

# CFPV-32 Solar DC Fuse

### **Application**

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 IEC60269-6
  - □ Rated current: 1-32A
  - □ Rated voltage: DC 1000V
  - □ Interrupting capacity: DC20kA
  - □ Operating class gPV for Solar protection

### **Specification**

	1
Pole	1P
Rated Voltage Ue (V DC)	1000
Rated Current In (A)	1, 2, 3, 4, 5, 6, 8, 10, 12,16, 20, 25, 32

### **Connection and Installation**

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

# Size(mm)

W*H*L	18x60x80
Fuse Size	10x38
Weight (kg)	0.07





#### **PV Fuse Description**

- □ Photovoltaic system fuse accord with UL248-1standard.
- □ 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(mm)**



### Installation



## **Characteristic Curve**

