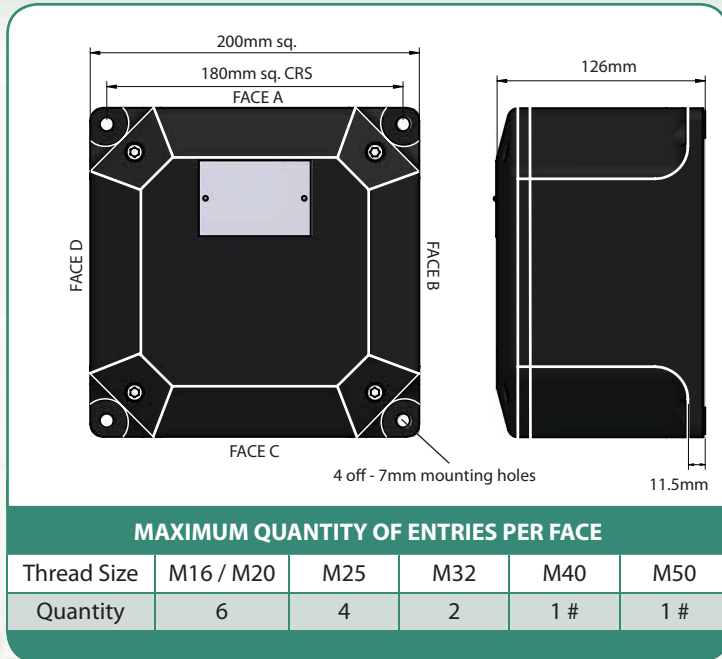


Enclosure Type: PL620

Glass Reinforced Polyester

Increased Safety Exe Dual Certified ATEX / IECEx

PL Series GRP Enclosures



Not possible with an Earth Continuity Plate.
Optional: Earth Continuity Plate.

Technical Data

- Increased Safety Ⓢ II 2 GD Exe II ExtD.
- PL620 Certificate No's: Baseefa06ATEX0117X and IECEx BAS 06.0028X.
- ZPL620 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.
- PL620 Assembly Instruction Sheet: AI 273.
- ZPL620 Assembly Instruction Sheet: AI 272.
- 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 ²) | | 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 | 24 | 15 | 18 | 17 |
| WDU 4 | 0.5 | 4 | 690 | 20 | 20 | 16 | 22 |
| WDU 6 | 0.5 | 6 | 550 | 15 | 27 | 12 | 29 |
| WDU 10 | 1.5 | 10 | 550 | 12 | 38 | 10 | 40 |
| WDU 16 | 1.5 | 16 | 690 | 9 | 53 | 9 | 53 |
| WDU 35 | 2.5 | 35 | 690 | 6 | 87 | 6 | 87 |
| WDU 50N | 6 | 50 | 690 | 5 | 88 | 5 | 88 |
| WDU 70 | 10 | 70 | 690 | 4 | 134 | 4 | 134 |

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.