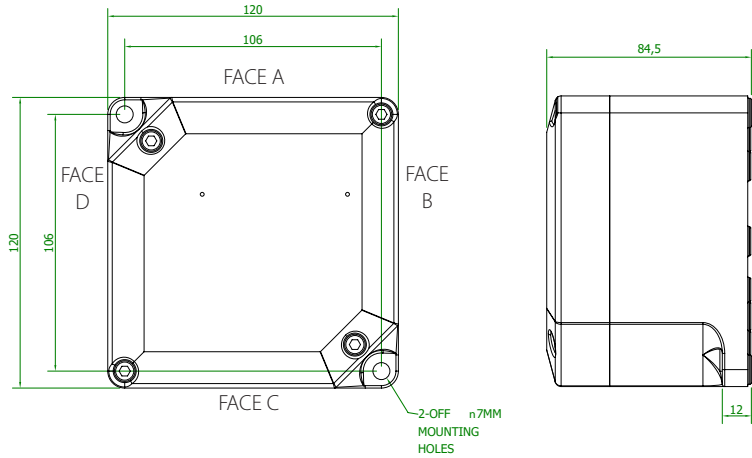
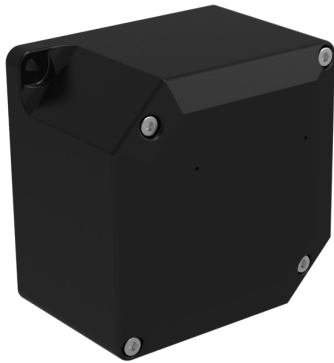




PL712

Increased Safety Exe Dual Certified ATEX/ IECEx



The ultimate in robust GRP construction, the PL712 is designed to withstand impact resistance of up to 7Nm. Its highly corrosion resistant construction and anti-static properties also make it a safe and reliable choice for some of the world's most testing applications, including; Oil and Gas and Marine.

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 2.5N	0.5	2.5	440	D	12		13	7	17
WDU 2.5	0.5	2.5	690	D	10		15	7	17
UT 2.5	0.14	2.5	690	D	11		14	9	15
WDU 4	0.5	4	690	D	9		19	7	22
UT 4	0.14	4	690	D	9	1	20	9	20
WDU 6	0.5	6	690	D	6		29	6	29
UT6	0.2	6	690	D	6		28	6	28
WDU 10	1.5	10	690	D	5		39	4	40
UT 10	0.5	10	690	D	5		39	5	39
HTB 6	0.5	Max. per Pillar	550	N/A	1	Conductor Size mm ²	Max. Amps per Pillar	N/A	N/A
		2 x 10mm ²				0.5	1		
		3 x 6mm ²				0.75	1		
		4 x 4mm ²				1	8		
		4 x 0.5mm ²				1.5	10		
		2 x 2.5mm ²				2.5	15		
		Solid				4	21		
1 x 6.0mm ²	6	26							
Stranded	10	37							

* Max terminals are split across the quantity of terminal rails

FEATURES

- The ultimate in robust GRP construction designed to withstand impact resistance up to 7Nm.
- GRP construction provides a 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.
- Anti-static properties removes the risk of ignition sources through static induced sparking resistivity
- Insulation resistance less than 1GΩ.

Technical Data	
Ingress Protection	IP66 IP67 to IEC/EC 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	Baseefa08ATEX0272X (PL712) Baseefa08atex0271U (ZPL712)
IECEX Certificate Number	IECEX BAS 08.0091X (PL712) IECEX BAS 08.0090U (ZPL712)
UKEX Certificate Number	BAS21UKEX0036X (PL712) BAS21UKEX0035U (ZPL712)
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	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.

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