

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 (mm ²)	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

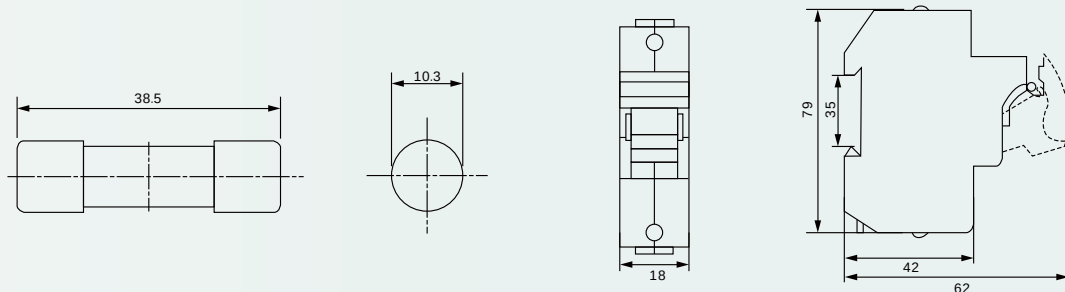
Size (mm)

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

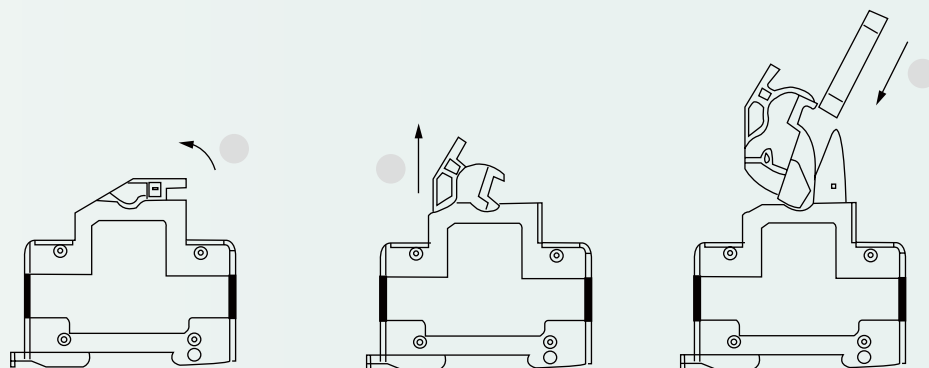
Structural Characteristics

- 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



Installation



Characteristic Curve

