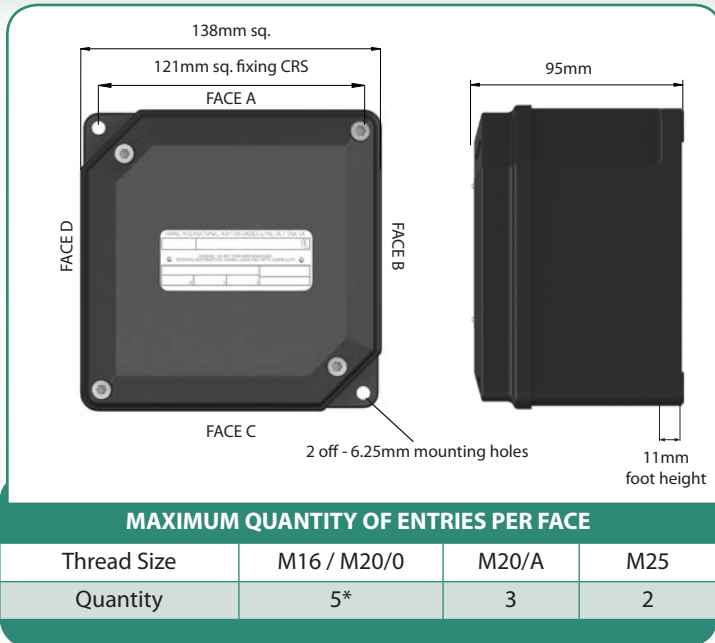


# Enclosure Type: PL513

## Glass Reinforced Plastic

Increased Safety Exe Dual Certified ATEX / IECEx

# PL Series GRP Enclosures



### Technical Data

- Increased Safety Ⓜ II 2 GD Exe IIC Gb, Extb IIIC Db.
- PL513 Certificate No's: Baseefa14ATEX0268X and IECEx BAS 14.0123X.
- ZPL513 Certificate No's: Baseefa14ATEX0248U and IECEx BAS 14.0120U.
- 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 and IEC/EN 60079-31.
- Ingress Protection: IP66 to IEC/EN 60529.
- Operating Temperature Range:  
-30°C to +75°C Normal impact.  
-60°C to +75°C Low impact risk.
- Temperature Class and Ambient: T6 40°C, optional T5 with ambients up to 65°C.
- PL513 Assembly Instruction Sheet: AI 260.
- ZPL513 Assembly Instruction Sheet: AI 261.

Optional: Earth Continuity Plate.

\* No Serrated Washer.

\* Max across corners = 27.5mm

\* No Shroud Permitted.

### 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 2.5N	0.5	2.5	420	19	11	8	17	
WDU 2.5	0.5	2.5	550	19	11	8	17	
WDU 4	0.5	4	690	16	15	7	22	
WDU 6	0.5	6	550	12	20	5	29	
WDU 10	1.5	10	550	9	29	4	40	
		Max. per Pillar			Conductor Size mm <sup>2</sup>	Max. Amps per Pillar		
HTB 6	0.5	2 x 10mm <sup>2</sup> 3 x 6mm <sup>2</sup> 4 x 4mm <sup>2</sup> 4 x 0.5mm <sup>2</sup> Min. See certificate for more options	550	1	0.5 0.75 1 1.5 2.5 4 6 10	1 1 8 10 15 21 26 37	N/A	N/A

Notes: For Junction Box Wattage Factor and Combined Terminal Resistance, see catalogue.

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.

Max number of terminals may reduce number of holes allowed.