

Arc Fault Protective

AFDD Arc Fault Protective

Scope of application

ADDF-32 incorporating MCB and arc fault detection module, provides protection against short circuit, overload, leakage current and arc fault. Arc fault module detects arc fault, which enables the product effectively disconnect the protected circuit.



Application

ADDF-32 is suitable for AC circuits rated up to 32A and is widely used in household and similar equipment. The arc fault detection module of ADDF-32 can effectively detect and identify arc faults that occur on different circuits in series, parallel and grounding, due to insulation failure because of aging, damage or high humidity. When an arc fault is detected, the product trips and cuts off the protected circuit.

Technical Parameter

Rated voltage	Rated frequency	Rated Insulation voltage (Ui)	Rated impulse withstand voltage (Uimp)	Rated current (In)
AC230V	50Hz±2%	400V	4KV	6A、10A、16A、20A、25A、32A
Magnetic trip classification	Rated working short circuit capacity (Ics)	Rated short circuit capacity (Icn)	Insulation material classification	Grid length (mm)
B、C	6KA	6KA	IIIa	40

Classification

Classification by rated current	6A、10A、16A、20A、25A、32A	Classification by magnetic trip	B和C
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Normal Operating Conditions

The ambient temperature is 5°C or +40°C, and the daily average maximum temperature is +35°C.
Relative humidity: 50% maximum at 40°C, 90% maximum at 20°C