0.03A、0.1A、0.3A
Rated residual action current

Type B RCBO

IEC/EN 61009-1, IEC/EN 62423, GB/T 22794, GB/T 16917.1.

GYR9NE-F/B







The GYR9NE-F/B Residual Current Operated Circuit Breaker is suitable for circuits with an AC frequency of 50/60Hz, rated voltage up to 240V, and rated current up to 40A. It is designed to detect AC leakage, pulsating DC leakage, smooth DC leakage, composite waveform leakage, and high-frequency leakage up to 1kHz.
The device can rapidly cut off faulty power within an extremely short time to protect personal safety and electrical equipment. It also serves as overload and short-circuit protection for circuits, as well as for infrequent switching operations under normal conditions.
This circuit breaker is suitable for various applications, including industrial, commercial, high-rise buildings, and residential use.

- Equipped with AC leakage, pulsating DC leakage, smooth DC leakage, composite wave leakage, and high-frequency leakage protection devices up to 1kHz - with complete protection functions
- The product has a leakage control handle opening function
- Wiring capacity: (1-25) mm^2
- Compliant with environmental RoHS 2.0
- F-type:
- Type B:

Product Model And Implication

GYR9	N	E	-B
Product model			
AFDD	Integral type	Electronic	Residual current action type: Type B

Residual leakage current breaking time

Rated current In(A)	Rated residual action current I△n(mA)	Residual current breaking time (s)				
		I△n	2I△n	5I△n	5A~200A	500A
6~40	30、100、300	≤0.1	≤0.08	≤0.04	≤0.04	≤0.04

Technical Specification

Rated Voltage (Un)	230/240V、240/415V
Rated Current (In)	6A、10A、16A、20A、25A、32A、40A
Rated insulation voltage (Ui)	500V
Rated impact tolerance voltage (Uimp)	4kV
Rated residual action current (I△n)	0.03A
Poles	1P+N
Residual current action type	Type F、Type B
Working Frequency	50/60Hz
Rated limit short circuit current (Inc)	6000A
Rated limit Remaining short circuit current (I△c)	6000A
Rated on and off capacity (Im)	500A
Rated residual switching and breaking capacity (I△m)	500A
Tightening moment:	2.0N·m
Class of protection:	IP20
Trip Curve	B、C、D
Installation	TH35-7.5 standard guide rail
Mechanical life	20000 times
Electrical life	4000 times

Outline Overall And Installing Dimensions

