

## Photovoltaic DC Solutions

### YCX8-I Solar DC Switch Box



#### General

Isolation boxes are most commonly used in two way / three way / four way / six way solar home roof 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 two 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.

#### Technical data

Model	YCX8-I 2/2 32/32	YCX8-I 4/4 32/32
Input/Output	2/2	4/4
Maximum voltage	1000V	
Maximum input current	32A(Adjustable)	
Maximum output current	32A	
<b>Shell frame</b>		
Material	Polycarbonate/ABS	
Protection degree	IP65	
Impact resistance	IK10	
Dimension(width×height×depth)	219*200*100mm	
DC isolation switch	YCISC-32PV 2 DC1000	YCISC-32PV 4 DC1000
Rated insulation volatge(Ui)	1000V	
Rated current(Ie)	32A	
Use category	DC-21B/DC-PV2	
Standard	IEC 60947-3	
Certifications	UL, TUV, KEMA, SAA, CE	
<b>Use environment</b>		
Working temperature	-20°C~+60°C	
Humidity	0.99	
Altitude	2000m	
Installation	Wall mounting	

#### Wiring diagram

