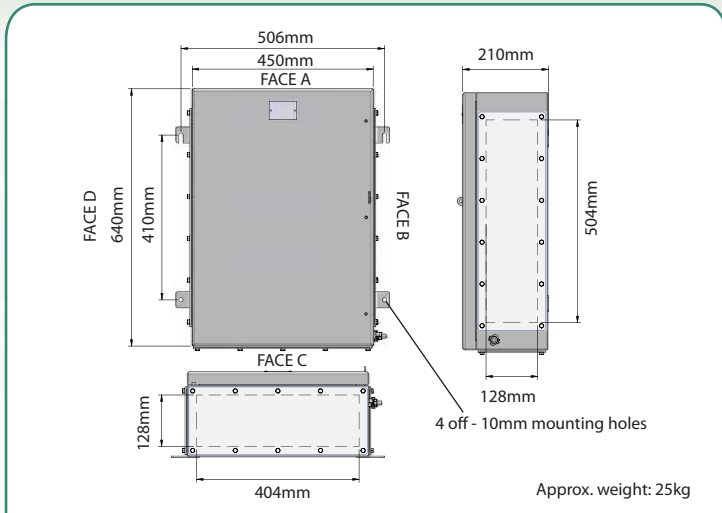


S Series Enclosures

Enclosure Type: Size 6 (S6) Stainless Steel

Increased Safety Exe Dual Certified ATEX / IECEx



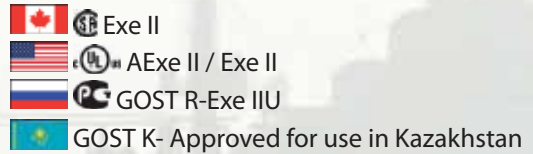
MAXIMUM QUANTITY OF ENTRIES PER FACE

Thread Size	M16	M20 / O	M20 / A	M25	M32	M40	M50	M63	M75
Bottom Face C Qty.	44 #	42	32	26	14	11	6	4	3
Side Faces B & D Qty.	56 # *	54	40	33	18	14	8	5	4

Serrated Washers / Locknuts with large outside diameters may foul on adjacent glands.
* Serrated Washers / Locknuts must not foul on aperture wall.

Technical Data

- Increased Safety Ⓜ II 2 GD Exe II ExtD.
- Size 6 (S6) Certificate No's: Baseefa08ATEX0208X and IECEx BAS 08.0065X.
- Z Size 6 (ZS6) Certificate No's: Baseefa08ATEX0207U and IECEx BAS 08.0064U.
- Suitable for use in Zone 1, Zone 2, Zone 21 and Zone 22.
- Construction and Test Standards: IEC/EN 60079-0, IEC/EN 60079-7, IEC/EN 61241-0 and IEC/EN 61241-1.
- Ingress Protection: IP66 to IEC/EN 60529.
- Deluge Protection to DTS01.
- Operating Temperature Range: -60°C to +80°C.
- Temperature Class and Ambient: T6 40°C, optional T5 with ambients up to 65°C.
- Size 6 (S6) Assembly Instruction Sheet: AI 266.
- Z Size 6 (ZS6) Assembly Instruction Sheet: AI 267.
- Alternative certification options available:



For full technical specification, see Page 32

TERMINAL CAPACITY

Terminal Type	Conductor Size (mm ²)		Max. Volts	Max. Physical Terminal Content		Reduced Terminal Content at Max. Terminal Amps	
	Min.	Max.		Terminal Qty.	Amps	Terminal Qty.	Amps
WDU 2.5	0.5	2.5	550	416	3	22	17
WDU 4	0.5	4	690	320	5	20	22
WDU 6	0.5	6	550	240	7	17	29
WDU 10	1.5	10	550	200	11	15	40
WDU 16	1.5	16	690	160	15	13	53
WDU 35	2.5	35	690	120	25	10	87
WDU 50	6	50	690	96	33	13	88
WDU 70N	10	70	690	50	54	9	134
WDU 70 / 95	16	70	690	19	86	8	134
WDU 70 / 95	16	95	690	19	97	11	134
WDU 120 / 150	35	120	690	16	114	9	162
WDU 120 / 150	35	150	690	16	120	10	162
WFF 35	2.5	35	1100	38	48	16	76
WFF 70	2.5	70	1100	16	100	13	116
WFF 120	6	120	1100	12	152	11	162
WFF 185	10	185	1100	9	212	7	234
WFF 300	25	300	1100	9	255	6	316

Notes: For Junction Box Wattage Factor and Combined Terminal Resistance, see Pages 43 & 44
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.