC(H)614120*	44	88	
SJIC(H)616140*	53	106	159
ZS 6-D2	**40 AMPS 6MM² 440VAC (10 AWG)**		
SJIC604040*	6		
SJIC606040*	15		
SJIC606060*	15		
SJIC(H)608060*	23		
SJIC(H)608080*	23		
SJIC(H)610080*	27		
SJIC(H)610100*	27	54	
SJIC(H)612100*	36	72	
SJIC(H)612120*	36	72	
SJIC(H)614120*	44	88	
SJIC(H)616140*	53	106	159

ABB ZK Series Cage Clamp Terminals

ZK 2.5	21 AMPS 2.5MM2 690VAC (14 AWG 600VAC)		
	1 ROW	2 ROWS	3 ROWS
SJIC604040*	10		
SJIC606040*	19		
SJIC606060*	19		
SJIC(H)608060*	29		
SJIC(H)608080*	29		
SJIC(H)610080*	34		
SJIC(H)610100*	34	68	
SJIC(H)612100*	43	86	
SJIC(H)612120*	43	86	129
SJIC(H)614120*	53	106	159
SJIC(H)616140*	63	126	189
ZK 4	**29 AMPS 4MM² 690VAC (12 AWG 600VAC)**		
SJIC604040*	8		
SJIC606040*	16		
SJIC606060*	16		
SJIC(H)608060*	25		
SJIC(H)608080*	25		
SJIC(H)610080*	29		
SJIC(H)610100*	29	58	
SJIC(H)612100*	38	76	
SJIC(H)612120*	38	76	114
SJIC(H)614120*	46	92	138
SJIC(H)616140*	55	110	165
ZK 6	**37 AMPS 6MM² 690VAC (10 AWG 600VAC)**		
SJIC604040*	6		
SJIC606040*	12		
SJIC606060*	12		
SJIC(H)608060*	19		
SJIC(H)608080*	19		
SJIC(H)610080*	22		
SJIC(H)610100*	22	44	
SJIC(H)612100*	28	56	
SJIC(H)612120*	28	56	
SJIC(H)614120*	35	70	
SJIC(H)616140*	41	82	
ZK 10	**51 AMPS 10MM² 690VAC (6 AWG 600VAC)**		
SJIC604040*			
SJIC606040*			
SJIC606060*	10		
SJIC(H)608060*	15		
SJIC(H)608080*	15		
SJIC(H)610080*	17		
SJIC(H)610100*	17		
SJIC(H)612100*	22		
SJIC(H)612120*	22	44	
SJIC(H)614120*	27	54	
SJIC(H)616140*	32	64	
ZK 16	**69 AMPS 16MM² 690VAC (4 AWG 600VAC)**		
SJIC604040*			
SJIC606040*			
SJIC606060*			
SJIC(H)608060*			
SJIC(H)608080*	12		
SJIC(H)610080*	14		
SJIC(H)610100*	14		
SJIC(H)612100*	19		
SJIC(H)612120*	19		
SJIC(H)614120*	23		
SJIC(H)616140*	27	54	

ZK 2.5-3P	21 AMPS 2.5MM² 690VAC (14 AWG 600VAC)		
SJIC604040*	10		
SJIC606040*	19		
SJIC606060*	19		
SJIC(H)608060*	29		
SJIC(H)608080*	29		
SJIC(H)610080*	34		
SJIC(H)610100*	34	68	
SJIC(H)612100*	43	86	
SJIC(H)612120*	43	86	
SJIC(H)614120*	53	106	
SJIC(H)616140*	63	126	189
ZK 4-3P	**29 AMPS 4MM² 690VAC (12 AWG 600VAC)**		
SJIC604040*			
SJIC606040*			
SJIC606060*	16		
SJIC(H)608060*	25		
SJIC(H)608080*	25		
SJIC(H)610080*	29		
SJIC(H)610100*	29	58	
SJIC(H)612100*	38	76	
SJIC(H)612120*	38	76	
SJIC(H)614120*	46	92	
SJIC(H)616140*	55	110	165
ZK 6-3P	**37 AMPS 4MM² 690VAC (10 AWG 600VAC)**		
SJIC604040*			
SJIC606040*			
SJIC606060*			
SJIC(H)608060*			
SJIC(H)608080*	19		
SJIC(H)610080*	22		
SJIC(H)610100*	22		
SJIC(H)612100*	28		
SJIC(H)612120*	28	56	
SJIC(H)614120*	35	70	
SJIC(H)616140*	41	82	

ABB ZK Series Cage Clamp Terminals

ZK 2.5-4P	21 AMPS 2.5MM² 690VAC (14 AWG 600VAC)		
	1 ROW	2 ROWS	3 ROWS
SJIC604040*			
SJIC606040*			
SJIC606060*	19		
SJIC(H)608060*	29		
SJIC(H)608080*	29		
SJIC(H)610080*	34		
SJIC(H)610100*	34		
SJIC(H)612100*	43	86	
SJIC(H)612120*	43	86	
SJIC(H)614120*	53	106	
SJIC(H)616140*	63	126	
ZK 4-4P	**29 AMPS 4MM² 690VAC (12 AWG 600VAC)**		
SJIC604040*			
SJIC606040*	16		
SJIC606060*	25		
SJIC(H)608060*	25		
SJIC(H)608080*	29		
SJIC(H)610080*	29		
SJIC(H)610100*	29		
SJIC(H)612100*	38		
SJIC(H)612120*	38	76	
SJIC(H)614120*	46	92	
SJIC(H)616140*	55	110	

WEIDMULLER TERMINALS

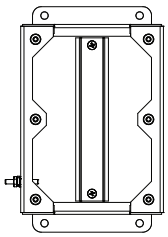
Weidmuller WD Series Screw Terminals

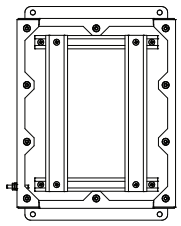
WDU 2.5	15 AMPS 2.5MM² 550VAC (14 AWG)		
	1 ROW	2 ROWS	3 ROWS
SJIC604040*	9		
SJIC606040*	19		
SJIC606060*	19		
SJIC(H)608060*	29		
SJIC(H)608080*	29		
SJIC(H)610080*	34		
SJIC(H)610100*	34	68	
SJIC(H)612100*	44	88	
SJIC(H)612120*	44	88	
SJIC(H)614120*	54	108	
SJIC(H)616140*	64	128	192
WDU 4	**28 AMPS 4MM² 690VAC (12 AWG 600VAC)**		
SJIC604040*	8		
SJIC606040*	16		
SJIC606060*	16		
SJIC(H)608060*	24		
SJIC(H)608080*	24		
SJIC(H)610080*	28		
SJIC(H)610100*	28	56	
SJIC(H)612100*	37	74	
SJIC(H)612120*	37	74	
SJIC(H)614120*	45	90	
SJIC(H)616140*	53	106	159
WDU 6	**36 AMPS 6MM² 550VAC (10 AWG)**		
SJIC604040*	6		
SJIC606040*	12		
SJIC606060*	12		
SJIC(H)608060*	18		
SJIC(H)608080*	18		
SJIC(H)610080*	22		
SJIC(H)610100*	22	44	
SJIC(H)612100*	28	56	
SJIC(H)612120*	28	56	
SJIC(H)614120*	35	70	
SJIC(H)616140*	41	82	123
WDU 10	**50 AMPS 10MM² 550VAC (8 AWG)**		
SJIC604040*	0		
SJIC606040*	0		
SJIC606060*	9		
SJIC(H)608060*	14		
SJIC(H)608080*	14		
SJIC(H)610080*	17		
SJIC(H)610100*	17		
SJIC(H)612100*	22		
SJIC(H)612120*	22	44	
SJIC(H)614120*	27	54	
SJIC(H)616140*	32	64	
WDU 16	**66 AMPS 16MM² 690VAC (6 AWG 600VAC)**		
SJIC604040*	0		
SJIC606040*	0		
SJIC606060*	7		
SJIC(H)608060*	11		
SJIC(H)608080*	11		
SJIC(H)610080*	13		
SJIC(H)610100*	13		
SJIC(H)612100*	17		
SJIC(H)612120*	17	34	
SJIC(H)614120*	21	42	
SJIC(H)616140*	25	50	
WDU 35	**109 AMPS 35MM² 690VAC (2 AWG 600VAC)**		
SJIC604040*	0		
SJIC606040*	0		
SJIC606060*	0		
SJIC(H)608060*	0		
SJIC(H)608080*	8		
SJIC(H)610080*	10		
SJIC(H)610100*	10		
SJIC(H)612100*	13		
SJIC(H)612120*	13		
SJIC(H)614120*	16		
SJIC(H)616140*	19	38	

