

Arc Fault Protective

AFDD2 Arc Fault Protective

Scope of application

ADDF2-40 series arc fault protector protects the line from overload and short circuit, and also acts as indirect contact protection and direct contact backup protection for people. The arc fault protection unit of the protector can detect and identify the series arc fault in the line, Parallel arc fault and ground arc fault.



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, 40A
Magnetic trip classification	Rated working short circuit capacity (Ics)	Rated residual operating current (I Δ n)	Operating characteristics when residual current with DC component	Grid length (mm)
B, C	6KA	30mA	AC, A type	40

Classification

Classification by rated current	6A, 10A, 16A, 20A, 25A, 32A, 40A	Classification by magnetic trip	B, 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