suntree

SM8HPV Series Specializing In PV Solar Moulded Case Circuit Breaker

suntree

SM8HPV Series Specializing In PV Solar Moulded Case Circuit Breaker





Operation Manual

SM8HPV

Series Specializing In PV Solar Moulded Case Circuit Breaker

Suntree Electric GroupCo. ,L td

With the development of solar industry, the large solar power factor developed better and faster. People have higher request about th apability of the equipment which is applied for controlling and circu rotection. Then, it is a new requirement for the low voltage components t this case, Suntree researched and developed a new SM8-250HPV series oulded case circuit breaker which is specializing in photovoltaic solar

reaker (referred as circuit breaker as following) are using in DC power rid system, Ue 1000VDC, 1250VDC, 1500VDC, In 100A-630A. The circu reaker are with the protection function of instantaneous short circuit and e damage of over load and short circuit, etc.

The circuit breaker are comply a standard as following: IEC 60947-1 (Low Voltage switch component and Control eq

first part: General Rule)

second part:Circuit Breaker)

Normal Working Conditions

2.1 Installation altitude under 2000meters high

2.2 Working temperature -5°C= +50°C (temperature over 50°C,

2.3 Air Condition: when the temperature is 40° C, the humidity of air should not over 50%, the lower temperature, higher humidity allowed, such as 20° C, 90% humidity allowed but do no forget the water on the surface

- netic in any direction.
- 2.7 Installation in the medium without any explosion risk, without air that can corrode the metal inside or cause damage to the insula
 2.8 Without the erode for the wind and snow
- 2.9 Installation Condition:

2.5 Installation Type: III

- B. The product should in the place where without obv

3、	Model Exp	lain:				
	S	M8	250	H	PV /	2
	Company Code	Design Number	AF:250 AF:630	H:high voltage	Specializing for Solar PV	Pole: 2:2P Blank:3F Blank:4P
	00	± 250A	+ DC100	00V		

















