

PEDB Series
AC Distribution Box

PEJB Series
DC Junction Box

PROJOY
electric
– Switch To Safety! –

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– Switch To Safety! –



High Craftsmanship AND High Standards



Small
volume



Flame
retardant
material



Accurate



Visual



Full-Featured



Remote Communication
Support

Technical data

General Data			
Model	PEJB-1-1	PEJB-2-1	PEJB-3-1
Input	1 String	2 String	3 String
Output	1 String		
Max. Voltage	1000 V		
Max. Output Current	32A		
Enclosure			
Material Type	PC+ABS		
Ingress Protection Rating	IP65		
Impact Protection Rating	IK10		
Poles	8P	12P	18P
DC Input Cable Specification	4 mm ²	4 mm ²	4 mm ²
DC Output Cable Specification	4 mm ²	4 mm ²	6 mm ²
DC Surge Arrester			
Max. Operation Voltage	1000 V		
Max. Discharge Current	40 kA		
Poles	3P		
Certification	CE,TUV		
DC Disconnecter			
Nominal Insulation Voltage	1000 V		
Nominal Current	32A		
Category	DC-PV1/DC-PV2		
Standard	IEC/EN 60947-3		
Certification	CE,TUV,SAA,CB		
DC Fuse			
Nominal Operating Voltage	1000 V		
Nominal Current	15A		
Dimension	φ10 * 38 mm		
Certification	CE		
Operating Temperature	-20 °C to +60 °C		
Humidity	99%		
Altitude	2000m (Derating over 2000m)		
Installation	Wall Mounting		

Technical data

General Data			
Model	PEJB-2-2	PEJB-4-2	PEJB-6-2
Input	2 String	4 String	6 String
Output	2 String		
Max. Voltage	1000 V		
Max. Output Current	32A		
Enclosure			
Material Type	PC+ABS		
Ingress Protection Rating	IP65		
Impact Protection Rating	IK10		
Poles	18P	36P	36P
DC Input Cable Specification	4 mm ²	4 mm ²	4 mm ²
DC Output Cable Specification	4 mm ²	4 mm ²	6 mm ²
DC Surge Arrester			
Max. Operation Voltage	1000 V		
Max. Discharge Current	40 kA		
Poles	3P		
Certification	CE,TUV		

DC Disconnect	
Nominal Insulation Voltage	1000 V
Nominal Current	32A
Category	DC-PV1/DC-PV2
Standard	IEC/EN 60947-3
Certification	CE,TUV,SAA,CB
DC Fuse	
Nominal Operating Voltage	1000 V
Nominal Current	15A
Dimension	φ10 * 38 mm
Certification	CE
Environment	
Operating Temperature	-20 °C to +60 °C
Humidity	99%
Altitude	2000m
Installation	Wall Mounting

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			

Dimensions