WDU 2.5N	15 AMPS 2.5MM² 440VAC (14 AWG)			
	1 ROW	2 ROWS	3 ROWS	4 ROWS
SJIC604040*	9			
SJIC606040*	19			
SJIC606060*	19			
SJIC(H)608060*	29			
SJIC(H)608080*	29			
SJIC(H)610080*	34			
SJIC(H)610100*	34	68		
SJIC(H)612100*	44	88		
SJIC(H)612120*	44	88	132	
SJIC(H)614120*	54	108	162	
SJIC(H)616140*	64	128	192	256
WDU 4N	**27 AMPS 4MM² 440VAC (12 AWG)**			
SJIC604040*	8			
SJIC606040*	16			
SJIC606060*	16			
SJIC(H)608060*	24			
SJIC(H)608080*	24			
SJIC(H)610080*	28			
SJIC(H)610100*	28	56		
SJIC(H)612100*	37	74		
SJIC(H)612120*	37	74	111	
SJIC(H)614120*	45	90	135	
SJIC(H)616140*	53	106	159	212
WDK 2.5N	**21 AMPS 2.5MM² 550VAC (14 AWG) DOUBLE POLE FEED THROUGH**			
SJIC604040*	7			
SJIC606040*	17			
SJIC606060*	17			
SJIC(H)608060*	27			
SJIC(H)608080*	27			
SJIC(H)610080*	32			
SJIC(H)610100*	32	64		
SJIC(H)612100*	42	84		
SJIC(H)612120*	42	84		
SJIC(H)614120*	52	104		
SJIC(H)616140*	62	124	186	
WDK 4N	**28 AMPS 4MM² 550VAC (12 AWG) DOUBLE POLE FEED THROUGH**			
SJIC604040*	6			
SJIC606040*	14			
SJIC606060*	14			
SJIC(H)608060*	22			
SJIC(H)608080*	22			
SJIC(H)610080*	26			
SJIC(H)610100*	26	52		
SJIC(H)612100*	35	70		
SJIC(H)612120*	35	70		
SJIC(H)614120*	43	86		
SJIC(H)616140*	51	102	153	
WDK 2.5N V	**21 AMPS 2.5MM² 550VAC (14 AWG) FOUR POLES FEED THROUGH**			
SJIC604040*	7			
SJIC606040*	17			
SJIC606060*	17			
SJIC(H)608060*	27			
SJIC(H)608080*	27			
SJIC(H)610080*	32			
SJIC(H)610100*	32	64		
SJIC(H)612100*	42	84		
SJIC(H)612120*	42	84		
SJIC(H)614120*	52	104		
SJIC(H)616140*	62	124	186	
WDK 4N V	**28 AMPS 4MM² 550VAC (12 AWG) FOUR POLES FEED THROUGH**			
SJIC604040*	6			
SJIC606040*	14			
SJIC606060*	14			
SJIC(H)608060*	22			
SJIC(H)608080*	22			
SJIC(H)610080*	26			
SJIC(H)610100*	26	52		
SJIC(H)612100*	35	70		
SJIC(H)612120*	35	70		
SJIC(H)614120*	43	86		
SJIC(H)616140*	51	102	153	

Weidmuller ZD Series Cage Clamp Terminals

ZDU 2.5	21 AMPS 2.5MM² 550VAC (14 AWG)		
	1 ROW	2 ROWS	3 ROWS
SJIC604040*	9		
SJIC606040*	19		
SJIC606060*	19		
SJIC(H)608060*	29		
SJIC(H)608080*	29		
SJIC(H)610080*	34		
SJIC(H)610100*	34	68	
SJIC(H)612100*	44	88	
SJIC(H)612120*	44	88	
SJIC(H)614120*	54	108	
SJIC(H)616140*	64	128	201
ZDU 4	**28 AMPS 4MM² 550VAC (12 AWG)**		
SJIC604040*	8		
SJIC606040*	16		
SJIC606060*	16		
SJIC(H)608060*	24		
SJIC(H)608080*	24		
SJIC(H)610080*	28		
SJIC(H)610100*	28	56	
SJIC(H)612100*	37	74	
SJIC(H)612120*	37	74	
SJIC(H)614120*	45	90	
SJIC(H)616140*	53	106	201
ZDU 6	**36 AMPS 6MM² 550VAC (10 AWG)**		
SJIC604040*	6		
SJIC606040*	12		
SJIC606060*	12		
SJIC(H)608060*	18		
SJIC(H)608080*	18		
SJIC(H)610080*	21		
SJIC(H)610100*	21	42	
SJIC(H)612100*	27	54	
SJIC(H)612120*	27	54	
SJIC(H)614120*	34	68	
SJIC(H)616140*	40	80	201
ZDU 10	**50 AMPS 10MM² 550VAC (8 AWG)**		
SJIC604040*			
SJIC606040*			
SJIC606060*	9		
SJIC(H)608060*	14		
SJIC(H)608080*	14		
SJIC(H)610080*	17		
SJIC(H)610100*	17		
SJIC(H)612100*	22		
SJIC(H)612120*	22	44	
SJIC(H)614120*	27	54	
SJIC(H)616140*	32	64	
ZDU 16	**66 AMPS 16MM² 690VAC (6 AWG 600VAC)**		
SJIC604040*			
SJIC606040*			
SJIC606060*			
SJIC(H)608060*			
SJIC(H)608080*	12		
SJIC(H)610080*	14		
SJIC(H)610100*	14		
SJIC(H)612100*	18		
SJIC(H)612120*	18	36	
SJIC(H)614120*	22	44	
SJIC(H)616140*	26	52	
ZDU 35	**109 AMPS 35MM² 690VAC (2 AWG 600VAC)**		
SJIC604040*			
SJIC606040*			
SJIC606060*			
SJIC(H)608060*			
SJIC(H)608080*			
SJIC(H)610080*			
SJIC(H)610100*	11		
SJIC(H)612100*	14		
SJIC(H)612120*	14		
SJIC(H)614120*	17		
SJIC(H)616140*	20		





