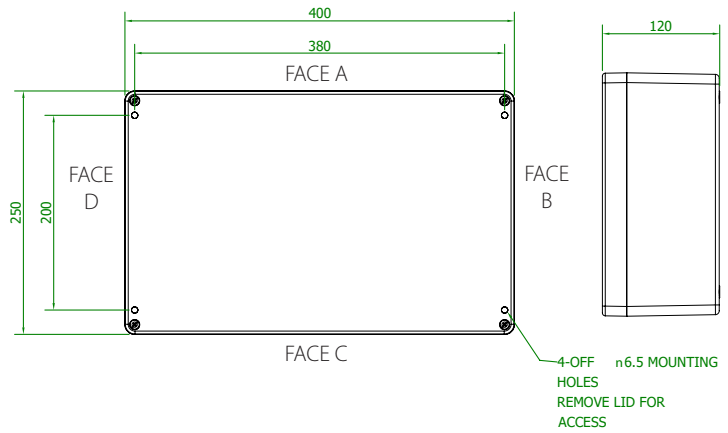




PL642

Increased Safety Exe Dual Certified ATEX/ IECEx



Offering the ultimate in robust GRP construction, the globally certified PL642 is ideal for use in Zones 1 and 21. The PL642 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	104	4	7	19	17
				H	122	2	6		
UT 2.5	0.14	2.5	690	V	100	4	7	24	15
				H	118	2	6		
WDU 4	0.5	4	690	V	88	4	10	18	22
				H	102	2	8		
UT 4	0.14	4	690	V	84	4	10	21	20
				H	100	2	9		
WDU 6	0.5	6	690	V	64	4	14	15	29
				H	78	2	10		
UT6	0.2	6	690	V	64	4	14	16	28
				H	74	2	13		
WDU 10	1.5	10	690	V	52	4	20	13	40
				H	62	2	13		
UT 10	0.5	10	690	V	48	4	21	14	39
				H	60	2	19		
WDU 16	1.5	16	690	V	40	4	28	11	53
				H	50	2	16		
UT 16	1.5	16	690	V	40	4	28	11	53
				H	48	2	25		
WDU 35	2.5	35	690	H	18	1	55	8	80
UT 35	1.5	35	690	H	18	1	63	14	70
WDU 50N	6	50	690	H	16	1	63	8	88
UKH 50	16	50	690	H	14	1	74	10	87
WDU 70N	10	70	690	H	14	1	75	4	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
- Self Retaining Corrosion Resistant Stainless Steel Lid Fixing Screws prevents loss during assembly and maintenance
- Insulation resistance less than 1GΩ
- Anti-Static Properties Removes the risk of ignition sources through static induced sparking resistivity

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 (PL642) Baseefa06ATEX0116U (ZPL642)
IECEX Certificate Number	IECEX BAS 06.0028X (PL642) IECEX BAS 06.0027U (ZPL642)
UKEX Certificate Number	BAS21UKEX0047X (PL642) BAS21UKEX0046U (ZPL642)
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

Maximum Quantity of Entries Per Face								
Thread Size	M16/M20	M20/A	M25	M32	M40	M50	M63	M75
Face B/D	8	8	5	3	2	1	-	-
Face A/C	18	18	15	7	5	4	-	-

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

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