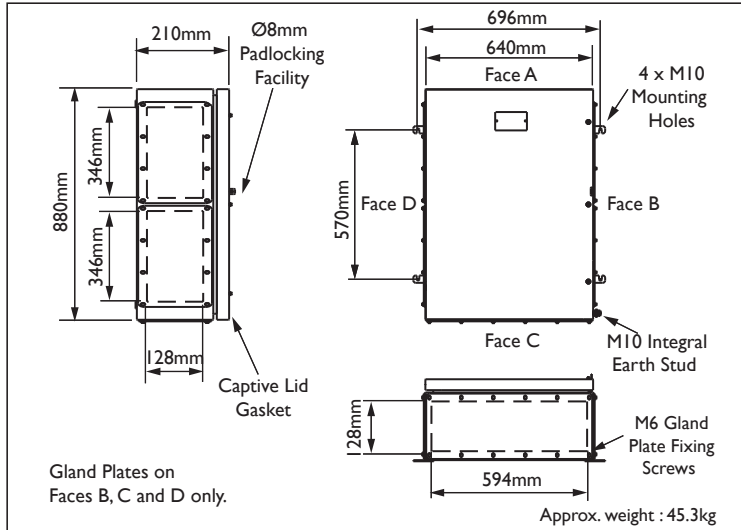




# Enclosure Type Stainless Steel Size 8

Increased Safety Exe  
Dual Certified ATEX/IECEX



## Technical Data

- Increased Safety Exe.  $\text{Ex} \text{II} \text{2 GD Exe II ExtD A21}$
- SIZE 8 Certificate No. Baseefa 08 ATEX 0208X & IECEx BAS 08.0065X
- ZSIZE 8 Certificate No. Baseefa 08 ATEX 0207U & IECEx BAS 08.0064U
- Suitable for use in Zone 1, Zone 2, Zone 21 & Zone 22.
- Construction and test standards IEC/EN 60079-0 and IEC/EN 60079-7, IEC/EN 61241-0 & IEC/EN 61241-1.
- IP66 ingress protection to IEC/EN 60529.
- DTS01 deluge protection witnessed by EECS.
- Operating temperature range -60°C to +80°C.
- Temperature Class and Ambient T6 40°C. Optional T5 with ambients up to 65°C.
- Assembly instruction data sheet No. A.I. 266. For SIZE 8.
- Assembly instruction data sheet No. A.I. 267. For ZSIZE 8.
- 210mm deep option available.
- Alternative Certification Options Available.
  - Exe II.
  - AExe II/Exe II.
  - GOST R-Exe IIIU.

S Series Stainless Steel Enclosures

### MAXIMUM QUANTITY OF ENTRIES PER FACE (2 gland plates on faces B & D)

Thread Size	M16	M20/O	M20/A	M25	M32	M40	M50	M63	M75
Bottom Face C Quantity	64 #	64 #	42	30	18	13	8	6	4
Side Faces B & D Quantity	128 #	128 #	84	60	36	26	16	12	8

# Serrated Washers/Locknuts with large outside diameters may foul on adjacent glands.

\* Serrated Washers/Locknuts must not foul on aperture wall.

**Note:** For Cable Entry Positions see page 34.

**For full Technical Specification see page 35.**

### TERMINAL CAPACITY DATA

Terminal Type	Conductor Size (mm <sup>2</sup> )		Max. Volts	Max. Physical Terminal Content		Reduced Terminal Content at Max. Terminal Amps	
	Min.	Max.		Terminal Quantity	Amps	Terminal Quantity	Amps
WDU 2.5	0.5	2.5	550	852	3	26	17
WDU 4	0.5	4	690	720	4	25	22
WDU 6	0.5	6	550	540	5	21	29
WDU 10	1.5	10	550	438	8	18	40
WDU 16	1.5	16	690	360	11	16	53
WDU 35	2.5	35	690	270	18	12	87
WDU 70N	10	70	690	108	41	10	134
WDU 70/95	16	70	690	56	56	9	134
WDU 70/95	16	95		56	62	12	
WDU 120/150	35	120	690	46	77	10	162
WDU 120/150		150		46	82	12	
WFF 35 *	2.5	35	1100	84	35	18	76
WFF 70 *	2.5	70	1100	46	66	14	116
WFF 120 *	6	120	1100	36	98	13	162
WFF 185 *	10	185	1100	13	197	9	234
WFF 300 *	25	300	1100	13	221	7	316

**Notes:** For Junction Box Wattage Factor & Combined Terminal Resistance see pages 37 - 39.

The box is supplied with an integral internal/external earth stud assembly.

The terminals listed are restricted to a minimum operating temperature of -50°C.