

FDS-32

Solar DC FUSE

A range of 10x38mm fuse links specifically designed for protecting photovoltaic strings. These fuse links are capable of interrupting low overcurrents associated with faulted photovoltaic string arrays (reverse current, multi-array fault).



Structural Characteristics

- According to EN60269-1
- Rated current: 1-32A
- Rated voltage: DC 1000V
- Rated breaking capacity:DC 20KA
- Operating class gPV for Solar protection

Specifications

Model	FDS-32
Pole	1P
Rated Voltage Ue (V DC)	1000
Rated Current In (A)	1,2,3,4,5,6,8,10,12,15,20,25,30,32
Biggest Block Ability (KA)	20
The Most High Power Consumption (W)	3.5

Connection and Installation

Connection (mm2)	2.5-10
Working Temperature	-30℃ ~ +70℃
Resistance And Damp Hot	Class 2
Altitude (m)	≤ 2000
Relative Humidity	95%
Protection Class/Degree	IP20
Pollution	3
Installation Environment	No obvious shock and vibration
Installation Class/Type	Class III/DIN rail

Size (mm)

Size/Dimension(mm)		
WxHxL	W	18
	H	60
	L	78
Fuse Size	10×38	
Fuse Link Weight(kg)	0.011	
Fuse holder weight(kg)	0.07	

Structural Characteristics

- Photovoltaic system fuse accord with EN 60269-1:2007+A1+A2.
- Photovoltaic battery dc fuse designed to used for photovoltaic (PV) system.
- Main effect is to protect the solar panels. Solar panels points in effective condition is broken.
- Fault light cells break points at the same time, does not affect other normal work of light from the stack.
- Technical Data Rated coltage: DC1000V
- Breaking capacity: 20KA
- Function level: PV.

Dimensions