IEC EX E RATINGS

ABB TERM BLOCK	TERMINAL RESISTIVE OHMS	MAX AMPS	MAX VAC	MAX WIRE SIZE - METRIC MM²	MAX WIRE - METRIC RESISTIVE OHMS/M	MAX WIRE - USA AWG	MAX WIRE - USA RESISTIVE OHMS/M	WIRE STRIP LENGTH IN. (MM)	TORQUE VALUES NM	TORQUE VALUES LB.IN	AMBIENT TEMPERATURE
ZS4	0.00098	32	690	4	0.00461	12	0.005210	0.413 (10.5)	0.6	5.3	-55°C to +105°C
ZS6	0.00077	41	690	6	0.00308	10	0.003277	0.413 (10.5)	0.85	7.5	
ZS10	0.0018	57	690	10	0.00183	6	0.001296	0.472 (12.0)	1.3	11.5	
ZS16	0.0024	76	690	16	0.00115	4	0.000813	0.531 (13.5)	1.8	15.9	
ZS35	0.004	125	690	35	0.000524	1/0	0.000323	0.669 (17.0)	2.9	25.7	
ZS4-D1	0.00226	29	440	4	0.00461	12	0.005210	0.394 (10.0)	0.6	5.3	
ZS6-D1	0.00226	40	440	6	0.00308	10	0.003277	0.394 (10.0)	0.85	7.5	
ZS4-D2	0.0026	29	440	4	0.00461	12	0.005210	0.394 (10.0)	0.6	5.3	
ZS6-D2	0.0026	40	440	6	0.00308	10	0.003277	0.394 (10.0)	0.85	7.5	
ZK2.5	0.0008	21	630	2.5	0.00741	12	0.005210	0.433 (11.0)	N/A	N/A	
ZK4	0.001	29	630	4	0.00461	10	0.003277	0.492 (12.5)			
ZK6	0.0013	37	630	6	0.00308	8	0.002061	0.492 (12.5)			
ZK10	0.0018	51	630	10	0.00115	6	0.001296	0.591 (15.0)			
ZK16	0.0024	69	630	16	0.000524	4	0.000813	0.591 (15.0)			
ZK2.5-3P	0.0008	21	630	2.5	0.00741	12	0.005210	0.433 (11.0)			
ZK4-3P	0.001	29	630	4	0.00461	10	0.003277	0.492 (12.5)			
ZK6-3P	0.0013	37	630	6	0.00308	8	0.002061	0.492 (12.5)			
ZK2.5-4P	0.0008	21	630	2.5	0.00741	12	0.005210	0.433 (11.0)			
ZK4-4P	0.001	29	630	4	0.00461	10	0.003277	0.492 (12.5)			

WEIDMULLER TERM BLOCK	TERMINAL RESISTIVE OHMS	MAX AMPS	MAX VAC	MAX WIRE SIZE - METRIC MM²	MAX WIRE - METRIC RESISTIVE OHMS/M	MAX WIRE - USA AWG	MAX WIRE - USA RESISTIVE OHMS/M	WIRE STRIP LENGTH IN. (MM)	TORQUE VALUES NM	TORQUE VALUES LB.IN	AMBIENT TEMPERATURE
WDU 2.5	0.00033	15	550	2.5	0.00741	14	0.008284	0.394 (10.0)	0.4 - 0.8	0.3 - 0.6	-50°C to +100°C
WDU 4	0.00031	28	690	4	0.00461	12	0.005210	0.394 (10.0)	0.5 - 1.0	0.4 - 0.7	
WDU 6	0.00028	36	550	6	0.00308	10	0.003277	0.472 (12.0)	0.8 - 1.6	0.6 - 1.2	
WDU 10	0.0002	50	550	10	0.00183	8	0.002061	0.472 (12.0)	1.2 - 2.4	0.9 - 1.8	
WDU 16	0.00015	66	690	16	0.00115	6	0.001296	0.630 (16.0)	2.0 - 4.0	1.5 - 3.0	
WDU 35	0.0001	109	690	35	0.000524	2	0.000513	0.708 (18.0)	4.0 - 5.0	3.0 - 3.7	
WDU 2.5N	0.00036	15	440	2.5	0.00741	14	0.008284	0.394 (10.0)	0.4 - 0.6	0.3 -0.4	
WDU 4N	0.00033	27	440	4	0.00461	12	0.005210	0.433 (11.0)	0.5 - 1.0	0.4 - 0.7	
WDK 2.5N	0.00053	21	550	2.5	0.00741	14	0.008284	0.315 (8.0)	0.4 - 0.6	0.3 - 0.4	
WDK 4N	0.00033	28	550	4	0.00461	12	0.005210	0.315 (8.0)	0.5 - 1.0	0.4 - 0.7	
WDK 2.5NV	0.00076	21	550	2.5	0.00741	14	0.008284	0.315 (8.0)	0.4 - 0.6	0.3 - 0.4	
WDK 4NV	0.00045	28	550	4	0.00461	12	0.005210	0.315 (8.0)	0.5 - 1.0	0.4 - 0.7	
ZDU 2.5	0.00033	21	550	2.5	0.00741	14	0.008284	0.394 (10.0)	N/A	N/A	
ZDU 4	0.00031	28	550	4	0.00461	12	0.005210	0.472 (12.0)			
ZDU 6	0.00028	36	550	6	0.00308	10	0.003277	0.512 (13.0)			
ZDU 10	0.0002	50	550	10	0.00183	8	0.002061	0.708 (18.0)			
ZDU 16	0.00015	66	550	16	0.00115	6	0.001296	0.708 (18.0)			
ZDU 35	0.0001	109	550	35	0.000524	2	0.000513	0.980 (25.0)			

PHOENIX TERM BLOCK	TERMINAL RESISTIVE OHMS	MAX AMPS	MAX VAC	MAX WIRE SIZE - METRIC MM²	MAX WIRE - METRIC RESISTIVE OHMS/M	MAX WIRE - USA AWG	MAX WIRE - USA RESISTIVE OHMS/M	WIRE STRIP LENGTH IN. (MM)	TORQUE VALUES NM	TORQUE VALUES LB.FT	AMBIENT TEMPERATURE
UT 2.5	0.00041	22	690	2.5	0.00741	12	0.005210	0.35 (9.00)	0.5 - 0.6	0.4	-60°C to +110°C
UT 4	0.00026	30	690	4	0.00461	10	0.003277	0.35 (9.00)	0.6- 0.8	0.4 - 0.6	
UT 6	0.0002	40	690	6	0.00308	8	0.002061	0.39 (10.00)	1.5 - 1.8	1.1 - 1.3	
UT 10	0.00014	54	690	10	0.00183	6	0.001296	0.39 (10.00)	1.5 - 1.8	1.1 - 1.3	
UT 16	0.00016	73.5	690	16	0.00115	4	0.000813	0.55 (14.00)	2.5 - 3	1.8 - 2.2	
UT 35	0.00006	126	690	35	0.000524	1/0	0.000323	0.708 (18.00)	3.2 - 3.7	2.4 - 2.7	
UK 2.5N	0.00041	24	550	2.5	0.00741	14	0.008284	0.28 (7.00)	0.6- 0.8	0.4 - 0.6	
UK 3N	0.0005	29	690	2.5	0.00461	12	0.005210	0.315 (8.0)	0.6- 0.8	0.4 - 0.6	
UK 5N	0.00037	32	690	4	0.00308	10	0.003277	0.315 (8.0)	0.6- 0.8	0.4 - 0.6	
UK 6N	0.00016	41	690	6	0.00183	8	0.002061	0.39 (10.00)	1.5 - 1.8	1.1 - 1.3	
UK 10N	0.00012	57	690	10	0.00115	6	0.001296	0.39 (10.00)	1.5 - 1.8	1.1 - 1.3	
UK 16N	0.00017	74	690	16	0.000524	4	0.000813	0.433 (11.0)	1.5 - 1.8	1.1 - 1.3	
ST 2.5	0.00141	21	550	2.5	0.00741	12	0.005210	0.39 (10.00)	N/A	N/A	
ST 4	0.00063	30	550	4	0.00461	10	0.003277	0.39 (10.00)			
ST 6	0.00056	36.5	550	6	0.00308	8	0.002061	0.472 (12.0)			
ST 10	0.0004	50	550	10	0.00183	6	0.001296	0.708 (18.00)			
ST 16	0.00034	65	550	16	0.00115	4	0.000813	0.708 (18.00)			
ST 35	0.00021	108	690	35	0.000524	2	0.000513	0.980 (25.0)			

USF / SJIC / SJICH ENCLOSURES

TECHNO-TERM®

TABLE 1: Minimum distance from edge of box to the center of the conduit / cable entry.

NPT (METRIC)	4”	3-1/2”	3” (M75)	2-1/2” (M63)	2” (M50)	1-1/2” (M40)	1-1/4” (M32)	1” (M25)	3/4” (M20)	1/2” (M16)
IN. (MM)	2-3/4 (70)	2-1/2 (64)	2 (51)	2 (51)	1-5/8 (41)	1-3/8 (35)	1-1/4 (32)	1 (25)	7/8 (22)	3/4 (19)

TABLE 2 Minimum distance from edge of gland plate to the center of the conduit / cable entry.

