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PROJOY SERIES

PV Electrical Boxes



PEDB Series AC Distribution Box

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(A款)

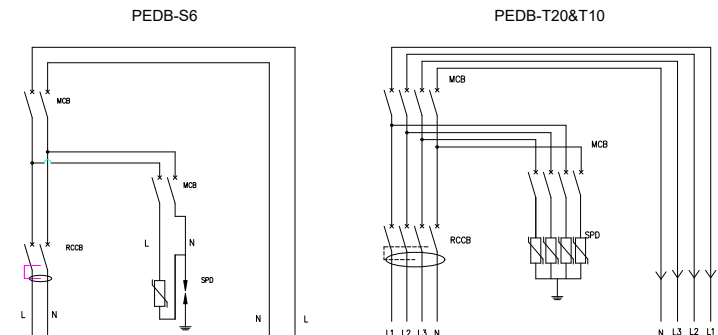


(B款)

Features

- Suitable for PV system, equipped with an AC breaker, an AC surge protector and an RCCB, providing isolation, leakage and grounding protection.
- Enclosures are made of polycarbonate (PC) materials. IK08 high impact-resistance and light enough to easily carry. IP65 rating for outdoor installation, resisting UV radiation, water, dust, reducing corrosion.
- Through transparency cover, you can observe interior mechanism directly.
- Reliable components, with TUV, CE certificated, in accordance with IEC standard.
- IP68 cable connector. Waterproof cable connector are optional.

Diagram



Technical Data

General Data				
Model	PEDB-S3	PEDB-S6	PEDB-T10	PEDB-T20
Nominal Voltage	230 VAC	230 VAC	400 VAC	400 VAC
Nominal Current	16 A	32A	20A	40A
Nominal Frequency	50 / 60 Hz			
Enclosure				
Material Type	PC+ABS			
Ingress Protection Rating	IP65			
Impact Protection Rating	IK10			
Poles	8P	8P	18P	18P
Input Cable Specification	4 mm ²	6 mm ²	4 mm ²	6 mm ²
Output Cable Specification	4 mm ²	6 mm ²	4 mm ²	6 mm ²
AC MCB				
Poles	1P+N	1P+N	4P	4P
Nominal Current	16 A	32A	20 A	40 A
Nominal Voltage	230 VAC	230 VAC	400 VAC	400 VAC
Breaking Capacity	4.5kA	4.5kA	6kA	6kA
Certification	CE			
AC SPD				
Nominal Voltage	275 VAC	275 VAC	440 VAC	440 VAC
Max. Discharge Current	40 kA			
Poles	1P+N		4P	
Certification	CE			
AC RCCB				
Poles	2P	2P	4P	4P
Nominal Current	25A	40A	40A	40A
Nominal Voltage	230V	230V	400V	400V
Type	AC (A Optional)			
Residual current	30mA (100mA/300mA Optional)			
Certification	CE			
Environment				
Operating Temperature	-20 °C to +60 °C			
Humidity	99%			
Altitude	2000 m			
Installation	Wall Mounting			