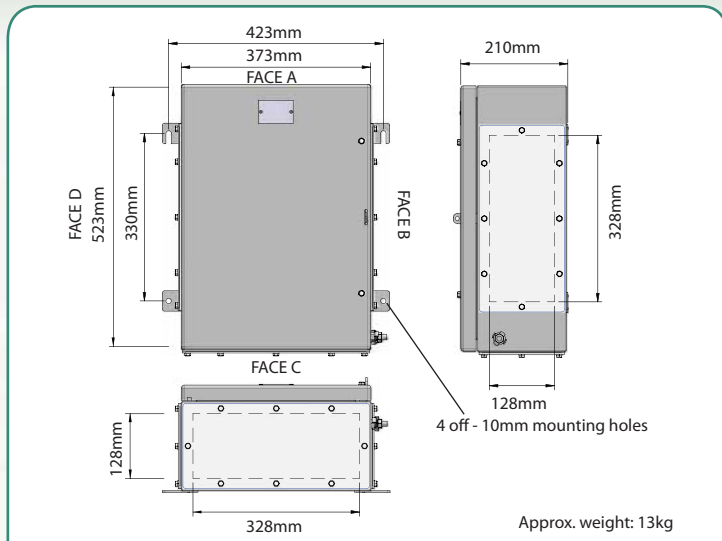


Enclosure Type: Size 5 (S5) Stainless Steel

Increased Safety Exe Dual Certified ATEX / IECEx

S Series Enclosures



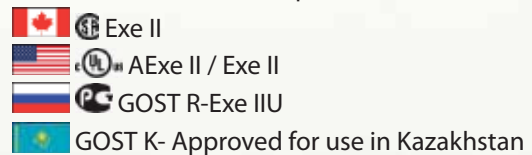
MAXIMUM QUANTITY OF ENTRIES PER FACE

Thread Size	M16	M20 / O	M20 / A	M25	M32	M40	M50	M63	M75
Faces B, C & D Qty.	40 #	30	28	20	11	8 # *	5 *	3	2

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 A21.
- Size 5 (S5) Certificate No's: Baseefa08ATEX0208X and IECEx BAS 08.0065X.
- Z Size 5 (ZS5) 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 5 (S5) Assembly Instruction Sheet: AI 266.
- Z Size 5 (ZS5) 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	249	5	21	17
WDU 4	0.5	4	690	192	7	20	22
WDU 6	0.5	6	550	144	9	16	29
WDU 10	1.5	10	550	120	13	14	40
WDU 16	1.5	16	690	96	19	12	53
WDU 35	2.5	35	690	72	31	9	87
WDU 50	6	50	690	56	42	13	88
WDU 70N	10	70	690	40	58	7	134
WDU 70 / 95	16	70	690	15	93	7	134
WDU 70 / 95	16	95	690	15	105	9	134
WDU 120 / 150	35	120	690	12	126	7	162
WDU 120 / 150	35	150	690	12	134	8	162
WFF 35	2.5	35	1100	15	75	14	76
WFF 70	2.5	70	1100	12	114	11	116
WFF 120	6	120	1100	9	163	9	162

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.