



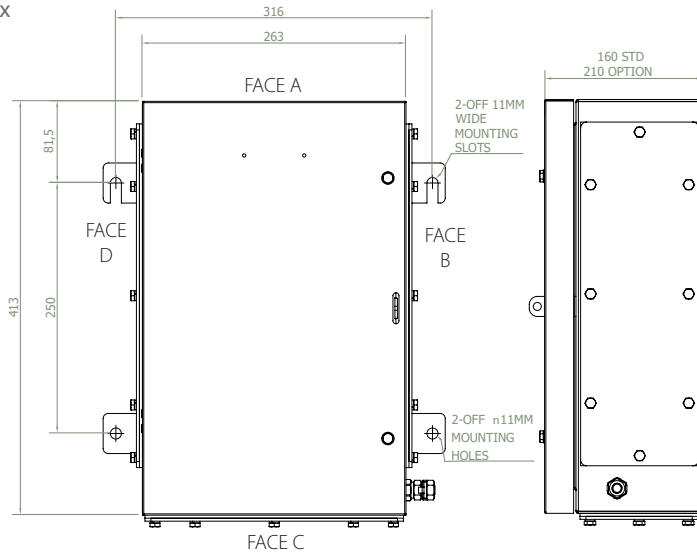
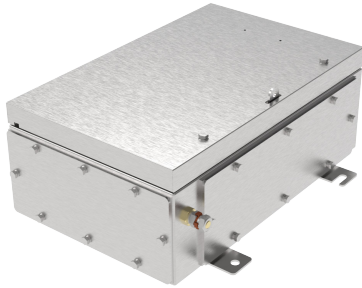
MADE IN BRITAIN

# SIZE 3 (S3)

Increased Safety Exe Dual Certified ATEX/ IECEx



International Approvals



The S3 316 L Stainless Steel Enclosure offers high levels of corrosion resistance, easy installation and a robust stainless steel construction, making it a safe and reliable Enclosure for use in Exe applications.

## Technical Data

Ingress Protection	IP66 to IEC/EC 60529; Type 4X
Deluge Protection	DTS01
Material	316 Brushed Finish Stainless Steel
Service Temperature	-60°C to +80°C
Temperature Class and Ambient	T6 40°C as standard Optional T5 with ambients up to 65°C For additional options see technical data
<b>ATEX/IECEx</b>	
ATEX/IECEx Protection Class	Ex II 2 GD Ex eb IIC Gb; Ex tb IIIC Db
ATEX Certificate No	Baseefa08ATEX0208X (S3) Baseefa08ATEX0207U (ZS3)
IECEx Certificate Number	IECEx BAS 08.0065X (S3) IECEx BAS 08.0064U (ZS3)
UKEX Certificate Number	BAS21UKEX0042X (S3) BAS21UKEX0034U (ZS3)
Construction & Test Standards	IEC/EN 60079-0, IEC/EN 60079-7 and IEC/EN 60079-31
Marine Approvals	ABS: 17-LD1653735-PDA DNV: TAE00003RY Bureau Veritas: 43523/A1
Additional Certifications	EAC: RU C-GB.HA91.B.00260/21 Inmetro: IEx 16.0144X PESO: P457339
<b>CSA</b>	
NEC Protection Class	Class 1 Div 2 ABCD Class I, Zone 1, AEx e IIC Gb Zone 21, AEx tb IIIC T80°C Db
CEC Protection Class	Ex e IIC Gb Ex tb IIIC T80°C Db
c CSA us Certificate	70039997
Construction & Test Standards	UL 50E, UL12.12.01, UL/CSA-C22.2 60079-0, UL/CSA-C22.2 60079-7, UL/CSA-C22.2 60079-31, CSA-C22.2 No. 94-M91, CSA-C22.2 No. 14-M91
<b>UL</b>	
NEC Protection Class	Class I, Zone 1, AEx eb IIC Gb
CEC Protection Class	Ex eb IIC Gb
UL Certificate No	E181955
Construction & Test Standards	UL 50E, UL508, UL/CSA-C22.2 60079-0, UL/CSA-C22.2 60079-7, CSA-C22.2 No. 94.1-15, CSA-C22.2 No. 14.2-15

## FEATURES

- Available in 160mm or 210mm deep options.
- Robust Stainless Steel Construction.
- Superior one piece silicone sponge gaskets for excellent ingress and deluge protection.
- Rigid slotted external mounting feet for easy mounting onto structures.
- Stainless steel lid fixing screws with nylon retaining washers to prevent loss of screws during assembly and maintenance.

Terminal Capacity									
Terminal Type	Conductor Size (mm <sup>2</sup> )		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	126	2	6	18	17
				H	99	3	7		
UT 2.5	0.14	2.5	690	V	126	2	6	23	15
				H	102	3	7		
WDU 4	0.5	4	690	V	102	2	9	17	22
				H	78	3	10		
UT 4	0.14	4	690	V	102	2	9	22	20
				H	81	3	10		
WDU 6	0.5	6	690	V	78	2	12	15	29
				H	60	3	14		
UT6	0.2	6	690	V	78	2	12	15	28
				H	60	3	14		
WDU 10	1.5	10	690	V	62	2	18	12	40
				H	48	3	20		
UT 10	0.5	10	690	V	62	2	18	13	39
				H	48	3	21		
WDU 16	1.5	16	690	V	50	2	24	10	53
				H	36	3	29		
UT 16	1.5	16	690	V	50	2	24	10	53
				H	39	3	28		
WDU 35	2.5	35	690	V	34	2	40	8	80
				H	24	3	48		
UT 35	1.5	35	690	V	36	2	44	14	70
				H	27	3	50		
WDU 50N	6	50	690	V	28	2	48	8	88
UKH 50	16	50	690	V	26	2	54	10	87
WDU 70N	10	70	690	V	14	1	77	4	129
WFF 35/AH**	2.5	35	1100	V	11	1	76	11	76

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

\*\*210mm Deep ONLY

### 160mm Deep Maximum Quantity of Entries Per Face

Thread Size	M16	M20	M25	M32	M40	M50	M63	M75
Face C	17	12	7	4	3	2	-	-
Face B/D	23	16	10	5	4	3	-	-

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

### 210mm Deep Maximum Quantity of Entries Per Face

Thread Size	M16	M20	M25	M32	M40	M50	M63	M75
Face C	20	20	15	8	5	3	2	2
Face B/D	28	28	21	10	7	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.