



Small
Volume



Compact
Structure



High Performance
Materials



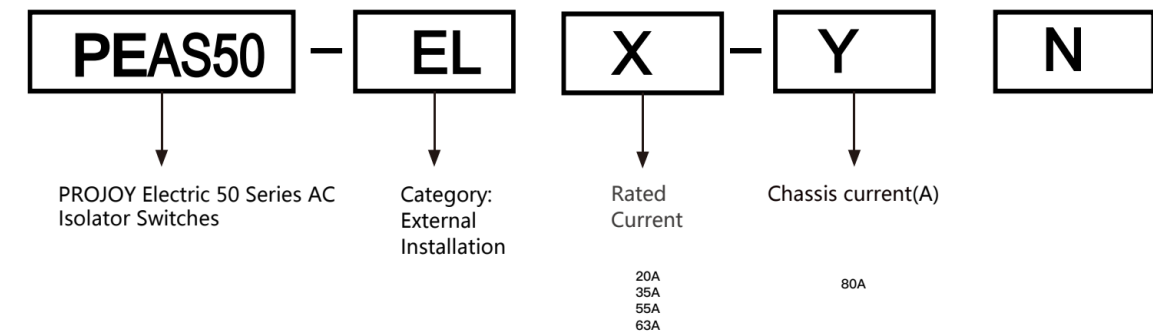
Good Insulation
Performance



Safe and Reliable

CE UK CA ()

