

Enclosure Type: PL712

Glass Reinforced Polyester

Increased Safety Exe Dual Certified ATEX / IECEx

PL Series GRP Enclosures

MAXIMUM QUANTITY OF ENTRIES PER FACE		
Thread Size	M16 / M20	M25
Quantity	2	1

Optional: Earth Continuity Plate.

Technical Data

- Increased Safety Ⓢ II 2 GD Exe IIC Gb, Extb IIIC Db.
- PL712 Certificate No's: Baseefa08ATEX0272X and IECEx BAS 08.0091X.
- ZPL712 Certificate No's: Baseefa08ATEX0271U and IECEx BAS 08.0090U.
- 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 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.
- PL712 Assembly Instruction Sheet: AI 285.
- ZPL712 Assembly Instruction Sheet: AI 286.
- Alternative certification options available:

- 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 2.5N	0.5	2.5	420	12	14	8	17	
WDU 2.5	0.5	2.5	550	10	15	8	17	
WDU 4	0.5	4	690	10	18	7	22	
WDU 6	0.5	6	550	7	25	5	29	
WDU 10	1.5	10	550	6	34	4	40	
BK 6	1	4	275	1	20	N/A	N/A	
MK 6/6	1	6	420	1	26	N/A	N/A	
		Max. per Pillar			Conductor Size mm ²	Max. Amps per Pillar		
HTB 6	0.5	2 x 10mm ² 3 x 6mm ² 4 x 4mm ² 4 x 0.5mm ² 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 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.