GEYA®
ZHEJIANG GEYA ELECTRICAL CO.,LTD

GYR9N
RCBO

GYR9N
RCBO

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

RCBO
IEC/EN 61009-1、GB/T 16917.1

CE CB SAA

GYR9N

GYR9N residual current operated circuit breaker is suitable for AC 50/60Hz, rated voltage up to 415V, and rated current up to 40A lines. When a person is electrocuted or the leakage current of the power grid exceeds the specified value, the circuit breaker can quickly cut off the faulty power supply in a very short time, protecting the safety of people and electrical equipment. It can also be used for overload and short circuit protection of the line, and for infrequent on-off operation under normal circumstances.

Circuit breakers are suitable for various occasions such as industrial, commercial, high-rise, and residential use.

- RoHS 2.0 compliant
- With leakage fault indication
- Wiring Capacity 1-25mm^2

▶ 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、0.1A、0.3A
◀ Poles	1P+N、3P+N
◀ Residual current action type	Type A、Type AC
◀ 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
◀ Mechanical life:	20000 times
◀ Electrical life:	4000 times

▶ Product Model And Implication

GYR9	N	□
Product model		Protection type
RCBO	With N poles	M (electromagnetic type) E (electronic)

▶ Outline Overall And Installing Dimensions

1P+N

3P+N

▶ 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