

FHDS

Solar DC 1500V FUSE

A range of 10x85mm PV fuses specifically designed for protecting and isolating photovoltaic strings. These fuse links are capable of interrupting low overcurrents associated with faulted PV systems (reverse current, multi-array fault). Available in four mounting styles for application flexibility.



Connection and Installation

| | |
|-------------------------------|--------------------------------|
| Connection (mm ²) | 2.5-10 |
| Working Temperature | -30°C ~ +70°C |
| 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 |

PV Fuse Features

- Specifically designed to provide fast-acting protection under low fault current conditions associated with PV systems.
- Variety of mounting options for flexibility.
- Fuses meet IEC photovoltaic standards for global product acceptance.
- Low watts loss for greater PV system efficiency.
- Low heat rise permits more precise sizing.
- In-line crimp terminal version is easy to apply in wire harness construction.

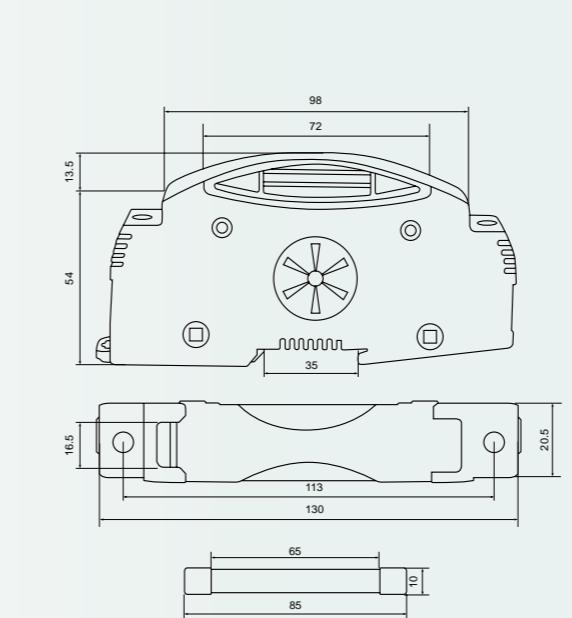
Structural Characteristics

- According to IEC60269-6
- Rated current: 1-35A
- Rated voltage: DC 1500V
- Rated breaking capacity: DC 20kA
- Operating class gPV for Solar protection

Specifications

| | |
|----------------------------|---------------------------------------|
| Model | FHDS |
| Pole | 1P |
| Rated Voltage Ue (V DC) | 1000 |
| Rated Current In (A) | 1,2,3,4,5,6,8,10,12,15,20,25,30,32,35 |
| Biggest Block Ability (KA) | 20 |

Dimensions



Characteristic Curve