NPT (METRIC)	4” (M100)	3-1/2” (M80)	3” (M75)	2-1/2” (M63)	2” (M50)	1-1/2” (M40)	1-1/4” (M32)	1” (M25)	3/4” (M20)	1/2” (M16)
IN. (MM)	3-1/4 (83)	3 (76)	2-3/4 (70)	2-1/2 (64)	2-1/8 (54)	1-7/8 (48)	1-3/4 (44)	1-1/2 (38)	1-3/8 (35)	1-1/4 (32)

TABLE 3: NEC / CEC minimum wire bending space from inside wall of the enclosure, North America applications only.

SIZE AWG (MM2)	16 (1.5)	14 (2.5)	12 (4)	10 (6)	8 (10)	6 (16)	4 (25)	2 (35)	1/0 (50)	2/0 (70)	3/0 (95)	4/0 (120)
IN. (MM)	1.5 (38)	1.5 (38)	1.5 (38)	1.5 (38)	1.5 (38)	2 (51)	3 (76)	3.5 (89)	5.5 (140)	6 (152)	6.5 (164)	7 (178)

TABLE 4: Punched hole diameters. For additional sizes not shown please contact the factory.

NPT	4”	3-1/2”	3”	2-1/2”	2”	1-1/2	1-1/4”	1”	3/4”	1/2”
MAX. HOLE DIA. IN. (MM)	4.53 (115.06)	4.03 (102.36)	3.53 (89.66)	2.905 (73.79)	2.405 (61.08)	1.93 (49.2)	1.69 (42.93)	1.345 (34.16)	1.08 (27.4)	.87 (22.09)
METRIC	M100	M80	M75	M63	M50	M40	M32	M25	M20	M16
MAX. HOLE DIA. MM (IN.)	100.7 (3.94)	80.7 (3.15)	75.7 (2.95)	63.7 (2.48)	50.7 (1.97)	40.7 (1.58)	32.7 (1.26)	25.7 (0.98)	20.7 (0.79)	16.7 (0.63)

TABLE 5: Minimum distance of the center line to center line of the conduit / cable entries.

(NPT) [METRIC]	4 [M100]	3 1/2 [M80]	3 [M75]	2 1/2 [M63]	2 [M50]	1 1/2 [M40]	1 1/4 [M32]	1 [M25]	3/4 [M20]	1/2 [M16]
1/2 [M16]	3 5/8 [92mm]	3 3/8 [86mm]	3 1/8 [80mm]	2 3/4 [70mm]	2 1/2 [64mm]	2 1/4 [58mm]	2 1/8 [54mm]	1 7/8 [48mm]	1 3/4 [45mm]	1 5/8 [41mm]
3/4 [M20]	3 3/4 [96mm]	3 1/2 [89mm]	3 1/4 [83mm]	2 7/8 [74mm]	2 5/8 [68mm]	2 3/8 [60mm]	2 1/4 [58mm]	2 [51mm]	1 7/8 [48mm]	
1 [M25]	3 7/8 [99mm]	3 5/8 [92mm]	3 3/8 [86mm]	3 [77mm]	2 3/4 [70mm]	2 1/2 [64mm]	2 3/8 [60mm]	2 1/8 [54mm]		
1 1/4 [M32]	4 1/8 [105mm]	3 7/8 [99mm]	3 1/2 [89mm]	3 1/4 [83mm]	3 [77mm]	2 3/4 [70mm]	2 1/2 [64mm]			
1 1/2 [M40]	4 1/4 [108mm]	4 [102mm]	3 3/4 [96mm]	3 3/8 [86mm]	3 1/8 [80mm]	2 7/8 [73mm]				
2 [M50]	4 3/4 [121mm]	4 1/2 [115mm]	4 [102mm]	3 5/8 [92mm]	3 3/8 [86mm]					
2 1/2 [M63]	4 7/8 [124mm]	4 5/8 [118mm]	4 1/4 [108mm]	3 7/8 [99mm]						
3 [M75]	5 1/4 [134mm]	5 [127mm]	4 5/8 [118mm]							
3 1/2 [M80]	5 3/4 [147mm]	5 1/2 [140mm]								
4 [M100]	6 1/4 [159mm]									

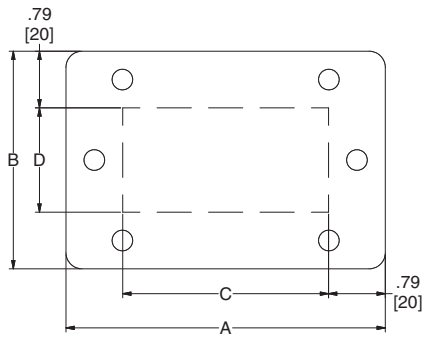
All dimension in. (mm)

USF / SJIC(H) TERMINAL BOXES AND ENCLOSURES

Replacement Gland Plates

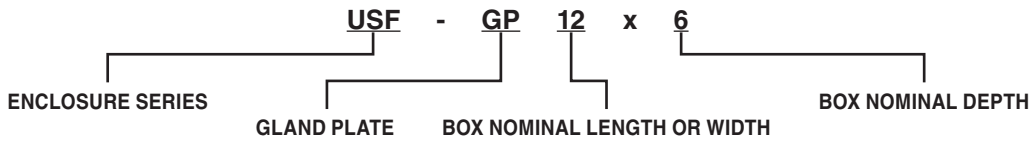
Gland plate kit comes with the following:

- Gland plate in 316 stainless steel
- Mounting screws and retaining washers
- One-piece, closed cell silicone gasket



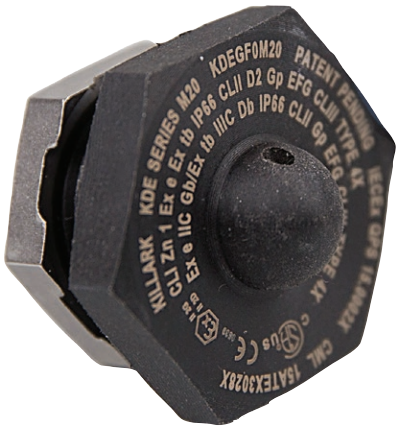
REPLACEMENT GLAND PLATES				
CATALOG NUMBER: 316 STAINLESS STEEL	"A" OVER ALL LENGTH	"B" OVER ALL WIDTH	"C" AREA FOR OPENINGS	"D" AREA FOR OPENINGS
USF-GP12X6	10.97 [279]	5.74 [146]	9.40 [239]	4.16 [106]
USF-GP12X8	10.97 [279]	7.74 [197]	9.40 [239]	6.16 [156]
USF-GP12X10	10.97 [279]	9.74 [247]	9.40 [239]	8.16 [207]
USF-GP16X6	14.97 [380]	5.74 [146]	13.40 [340]	4.16 [106]
USF-GP16X8	14.97 [380]	7.74 [197]	13.40 [340]	6.16 [156]
USF-GP16X10	14.97 [380]	9.74 [247]	13.40 [340]	8.16 [207]
USF-GP20X6	18.97 [482]	5.74 [146]	17.40 [442]	4.16 [106]
USF-GP20X8	18.97 [482]	7.74 [197]	17.40 [442]	6.16 [156]
USF-GP20X10	18.97 [482]	9.74 [247]	17.40 [442]	8.16 [207]
USF-GP20X12	18.97 [482]	11.74 [298]	17.40 [442]	10.16 [258]
USF-GP24X6	22.97 [583]	5.74 [146]	21.40 [544]	4.16 [106]
USF-GP24X8	22.97 [583]	7.74 [197]	21.40 [544]	6.16 [156]
USF-GP24X10	22.97 [583]	9.74 [247]	21.40 [544]	8.16 [207]
USF-GP24X12	22.97 [583]	11.74 [298]	21.40 [544]	10.16 [258]
USF-GP24X16	22.97 [583]	15.74 [400]	21.40 [544]	14.16 [360]
USF-GP24X20	22.97 [583]	19.74 [501]	21.40 [544]	18.16 [461]
USF-GP30X8	27.59 [701]	7.74 [197]	26.02 [661]	6.16 [156]
USF-GP30X10	27.59 [701]	9.74 [247]	26.02 [661]	8.16 [207]
USF-GP30X12	27.59 [701]	11.74 [298]	26.02 [661]	10.16 [258]
USF-GP30X16	27.59 [701]	15.74 [400]	26.02 [661]	14.16 [360]
USF-GP30X20	27.59 [701]	19.74 [501]	33.02 [839]	18.16 [461]
USF-GP36X8	34.59 [879]	7.74 [197]	33.02 [839]	6.16 [156]
USF-GP36X10	34.59 [879]	9.74 [247]	33.02 [839]	8.16 [207]
USF-GP36X12	34.59 [879]	11.74 [298]	33.02 [839]	10.16 [258]
SJIC6-GP0404	3.74 [95]	3.28 [83]	2.16 [55]	1.71 [43]
SJIC6-GP0604	5.74 [146]	3.28 [83]	4.16 [106]	1.71 [43]
SJIC6-GP0804	7.74 [197]	3.28 [83]	6.16 [156]	1.71 [43]
SJIC6-GP1004	9.74 [247]	3.28 [83]	8.16 [207]	1.71 [43]
SJIC6-GP1005	9.74 [247]	4.28 [109]	8.16 [207]	2.71 [69]
SJIC6-GP0606	5.74 [146]	5.28 [134]	4.16 [106]	3.71 [94]
SJIC6-GP0806	7.74 [197]	5.28 [134]	6.16 [156]	3.71 [94]
SJIC6-GP1006	9.74 [247]	5.28 [134]	8.16 [207]	3.71 [94]
SJIC6-GP1206	11.74 [298]	5.28 [134]	10.16 [258]	3.71 [94]
SJIC6-GP1406	13.74 [349]	5.28 [134]	12.16 [309]	3.71 [94]

