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

**RCCB**
IEC/EN 61008-1 GB/T 16916.1

# YL9




YL9 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.

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






## Product Model And Implication

| YL9 | □ |
|---|---|
| Product model | Protection type |
| RCCB | M (electromagnetic type)<br>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 |





## 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 |

## Outline Overall And Installing Dimensions

