

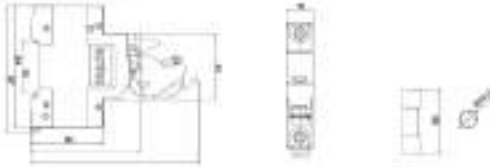
MODEL MEANING



FUNCTION AND SCOPE OF APPLICATION

This series of fused switch-disconnectors is a fuse holder specifically designed for the photovoltaic industry. This series of products can incorporate fuses and is used for overcurrent protection in main circuits and equipment with a rated voltage not exceeding DC 1000V, a rated current not exceeding 30A, and a rated short-circuit capacity not exceeding 30KA. Mainly used in energy storage systems, solar photovoltaic maintenance boxes, as short-circuit and overload protection for solar photovoltaic power generation devices, batteries and other semiconductor equipment.

DIMENSIONS (MM)



DC FUSE

v102-02



TECHNICAL PARAMETERS

V102-02 (Rated Voltage: 1000VDC)	
Reference reference	SC42400011 + SC202400011
Rated insulation voltage (Ui)	1000V
Rated operating voltage (Ue)	DC 1000V
Rated operating current (In)	15, 20A
Insulation withstand voltage (Uim)	50kV
Rated expected disconnector power	480V
Number of poles	1P
Rated break short-circuit current	20KA
Rated full load size	40x20mm
Insulation class	PII
Use category	PII
Installation Method	25mm DIN rail
Wiring support	1.5mm ²
Wiring screw/terminal block screw	M3 / M3.5mm
Support rail length	75mm



V102-02 (Rated Voltage: 1000VDC)	
Reference reference	SC42400011 + SC202400011
Rated insulation voltage (Ui)	1000V
Rated operating voltage (Ue)	DC 1000V
Rated operating current (In)	5A, 6A, 10A, 15A, 20A, 25A, 30A, 32A
Rated expected disconnector power	480V
Rated break short-circuit current	20KA
Rated full load size	40x20mm
Use category	PII



NORMAL USE AND INSTALLATION CONDITIONS

- Operating temperature: 0°C ~ +40°C
- Altitude: ≤ 2,000m
- Pollution degree: Level 3
- Insulation category: Class II, Class III
- Installation method: Installed on the standard guide rail, the standard guide rail should meet the requirements of IEC 61851-7-2 type B, IEC61851-7-2.
- The product should generally be installed vertically, and there should be no significant shock and vibration of the installation place.