CATALOG LOGIC



Note: *Gland plates not supplied with ground stud / earth connection. If one is required, contact the factory for price and special part number.*

KDE DRAIN / BREATHER



KDE
Drain / Breather

NEC / CEC Certifications
Class I, Div. 2, Groups A, B, C, & D
Class I, Zone 1 AEx e IIC Gb
Class II, Div. 1, Groups E, F, & G
(Canada Only)
Class II, Div. 2, Groups E, F, & G
Class III
Ex e IIC Gb / Ex tb IIIC Db
Zone 21 AEx tb, IIIC Db
Type 3, 4, 4X IP66
Ta = -55°C to +80°C
Certificate LR11716 - 2714851

ATEX / IEC Ex Certifications
II 2 G D CE 2813
Ex e IIC Gb
Ex tb IIIC Db IP66
Service Temperature -55°C to +80°C
CML 15ATEX3028X
IECEx QPS 15.0002X
IEx 15.0154X

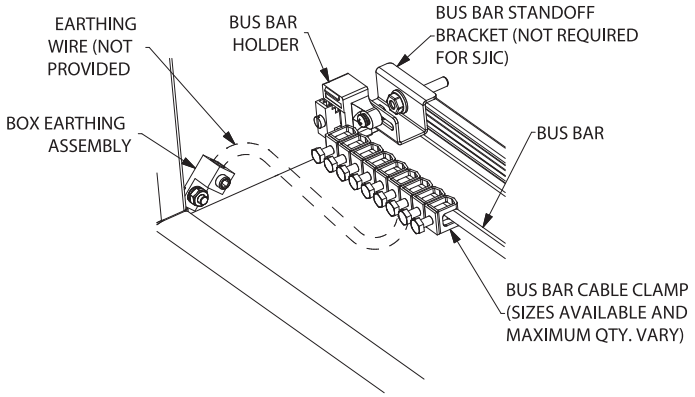
Available In

- KDEAL0050 – Alum ½" NPT
- KDEAL0M20 – Alum M20
- KDES60050 – 316SS ½" NPT
- KDES60M20 – 316SS M20
- KDEGF0050 – Plastic ½" NPT
- KDEGF0M20 – Plastic M20

BUS BAR / GROUND BUS OPTION

Description:

- **BUS BAR –** Tin plated copper, 10mm wide x 3 mm thick, rated for 140 amperes
- **BUS CLAMPS –** ZB 4 wire range 0.5 - 6mm² (#20 to #10 AWG) ZB 10 wire range 1.5 - 10mm² (#16 to #8 AGW)
- **KIT CONTAINS –** mounting hardware, mounting brackets, bus bar and bus clamps

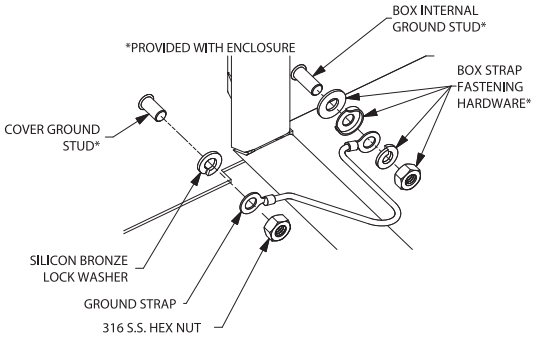


CATALOG NUMBER	CLAMP SIZE	QTY	BOX SERIES / WIDTH
SJIC-GB10N4-26	ZB 4	26	SJIC 10"
SJIC-GB10N10-17	ZB 10	17	
SJIC-GB12N4-36	ZB 4	36	SJIC 12"
SJIC-GB12N10-23	ZB 10	23	
SJIC-GB14N4-45	ZB 4	45	SJIC 14"
SJIC-GB14N10-30	ZB 10	30	
USF-GB12N4-35	ZB 4	35	USF 12"
USF-GB12N10-22	ZB 10	22	
USF-GB16N4-54	ZB 4	54	USF 16"
USF-GB16N10-35	ZB 10	35	
USF-GB18N4-63	ZB 4	63	USF 18"
USF-GB18N10-41	ZB 10	41	
USF-GB20N4-73	ZB 4	73	USF 20"
USF-GB20N10-48	ZB 10	48	
USF-GB24N4-92	ZB 4	92	USF 24"
USF-GB24N10-61	ZB 10	61	
USF-GB30N4-114	ZB 4	114	USF 30"
USF-GB30N10-75	ZB 10	75	

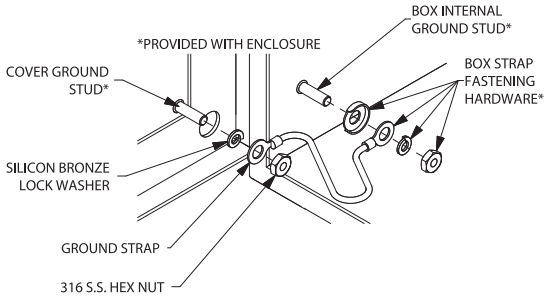
ACCESSORIES

CATALOG NUMBER	DESCRIPTION
USF-DC	Document Door Wallet
USF-CVGRD	Cover Ground (earth) Kit
USF-BOXGRD	Box Ground (earth) Kit
USF-MTGFEET	Mounting Feet, Pack of 4
SJIC-CVGRD	Cover Ground (earth) Kit
SJIC-INTGRD	Box Ground (earth) Kit
SJIC-EXTGRD	External Ground (earth) Kit

