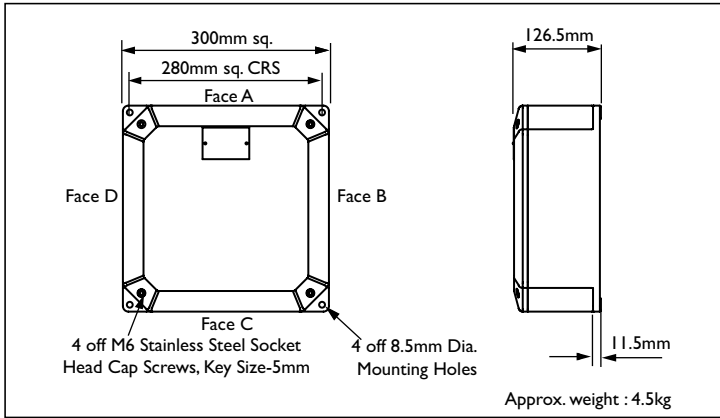




# Enclosure Type Glass Reinforced Polyester PL630 Increased Safety EExe

PL6 Series GRP Enclosures



## Technical Data

- Increased Safety EExe.  $\text{Ex}$  II 2 GD EExe II.
- PL630 BASEEFA Certificate No. BAS 01 ATEX 2107X.
- ZPL630 BASEEFA Certificate No. BAS 01 ATEX 2101U.
- Suitable for use in Zone 1, Zone 2, Zone 21 & Zone 22.
- Construction and test standards EN 50014, EN 50019 and EN 50281-1-1. IEC 60079-0 and IEC 60079-7.
- IP66 and IP67 ingress protection to IEC 60529 and EN 60529.
- DTS01 deluge protection witnessed by EECS.
- Operating temperature range -60°C to +75°C.
- Temperature Class and Ambient T6 40°C. Optional T5 with ambients up to 65°C.
- Assembly instruction data sheet No. A.I. 273. For PL630.
- Assembly instruction data sheet No. A.I. 272. For ZPL630.
- Alternative Certification Options Available.
  - Exe II.
  - cUL US AExe II/Exe II.

MAXIMUM QUANTITY OF ENTRIES PER FACE							
Thread Size	M16/M20	M25	M32	M40	M50	M63	M75
Quantity	10	8	3	3	2	2	1

**Note:** For Cable Entry Positions see page 12.

**For full Technical Specification see page 13.**

TERMINAL CAPACITY DATA							
Terminal Type	Conductor Size (mm <sup>2</sup> )		Max. Volts	Max. Physical Terminal Content		Reduced Terminal Content at Max. Terminal Amps	
	Min.	Max.		Terminal Quantity	Amps	Terminal Quantity	Amps
WDU 2.5	0.5	2.5	550	76	9	16	21
WDU 4	0.5	4	750	64	13	14	28
WDU 6	0.5	6	550	48	18	13	36
WDU 10	1.5	10	550	36	27	11	50
WDU 16	1.5	16	550	30	38	10	66
WDU 35	2.5	35	750	22	65	7	109
WDU 70N	10	70	750	11	113	5	167

**Notes:** For Junction Box Wattage Factor & Combined Terminal Resistance see pages 37 - 39.  
An earth terminal equal to that of the largest power terminal will be fitted.