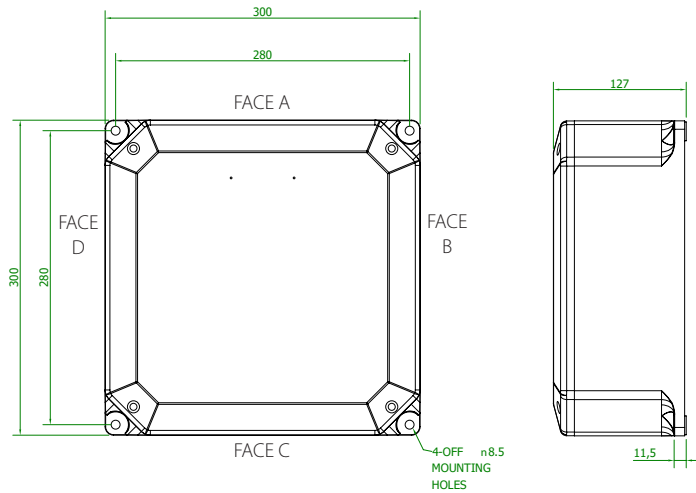




PL630

Increased Safety Exe Dual Certified ATEX/IECEX



Offering the ultimate in robust GRP construction, the globally certified PL630 is ideal for use in Zones 1 and 21. The PL630 enclosure offers easy installation, superior corrosion resistance, wide operating temperature range and excellent Ingress Protection.

Terminal Capacity

Terminal Type	Conductor Size (mm ²)		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/H D	76 55	2 1	9 11	22	17
UT 2.5	0.14	2.5	690	V/H D	76 53	2 1	9 11	29	15
WDU 4	0.5	4	690	V/H D	64 46	2 1	12 15	20	22
UT 4	0.14	4	690	V/H D	62 44	2 1	13 15	26	20
WDU 6	0.5	6	690	V/H D	48 35	2 1	18 21	18	29
UT6	0.2	6	690	V/H D	46 33	2 1	18 21	19	28
WDU 10	1.5	10	690	V/H D	36 28	2 1	26 30	15	40
UT 10	0.5	10	690	V/H D	36 26	2 1	26 31	16	39
WDU 16	1.5	16	690	V/H D	30 22	2 1	34 40	12	53
UT 16	1.5	16	690	V/H D	30 22	2 1	34 40	12	53
WDU 35	2.5	35	690	V/H D	22 16	2 1	53 62	9	80
UT 35	1.5	35	690	V/H D	22 16	2 1	61 70	16	70
WDU 50N	6	50	690	D	11	1	80	8	88
UKH 50	16	50	690	D	11	1	87	11	87
WDU 70N	10	70	690	D	11	1	88	5	129

*Max terminals are split across the quantity of terminal rails

FEATURES

- The Ultimate in Robust GRP Construction
- High degree of resistance to corrosive atmospheres
- Corrosion Resistant Stainless Steel Lid Fixing Screws with Nylon Retaining Washers prevents loss of screws during assembly and maintenance
- Insulation resistance less than 1GΩ
- Anti-Static Properties Removes the risk of ignition sources through static induced sparking resistivity
- External Mounting feet for easy installation

Technical Data	
Ingress Protection	IP66 IP67 to IEC/EN 60529
Deluge Protection	DTS01
Material	Glass Reinforced Plastic (GRP) Natural Black Finish
Service Temperature	-60°C to +75°C
Temperature Class and Ambient	T6 40°C as standard Optional T5 with ambients up to 65°C For additional options see technical data
ATEX/IECEx	
ATEX/IECEx Protection Class	Ex II 2 GD Ex eb IIC Gb; Ex tb IIIC Db
ATEX Certificate No	Baseefa06ATEX0117X (PL630) Baseefa06ATEX0116U (ZPL630)
IECEx Certificate Number	IECEx BAS 06.0028X (PL630) IECEx BAS 06.0027U (ZPL630)
UKEX Certificate Number	BAS21UKEX0047X (PL630) BAS21UKEX0046U (ZPL630)
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 16.0143X PESO: P457339
CSA	
NEC Protection Class	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, UL508, 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
UL	
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

Maximum Quantity of Entries Per Face

Thread Size	M16/M20	M20/A	M25	M32	M40	M50	M63	M75
Faces A/B/C/D	10	10	8	3	3	2	2	1

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