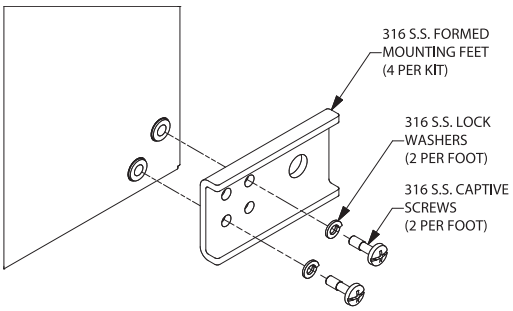
USF-DC



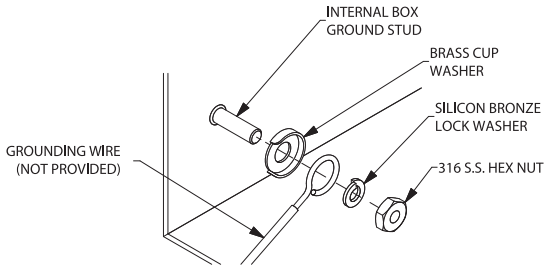
USF-CVGRD



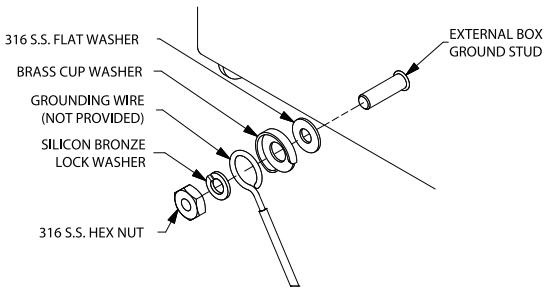
SJIC-CVGRD



USF-MTGFEET



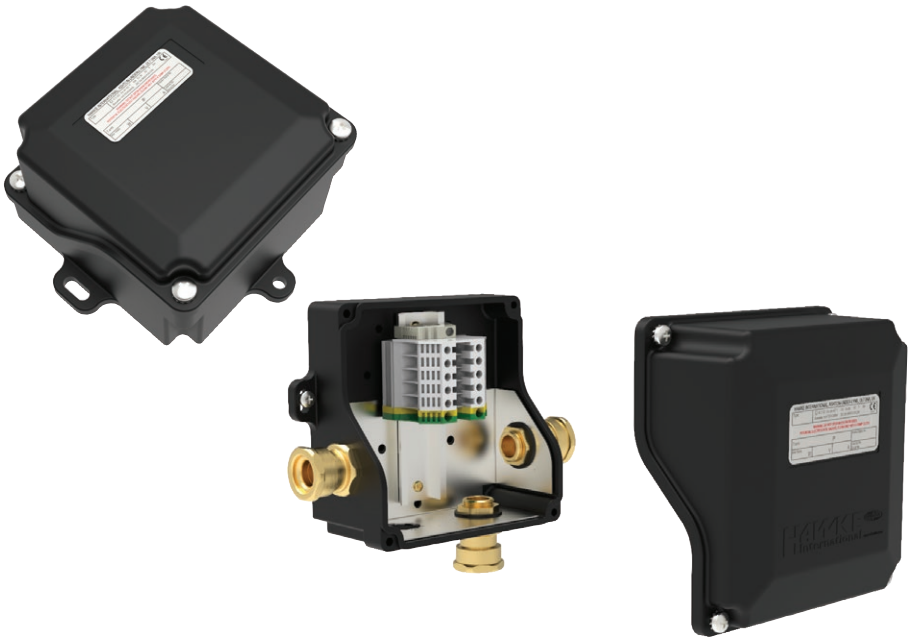
SJIC-INTGRD



SJIC-EXTGRD

HAWKE ENCLOSURES - PL5 SERIES

NON-METALLIC JUNCTION/TERMINAL BOXES



PL5
Empty/Terminal Enclosure

NEC/CEC Certifications
Class I, Zone 1, AEx e IIC Gb
Zone 21,AEx tb IIIC T80°C Db
IP66/67
Ta= -60°C to +75°C
Certificate 70039997

ATEX/IEC Ex Certifications
II 2 GD
Ex eb IIC Gb
Ex tb IIIC Db IP66/67
Baseefa14ATEX0268X
Baseefa14ATEX0248U
IECEx BAS 14.0123X
IECEx BAS 14.0120U

FEATURES-SPECIFICATIONS

Features

- Glass Reinforced Plastic (GRP) construction – lightweight, economical, corrosion resistant, and designed to withstand impact up to 7Nm.
- External mounting feet eliminate need to remove lid when mounting enclosure on wall
- Captive stainless steel cover screws – prevent loss of screws during assembly and maintenance
- Dropped lid design (PL511 and PL514 models) facilitates hand access to make wiring and inspections of terminations easier than that of traditional square, rectangular, or octagonal enclosures
- Earth continuity plate available in Zintec

Materials

- **BOX/LID:** Glass Reinforced Plastic (GRP)
- **SCREWS:** 316 stainless steel
- **EARTH CONTINUITY PLATE:** Zintec

HAWKE ENCLOSURES - PL5 SERIES

NON-METALLIC JUNCTION/TERMINAL BOXES

PL511/PL514 DIMENSIONS

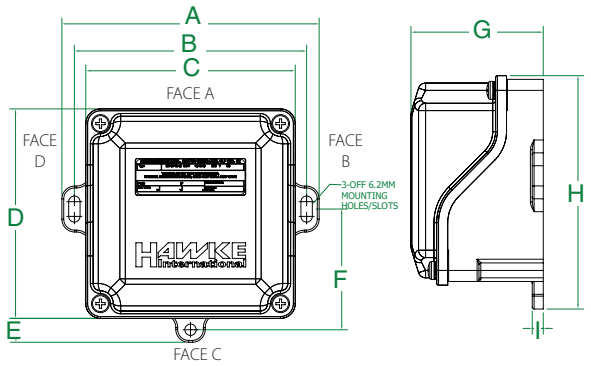
CATALOG NUMBER	A	B	C	D	E	F	G	H	I
PL511	5.51 (140)	4.98 (126.4)	4.49 (114)	4.49 (114)	0.51 (13)	2.59 (65.7)	2.83 (72)	5.00 (127)	0.24 (6)
PL514	6.69 (170)	6.16 (156.4)	5.68 (144.2)	5.69 (144.4)	0.51 (13)	3.57 (90.7)	3.66 (93)	6.18 (157)	0.28 (7)

All dimensions in. (mm)

MAXIMUM QUANTITY OF ENTRIES PER FACE

CATALOG NUMBER	THREAD SIZE	M16	M20	M25	M32	M40	M50	M63	M74
PL511 *	Face B	—	1	—	—	—	—	—	—
	Face C	—	2	—	—	—	—	—	—
	Face D	—	1	—	—	—	—	—	—
PL514	Face B	2	2	1	—	—	—	—	—
	Face C	6	6	2	2	—	—	—	—
	Face D	2	2	1	—	—	—	—	—

CAUTION: Entry quantities are calculated based on standard gland diameters. Entry quantity may be affected if using accessories (locknuts, washers etc) with large diameters.
** PL511 comes standard with four M20 holes*



PL513/PL520 DIMENSIONS

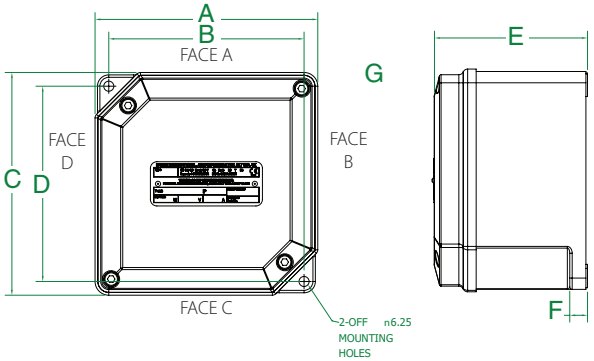
CATALOG NUMBER	A	B	C	D	E	F
PL513	5.43 (138)	4.76 (121)	5.43 (138)	4.76 (121)	3.75 (95)	0.43 (11)
PL520	7.87 (200)	7.32 (186)	5.31 (135)	4.76 (121)	3.75 (95)	0.43 (11)

All dimensions in. (mm)

MAXIMUM QUANTITY OF ENTRIES PER FACE

CATALOG NUMBER	THREAD SIZE	M16/ M20/O	M20/A	M25	M32	M40	M50	M63	M74
PL513	Face A/B/C/D	5	3	2	—	—	—	—	—
PL520	Face A/C	9	5	3	—	—	—	—	—
	Face B/D	5	3	2	—	—	—	—	—

CAUTION: Entry quantities are calculated based on standard gland diameters. Entry quantity may be affected if using accessories (locknuts, washers etc) with large diameters.



