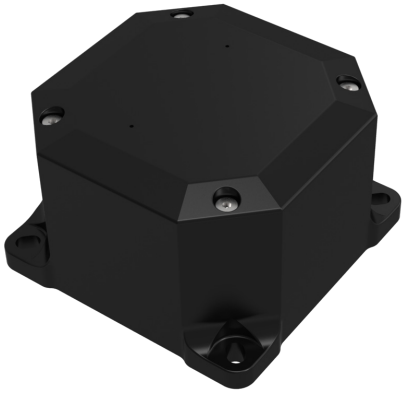
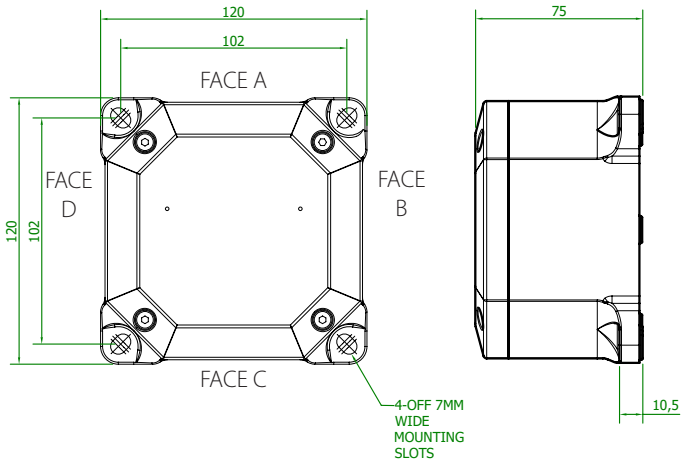
MADE IN BRITAIN

International Approvals

PL612

Increased Safety Exe Dual Certified ATEX/ IECEx





Offering the ultimate in robust GRP construction, the globally certified PL612 is ideal for use in Zones 1 and 21. The PL612 enclosure offers easy installation, superior corrosion resistance, wide operating temperature range and excellent Ingress Protection.

Terminal Capacity

Terminal Type	Conductor Size (mm2)		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	1	15	9	17
WDU 2.5	0.5	2.5	690	D	10		17	9	17
UT 2.5	0.14	2.5	690	D	10		15	10	15
WDU 4	0.5	4	690	D	9		22	9	22
UT 4	0.14	4	690	D	9		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		40	5	40
UT 10	0.5	10	690	D	5		39	5	39
HTB 6	0.5	Max. per Pillar 2 x 10mm² 3 x 6mm² 4 x 4mm² 4 x 0.5mm² 2 x 2.5mm² Solid 1 x 6.0mm² Stranded	550	N/A	1	Conductor Size mm2 0.5 0.75 1 1.5 2.5 4 6 10	Max. Amps per Pillar 1 1 8 10 15 21 26 37	N/A	N/A

** 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 (PL612) Baseefa06ATEX0116U (ZPL612)
IECEx Certificate Number	IECEx BAS 06.0028X (PL612) IECEx BAS 06.0027U (ZPL612)
UKEX Certificate Number	BAS21UKEX0047X (PL612) BAS21UKEX0046U (ZPL612)
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	1	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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