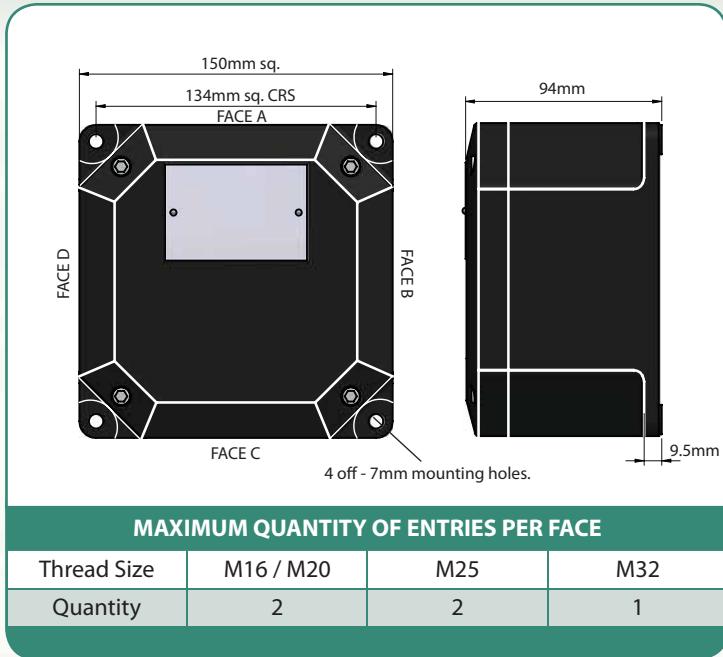


# PL Series GRP Enclosures

# Enclosure Type: PL615

## Glass Reinforced Polyester

Increased Safety Exe Dual Certified ATEX / IECEx



Optional: Earth Continuity Plate.

### Technical Data

- Increased Safety Ⓜ II 2 GD Exe II ExtD.
- PL615 Certificate No's: Baseefa06ATEX0117X and IECEx BAS 06.0028X.
- ZPL615 Certificate No's: Baseefa06ATEX0116U and IECEx BAS 06.0027U.
- Suitable for use in Zone 1, Zone 2, Zone 21 and Zone 22
- Construction and Test Standards: IEC/EN 60079-0, IEC/EN 60079-7, IEC/EN 61241-0 and IEC/EN 61241-1.
- Ingress Protection: IP66 and IP67 to IEC/EN 60529.
- Deluge Protection to DTS01.
- Operating Temperature Range: -60°C to +75°C.
- Temperature Class and Ambient: T6 40°C, optional T5 with ambients up to 65°C.
- PL615 Assembly Instruction Sheet: AI 273.
- ZPL615 Assembly Instruction Sheet: AI 273.
- Alternative certification options available:

- Exe II
- AExe II / Exe II
- GOST R-Exe IIU
- GOST K- Approved for use in Kazakhstan

For full technical specification, see Page 16

TERMINAL CAPACITY								
Terminal Type	Conductor Size (mm <sup>2</sup> )		Max. Volts	Max. Physical Terminal Content		Reduced Terminal Content at Max. Terminal Amps		
	Min.	Max.		Terminal Qty.	Amps	Terminal Qty.	Amps	
WDU 2.5	0.5	2.5	550	14	16	13	17	
WDU 4	0.5	4	690	12	21	11	22	
WDU 6	0.5	6	550	9	29	9	29	
WDU 10	1.5	10	550	7	40	7	40	
WDU 16	1.5	16	690	6	53	6	53	
HTB 6	0.5	Max. per Pillar	550	1	Conductor Size mm <sup>2</sup>	Max. Amps per Pillar	N/A	N/A
		2 x 10mm <sup>2</sup>			0.5	1		
		3 x 6mm <sup>2</sup>			0.75	1		
		4 x 4mm <sup>2</sup>			1	8		
		4 x 0.5mm <sup>2</sup> Min.			1.5	10		
		See certificate for more options			2.5	15		
					4	21		
	6	26						
	10	37						

Notes: For Junction Box Wattage Factor and Combined Terminal Resistance, see Pages 43 & 44  
 An earth terminal equal to that of the largest power terminal will be fitted.  
 The terminals listed are restricted to a minimum operating temperature of -50°C.