HAWKE ENCLOSURES - PL5 SERIES

NON-METALLIC JUNCTION/TERMINAL BOXES

PL 511 TERMINAL CAPACITY									
TERMINAL TYPE	CONDUCTOR SIZE (MM2)		MAX VOLTS	RAIL ORIENTATION	MAX. PHYSICAL TERMINAL CONTENT			REDUCED TERMINAL CONTENT AT MAX AMPS	
	MIN.	MAX.			TERMINAL QTY	RAIL QTY	AMPS	TERMINAL QTY	AMPS
WDU 2.5N	0.5	2.5	440	V	9	1	11	3	17
WDU 2.5	0.5	2.5	690	V	9		11	3	17
UT 2.5	0.14	3	690	V	9		11	6	15
WDU 4	0.5	4	690	V	8		15	3	22
UT 4	0.14	4	690	V	8		15	5	20
WDU 6	0.5	6	690	V	5		23	3	29
UT6	0.2	6	690	V	6		21	4	28

Max terminals are split across the quantity of terminal rails

PL513 TERMINAL CAPACITY									
TERMINAL TYPE	CONDUCTOR SIZE (MM2)		MAX VOLTS	RAIL ORIENTATION	MAX. PHYSICAL TERMINAL CONTENT			REDUCED TERMINAL CONTENT AT MAX AMPS	
	MIN.	MAX.			TERMINAL QTY	RAIL QTY	AMPS	TERMINAL QTY	AMPS
WDU 2.5N	0.5	2.5	440	V/H D	16 18	1	12 11	7	17
WDU 2.5	0.5	3	690	V/H D	16 18		12 11	7	17
UT 2.5	0.14	3	690	V/H D	16 17		12 11	10	15
WDU 4	0.5	4	690	V/H D	13 15		16 15	7	22
UT 4	0.14	4	690	V/H D	13 14		17 16	9	20
WDU 6	0.5	6	690	V/H D	10 11		23 22	6	29
UT6	0.2	6	690	V/H D	9 11		24 22	6	28
WDU 10	1.5	10	690	V/H D	8 9		32 30	5	40
UT 10	0.5	10	690	V/H D	7 8		35 33	5	39

** Max terminals are split across the quantity of terminal rails*

HAWKE ENCLOSURES - PL5 SERIES

NON-METALLIC JUNCTION/TERMINAL BOXES

PL514 TERMINAL CAPACITY

TERMINAL TYPE	CONDUCTOR SIZE (MM2)		MAX VOLTS	RAIL ORIENTATION	MAX. PHYSICAL TERMINAL CONTENT			REDUCED TERMINAL CONTENT AT MAX AMPS	
	MIN.	MAX.			TERMINAL QTY	RAIL QTY	AMPS	TERMINAL QTY	AMPS
WDU 2.5N	0.5	2.5	440	V	18	1	11	7	17
WDU 2.5	0.5	2.5	690	V	18		11	7	17
UT 2.5	0.1	2.5	690	V	17		11	10	15
WDU 4	0.5	4.0	690	V	14		15	7	22
UT 4	0.1	4.0	690	V	14		16	9	20
WDU 6	0.5	6.0	690	V	11		22	6	29
UT6	0.2	6.0	690	V	10		23	6	28
WDU 10	1.5	10.0	690	V	8		32	5	40
UT 10	0.5	10.0	690	V	8		33	5	39

** Max terminals are split across the quantity of terminal rails*

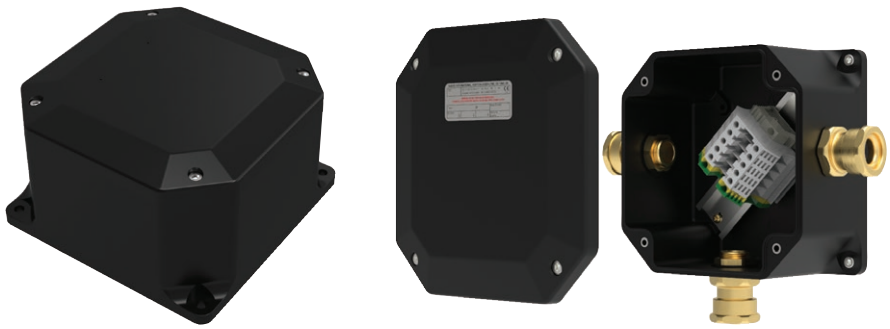
PL520 TERMINAL CAPACITY

TERMINAL TYPE	CONDUCTOR SIZE (MM2)		MAX VOLTS	RAIL ORIENTATION	MAX. PHYSICAL TERMINAL CONTENT			REDUCED TERMINAL CONTENT AT MAX AMPS	
	MIN.	MAX.			TERMINAL QTY	RAIL QTY	AMPS	TERMINAL QTY	AMPS
WDU 2.5	0.5	2.5	690	V H	16 30	1	12 8	7	17
UT 2.5	0.14	3	690	V H	16 29		11 8	9	15
WDU 4	0.5	4	690	V H	13 25		16 11	7	22
UT 4	0.14	4	690	V H	13 24		16 12	8	20
WDU 6	0.5	6	690	V H	10 19		23 16	6	29
UT6	0.2	6	690	V H	9 18		24 17	6	28
WDU 10	1.5	10	690	V H	8 15		32 23	5	40
UT 10	0.5	10	690	V H	7 14		35 24	5	39

** Max terminals are split across the quantity of terminal rails*

HAWKE ENCLOSURES - PL6 SERIES

NON-METALLIC JUNCTION BOXES



PL6
Empty/Terminal Enclosure

NEC/CEC Certifications
Class I, Zone 1, AEx e IIC Gb
Zone 21,AEx tb IIIC T80°C Db
IP66/67
Ta= -60°C to +75°C
Certificate 70039997

ATEX/IEC Ex Certifications
II 2 GD
Ex eb IIC Gb
Ex tb IIIC Db IP66/67
Baseefa14ATEX0268X
Baseefa14ATEX0248U
IECEx BAS 14.0123X
IECEx BAS 14.0120U

FEATURES-SPECIFICATIONS

Features

- Glass Reinforced Plastic (GRP) construction – robust, corrosion resistant, and designed to withstand impact up to 20Nm.
- Anti-Static properties remove risk of ignition sources from static induced sparking
- External mounting feet eliminate need to remove lid when mounting enclosure on wall
- Captive stainless steel cover screws – prevent loss of screws during assembly and maintenance
- Earth continuity plate available in Zintec

Materials

- **BOX/LID:** Glass Reinforced Plastic (GRP)
- **SCREWS:** 316 stainless steel
- **EARTH CONTINUITY PLATE:** Zintec

HAWKE ENCLOSURES - PL6 SERIES

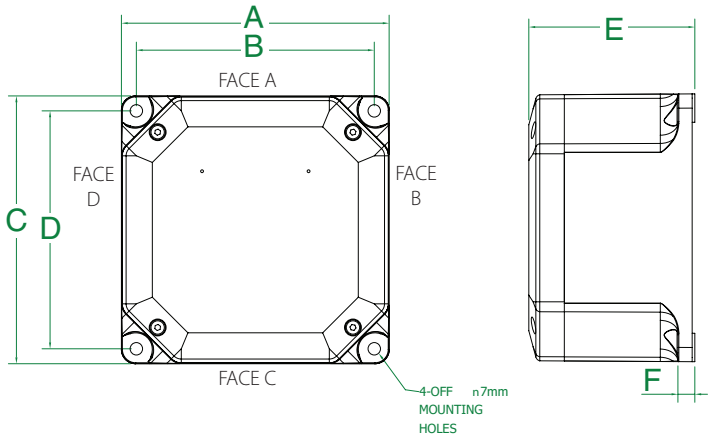
NON-METALLIC JUNCTION BOXES

PL612/PL615/PL620/PL630 DIMENSIONS						
CATALOG NUMBER	A	B	C	D	E	F
PL612	4.72 (120)	4.02 (102)	4.72 (120)	4.02 (102)	2.95 (75)	0.41 (10.5)
PL615	5.94 (151)	5.28 (134)	5.94 (151)	5.28 (134)	3.70 (94)	0.37 (9.5)
PL620	7.94 (201.8)	7.09 (180)	7.94 (201.8)	7.09 (180)	4.92 (125)	0.47 (12)
PL626	10.24 (260)	9.53 (242)	6.30 (160)	5.59 (142)	4.19 (106.5)	0.49 (12.5)
PL630	11.81 (300)	11.02 (280)	11.81 (300)	11.02 (280)	5.00 (127)	0.45 (11.5)

