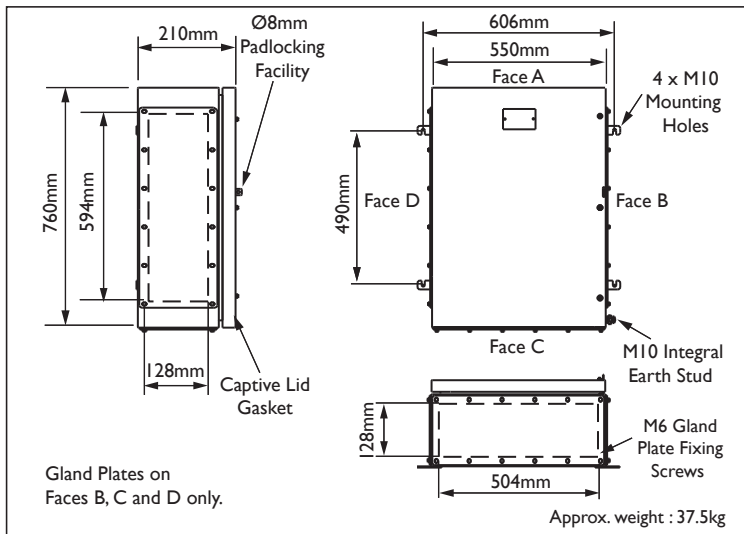




# Enclosure Type Stainless Steel Size 7

Increased Safety Exe  
Dual Certified ATEX/IECEX



## Technical Data

- Increased Safety Exe.  $\text{Ex} \text{ II } 2 \text{ GD Exe II ExtD A21}$
- SIZE 7 Certificate No. Baseefa 08 ATEX 0208X & IECEx BAS 08.0065X
- ZSIZE 7 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 and IEC/EN 61241-1.
- IP66 ingress protection to IEC/EN 60529.
- DTS01 deluge protection witnessed by EECS.
- Operating temperature range  $-60^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$ .
- Temperature Class and Ambient T6  $40^{\circ}\text{C}$ . Optional T5 with ambients up to  $65^{\circ}\text{C}$ .
- Assembly instruction data sheet No. A.I. 266. For SIZE 7.
- Assembly instruction data sheet No. A.I. 267. For ZSIZE 7.
- 210mm deep option available.
- Alternative Certification Options Available.
  - Exe II.
  - US AExe II/Exe II.
  - GOST R-Exe IIU.

S Series Stainless Steel Enclosures

## MAXIMUM QUANTITY OF ENTRIES PER FACE

Thread Size	M16	M20/O	M20/A	M25	M32	M40	M50	M63	M75
Bottom Face C Quantity	56 # *	56 # *	36	26	16	11	7	5	4
Side Faces B & D Quantity	64 # *	64 # *	42	30	18	13	8	6	4

# 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	600	3	24	17
WDU 4	0.5	4	690	515	4	23	22
WDU 6	0.5	6	550	380	6	19	29
WDU 10	1.5	10	550	300	9	16	40
WDU 16	1.5	16	690	250	12	14	53
WDU 35	2.5	35	690	190	21	11	87
WDU 70N	10	70	690	93	42	9	134
WDU 70/95	16	70	690	23	83	8	134
WDU 70/95	16	95		23	94	11	
WDU 120/150	35	120	690	20	110	9	162
WDU 120/150		150		20	117	10	
WFF 35	2.5	35	1100	46	45	16	76
WFF 70	2.5	70	1100	40	67	13	116
WFF 120	6	120	1100	15	145	11	162
WFF 185	10	185	1100	11	203	8	234
WFF 300	25	300	1100	11	227	6	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  $-50^{\circ}\text{C}$ .

Connection Solutions  
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