

Photovoltaic DC Solutions

YCX8-IF Solar DC Fuse Box



General

Isolation boxes are most commonly used in three-string solar home or small business systems. The UV-resistant and fire-resistant PC case protects the DC components from sunlight and water ingress, and the box lid is lockable. Included in the box are six DIN rail mounted DC switches, up to 40A per IEC 60947.3 and AS60947.3 PV2, with lockable handles for safe use and maintenance.

Features

- IP65;
- 3ms arc suppression;
- Lockable in closed position;
- Fuses with overcurrent protection.

Technical Parameters

Model	YCX8-IF III 32/32
Input/Output	III
Maximum voltage	1000VDC
Maximum DC short-circuit current per input (Isc)	15A(Adjustable)
Maximum output current	32A
Shell frame	
Material	Polycarbonate/ABS
Protection degree	IP65
Impact resistance	IK10
Dimension(width×height×depth)	381*230*110
Configuration (recommended)	
Photovoltaic isolation switch	YCISC-32PV 4 DC1000
Photovoltaic fuse	YCF8-32HPV
Use environment	
Working temperature	-20°C~+60°C
Humidity	0.99
Altitude	2000m
Installation	Wall mounting
Wiring diagram	

Wiring diagram