All dimensions in. (mm)

MAXIMUM QUANTITY OF ENTRIES PER FACE									
CATALOG NUMBER	THREAD SIZE	M16/M20	M20/A	M25	M32	M40	M50	M63	M74
PL612	Face A/B/C/D	2	—	1	1	—	—	—	—
PL615	Face A/B/C/D	2	—	2	1	—	—	—	—
PL620	Face A/B/C/D	6	—	4	2	1	1	—	—
PL626	Face B/D	3	—	2	1	—	—	—	—
	Face A/C	9	—	2	1	—	—	—	—
PL630	Face A/B/C/D	10	—	8	3	3	2	2	1

CAUTION: Entry quantities are calculated based on standard gland diameters. Entry quantity may be affected if using accessories (locknuts, washers etc) with large diameters.



HAWKE ENCLOSURES - PL6 SERIES

NON-METALLIC JUNCTION BOXES

PL612 TERMINAL CAPACITY									
TERMINAL TYPE	CONDUCTOR SIZE (MM2)		MAX VOLTS	RAIL ORIENTATION	MAX. PHYSICAL TERMINAL CONTENT			REDUCED TERMINAL CONTENT AT MAX AMPS	
	MIN.	MAX.			TERMINAL QTY	RAIL QTY	AMPS	TERMINAL QTY	AMPS
WDU 2.5N	0.5	2.5	440	D	12	1	15	9	17
WDU 2.5	0.5	2.5	690	D	10		17	9	17
UT 2.5	0.14	2.5	690	D	10		15	10	15
WDU 4	0.5	4	690	D	9		22	9	22
UT 4	0.14	4	690	D	9		20	9	20
WDU 6	0.5	6	690	D	6		29	6	29
UT6	0.2	6	690	D	6		28	6	28
WDU 10	1.5	10	690	D	5		40	5	40
UT 10	0.5	10	690	D	5		39	5	39

** Max terminals are split across the quantity of terminal rails*

PL615 TERMINAL CAPACITY									
TERMINAL TYPE	CONDUCTOR SIZE (MM2)		MAX VOLTS	RAIL ORIENTATION	MAX. PHYSICAL TERMINAL CONTENT			REDUCED TERMINAL CONTENT AT MAX AMPS	
	MIN.	MAX.			TERMINAL QTY	RAIL QTY	AMPS	TERMINAL QTY	AMPS
WDU 2.5	0.5	2.5	690	D / V / H	19	1	14	12	17
UT 2.5	0.14	2.5	690	D / V / H	19		14	16	15
WDU 4	0.5	4	690	D / V / H	16		19	11	22
UT 4	0.14	4	690	D / V / H	15		19	14	20
WDU 6	0.5	6	690	D / V / H	12		27	10	29
UT6	0.2	6	690	D / V / H	11		28	11	28
WDU 10	1.5	10	690	D / V / H	9		38	8	40
UT 10	0.5	10	690	D / V / H	9		39	9	39
WDU 16	1.5	16	690	D / V / H	7		50	6	53
UT 16	1.5	16	690	D / V / H	7		50	6	53

** Max terminals are split across the quantity of terminal rails*

PL620 TERMINAL CAPACITY									
TERMINAL TYPE	CONDUCTOR SIZE (MM2)		MAX VOLTS	RAIL ORIENTATION	MAX. PHYSICAL TERMINAL CONTENT			REDUCED TERMINAL CONTENT AT MAX AMPS	
	MIN.	MAX.			TERMINAL QTY	RAIL QTY	AMPS	TERMINAL QTY	AMPS
WDU 2.5	0.5	2.5	690	D / V	24	1	14	17	17
UT 2.5	0.14	2.5	690	D / V	26		14	22	15
WDU 4	0.5	4	690	D / V	20		20	16	22
UT 4	0.14	4	690	D / V	21		19	20	20
WDU 6	0.5	6	690	D / V	15		28	14	29
UT6	0.2	6	690	D / V	16		27	15	28
WDU 10	1.5	10	690	D / V	12		40	12	40
UT 10	0.5	10	690	D / V	12		39	12	39
WDU 16	1.5	16	690	D / V	9		53	9	53
UT 16	1.5	16	690	D / V	10		51	9	53
WDU 35	2.5	35	690	D / V	6		80	6	80
UT 35	1.5	35	690	D / V	7		70	7	70
WDU 50N	6	50	690	D / V	5		88	5	88
UKH 50	16	50	690	D / V	5		87	5	87
WDU 70N	10	70	690	D / V	4		117	3	129

** Max terminals are split across the quantity of terminal rails*

HAWKE ENCLOSURES - PL6 SERIES

NON-METALLIC JUNCTION BOXES

PL626 TERMINAL CAPACITY									
TERMINAL TYPE	CONDUCTOR SIZE (MM2)		MAX VOLTS	RAIL ORIENTATION	MAX. PHYSICAL TERMINAL CONTENT			REDUCED TERMINAL CONTENT AT MAX AMPS	
	MIN.	MAX.			TERMINAL QTY	RAIL QTY	AMPS	TERMINAL QTY	AMPS
WDU 2.5	0.5	2.5	690	H	38	1	11	15	17
UT 2.5	0.14	2.5	690	H	41		10	20	15
WDU 4	0.5	4	690	H	32		15	14	22
UT 4	0.14	4.0	690	H	34		14	18	20
WDU 6	0.5	6	690	H	24		21	12	29
UT6	0.2	6	690	H	25		20	13	28
WDU 10	1.5	10	690	H	19		30	10	40
UT 10	0.5	10	690	H	20		29	11	39
WDU 16	1.5	16	690	H	16		38	8	53
UT 16	1.5	16	690	H	17		37	8	53
WDU 35	2.5	35	690	H	12		57	6	80
UT 35	1.5	35	690	H	12		68	11	70

** Max terminals are split across the quantity of terminal rails*

PL630 TERMINAL CAPACITY									
TERMINAL TYPE	CONDUCTOR SIZE (MM2)		MAX VOLTS	RAIL ORIENTATION	MAX. PHYSICAL TERMINAL CONTENT			REDUCED TERMINAL CONTENT AT MAX AMPS	
	MIN.	MAX.			TERMINAL QTY	RAIL QTY	AMPS	TERMINAL QTY	AMPS
WDU 2.5	0.5	2.5	690	V / H D	76 55	2 1	9 11	22	17
UT 2.5	0.14	3	690	V / H D	76 53	2 1	9 11	29	15
WDU 4	0.5	4	690	V / H D	64 46	2 1	12 15	20	22
UT 4	0.14	4	690	V / H D	62 44	2 1	13 15	26	20
WDU 6	0.5	6	690	V / H D	48 35	2 1	18 21	18	29
UT6	0	6	690	V / H D	46 33	2 1	18 21	19	28
WDU 10	1.5	10	690	V / H D	36 28	2 1	26 30	15	40
UT 10	0.5	10	690	V / H D	36 26	2 1	26 31	16	39
WDU 16	1.5	16	690	V / H D	30 22	2 1	34 40	12	53
UT 16	1.50	16	690	V / H D	30 22	2 1	34 40	12	53
WDU 35	2.5	35	690	V / H D	22 16	2 1	53 62	9	80
UT 35	1.50	35	690	V / H D	22 16	2 1	61 70	16	70
WDU 50N	6.0	50	690	D	11	1	80	8	88
UKH 50	16.0	50	690	D	11	1	87	11	87
WDU 70N	10.0	70	690	D	11	1	88	5	129

** Max terminals are split across the quantity of terminal rails*