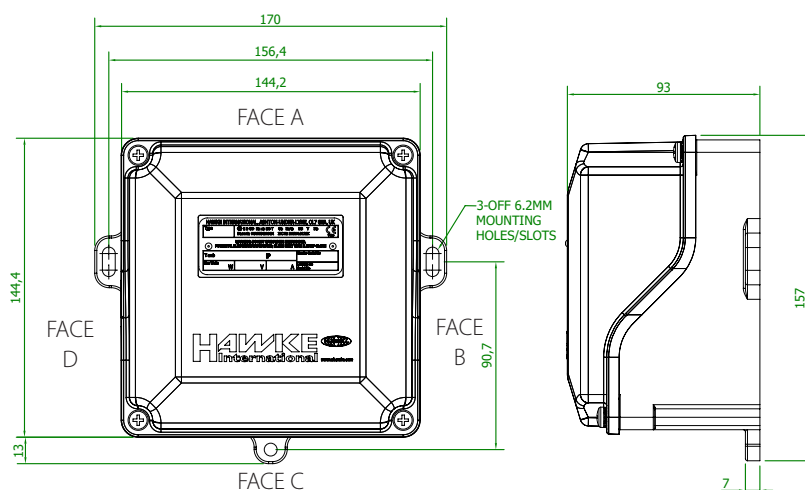




PL514

Increased safety & dust protection



Offering exceptional strength, easy installation and global certification, the PL514 is the ideal alternative to traditional Glass Reinforced Polyester Enclosures.

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	V	18	1	11	7	17
WDU 2.5	0.5	2.5	690	V	18		11	7	17
UT 2.5	0.1	2.5	690	V	17		11	10	15
WDU 4	0.5	4.0	690	V	14		15	7	22
UT 4	0.1	4.0	690	V	14		16	9	20
WDU 6	0.5	6.0	690	V	11		22	6	29
UT 6	0.2	6.0	690	V	10		23	6	28
WDU 10	1.5	10.0	690	V	8		32	5	40
UT 10	0.5	10.0	690	V	8		33	5	39
HPB4	0.5	Max. per Pillar	550	N/A	2	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

- Unparalleled strength at 50% less weight than traditional Glass Reinforced Polyester enclosures
- Complete IP66/67 and 4X protection
- External mounting feet eliminate the need to remove the lid when mounting or removing the enclosure from a wall or other surface.
- Dropped lid design makes installation and inspection easier than ever before
- Earth Continuity Plate is available in Zintec or Brass
- Wide operating temperature

Technical Data

Ingress Protection	IP66 IP67 to IEC/EC 60529
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	Baseefa14ATEX0268X (PL514) Baseefa14ATEX0248U (ZPL514)
IECEX Certificate Number	IECEX BAS 14.0123X (PL514) IECEX BAS 14.0120U (ZPL514)
UKEX Certificate Number	BAS21UKEX0032X (PL514) BAS21UKEX0033U (ZPL514)
Construction & Test Standards	IEC/EN 60079-0, IEC/EN 60079-7 and IEC/EN 60079-31
Marine Approvals	ABS: 17-LD1653735-PDA Bureau Veritas: 43523/A1
Additional Certifications	EAC: RU C-GB.HA91.B.00260/21 Inmetro: IEx 16.0143X PESO: P457331
NEC/CEC	
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

Maximum Quantity of Entries Per Face

Thread Size	M16	M20	M25	M32	M40	M50	M63	M75
Face B/D	2	2	1	-	-	-	-	-
Face C	6	6	2	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.

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