Specifications

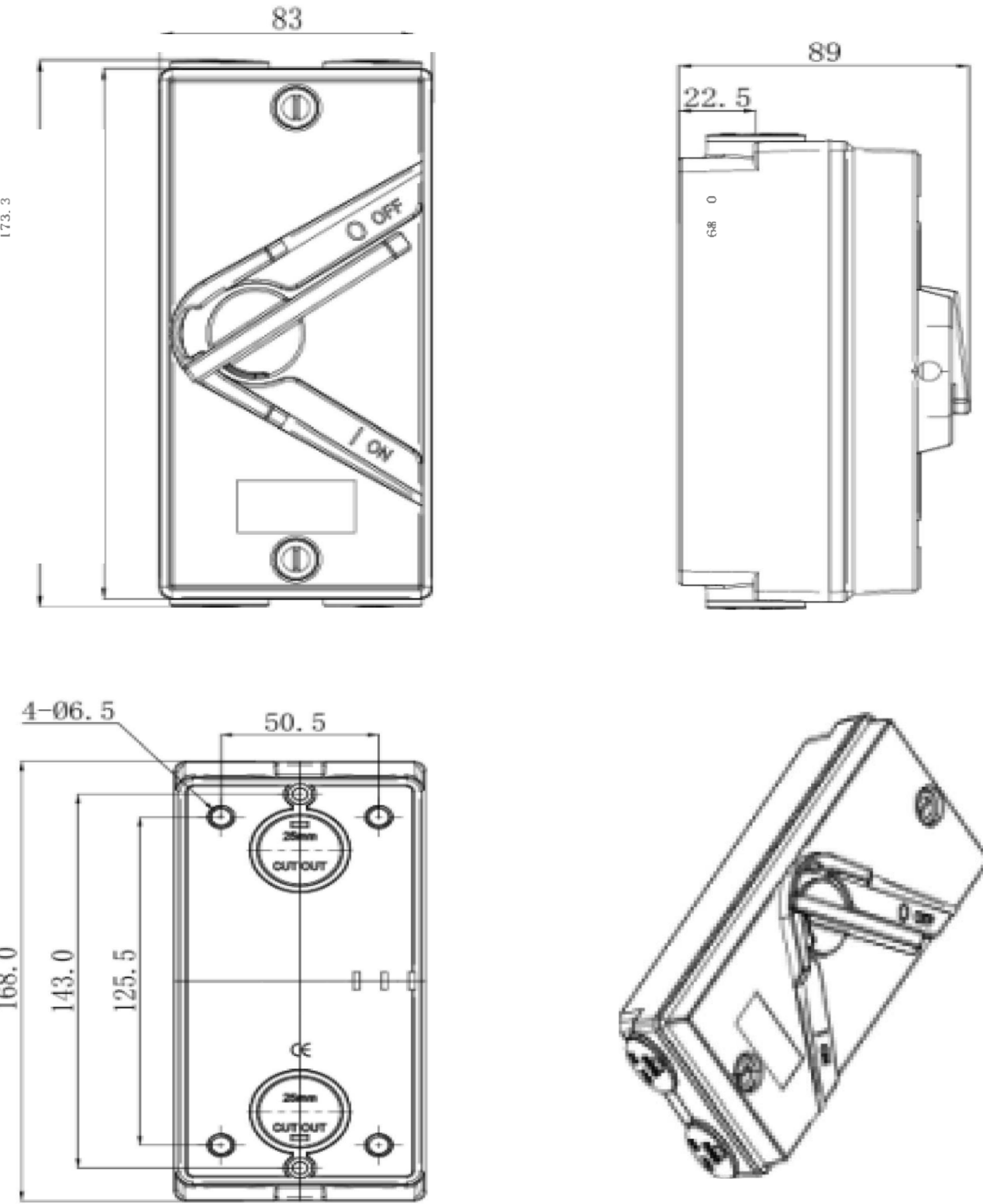


Working conditions

- The ambient air temperature shall not exceed +40 °C, and the average temperature within 24h shall not exceed +35 °C;
- The lower limit of ambient air humidity shall not exceed - 25 °C;
- The altitude of the installation site shall not exceed 2000m;
- The maximum temperature is 40 °C, the relative humidity of the air is not exceed 50%. Higher relative humidity can be allowed at lower temperatures, such as 90% at 20 °C. Special measures shall be taken for occasional condensation caused by temperature change.

According to GB/T 14048.3															
Pole	1 P			2 P				3 P				4 P			
Pole/Chassis current(A)	1P/20A	1P/35A	1P/55A	2P/20A	2P/35A	2P/55A	2P/63A	3P/20A	3P/35A	3P/55A	3P/63A	4P/20A	4P/35A	4P/55A	4P/63A
Rated Working voltage Ue (50Hz)	AC250V			AC440V				AC440V				AC440V			
Rated Insulation Voltage Ui (约 50 Hz)	500V														
Rated thermal current Ith	20A	35A	55A	20A	35A	55A	63A	20A	35A	55A	63A	20A	35A	55A	63A
Nominal short-time withstand current (20Ie)	1kA/1s														
Rated Impulse Withstand Voltage Uimp (千伏)	4.0kV														
Rated short-circuit breaking capacity Icm	1.41kA														
Determine the rated power according to the GB/T 14048.3 standard.															
AC23A (Rated voltage: 250V~) (Rated Current: A)	20A	35A	55A	—	—	—	—	—	—	—	—	—	—	—	—
Rated voltage: 440V~) (Current: A)	—	—	—	20A	35A	55A	63A	20A	35A	55A	63A	20A	35A	55A	63A
Service rating (Pe) (kW)	2.9kW	5.1kW	8.1kW	8.9kW	15.7kW	24.7kW	28.0kW	8.9kW	15.7kW	24.7kW	28.0kW	8.9kW	15.7kW	24.7kW	28.0kW
(HP)	3.9HP	6.9HP	11HP	11.9HP	21.4HP	33.6HP	37.6HP	11.9HP	21.4HP	33.6HP	37.6HP	11.9HP	21.4HP	33.6HP	37.6HP
Rated operating load	Uninterrupted duty														
IP Ingress Protection	IP65														
Terminal Torque - Recommended Value (Nm)	2.5Nm														
Min terminal capacity (mm²)	2.5	4	10	2.5	4	10	16.0	2.5	4	10	16.0	2.5	4	10	16.0
Max terminal capacity (mm²)	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Recommended thread torque value for cover plates (Nm)	0.6Nm														
G/N terminal torque - Recommended value (Nm)	2.0Nm														
Terminal hole (diameter and cross-sectional area))	The 7.6 mm specification is suitable for a cross-sectional area of 25 mm².														
Terminal junction box-mounted ground/neutral conductor (diameter and cross-sectional area)	The 6.3 mm specification is suitable for a cross-sectional area of 16 mm².														
Pollution Degree	3														
Locking latch dimensions	6.5Millimeter-sized hanging lock pin														

Dimensions



Usage Instructions for Installation

- Insulation testing is conducted in accordance with the AS 60947.3 standard.
- The PEAS50 series large enclosures are equipped with two 25 mm threaded interfaces at both the top and bottom.
- The internal disconnecting switch module employs a base-mounted installation method, providing a stable platform for wiring.
- An example of the internal module is shown in the figure. For further details regarding the switch, please refer to the table on the next page. The packaging cover is equipped with a cutting template to facilitate precise marking. UV-stable. Color: Grey

Combination head screw
Terminal block grounding and neutral terminal screw assembly
When installing the positioning sleeve on the switch housing guide rail, insert the screwdriver into the terminal screw to prevent the screwdriver tip from accidentally protruding.
The terminal holes provide ample wiring space (see table for specific dimensions).
Padlock

