GYL9 Residual Current Circuit Breaker

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

RCCB IEC/EN 61008-1

CE CB SAA URAC GB/T 16916.1

GYL9







GYL9 residual current operated circuit breaker is suitable for AC 50/60Hz, rated voltage two poles 240V, four poles 415V, rated current up to 100A 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 infrequent on/off operations of the line under normal conditions.
Circuit breakers are suitable for various occasions such as industrial, commercial, high-rise, and residential use.

- RoHS 2.0 compliant
- Double busbar wiring function
- With leakage fault indication
- Wiring Capacity 1-35mm²

Technical Specification

Rated Voltage (Un)	230/240V、240/415V
Rated Current (In)	16A、20A、25A、32A、40A、50A、63A、80A、100A
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	AC、A、AC-S、A-S、A-Si、AC-Si
Working Frequency	50/60Hz
Rated limit short circuit current (Inc)	6000A、10000A
Rated limit Remaining short circuit current (I△c)	6000A、10000A
Rated on and off capacity (Im)	500A(In≤50A),or 10In(In=63A)
Rated residual switching and breaking capacity (I△m)	500A(Ins50A).or 10In(In=63A)
Tightening moment:	2.5N·m
Class of protection:	IP20
Installation :	TH35-7.5 standard guide rail
Mechanical life:	10000 times
Electrical life:	4000 times

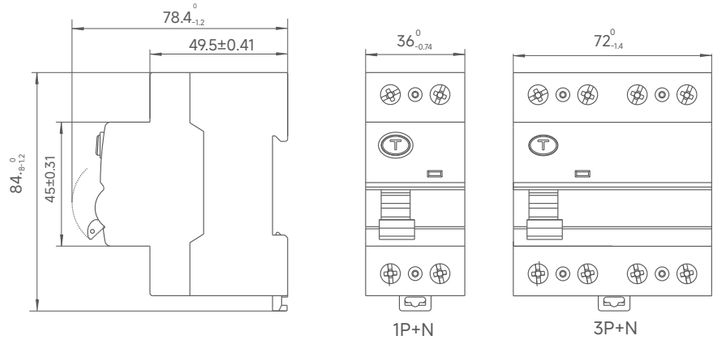
Product Model And Implication

GYL9	□
Product model	Protection type
RCCB	M (electromagnetic type) E (electronic)

Residual leakage current breaking time

Tripping Type	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
General Type	16~100	0.03、0.1、0.3	≤0.1	≤0.08	≤0.04	≤0.04	≤0.04
Type S			0.13~0.5	0.06~0.2	0.05~0.15	0.04~0.15	0.04~0.15
Type si			0.09~0.13	0.05~0.15	0.04~0.15	0.04~0.15	0.04~0.15

Outline Overall And Installing Dimensions



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