

Residual Current Circuit Breaker

YTRZ1

MEGAMAN®

PRODUCT DATASHEET

2P/4P



Product Features

- Elegant appearance, unique curved surface design
- Provides protection against earth fault/leakage current and function of isolation;
- High short-circuit current withstand capacity;
- Fire resistant plastic parts endures abnormal heating and strong impact;
- Automatically disconnect the circuit when earth fault/leakage current occurs and exceeds the rated sensitivity;
- Independent of power supply and line voltage, and free from external interference, voltage fluctuation;
- It complies with standard IEC/EN61008-1

Application

- Civil House
- Tall Building
- Commercial Area
- Industrial Area

General Information Data

Electrical Specification

Poles	2P	4P
Rated current	16/25/40/63A	16/25/40/63A
Rated residual current	30/100/300mA	30/100/300mA
Rated working voltage(Ue)	240V AC	415V AC
Rated insulated voltage(Ui)	500V AC	500V AC
Rated frequency	50/60HZ	50/60HZ
Rated impulse withstand voltage(Uimp)	4KV	4KV
Rated conditional short-circuit current(Inc)	6KA	6KA
Residual current working type	AC,A	AC,A
Residual current Protection type	Electromagnetic	Electromagnetic
Mechanical Endurance	4000	4000
Electrical Endurance	10000	10000

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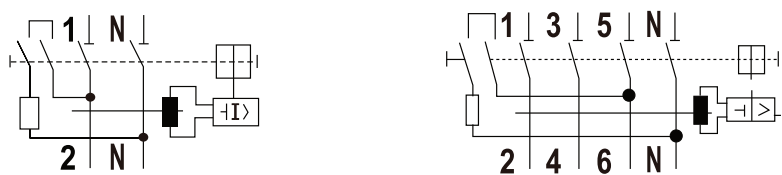


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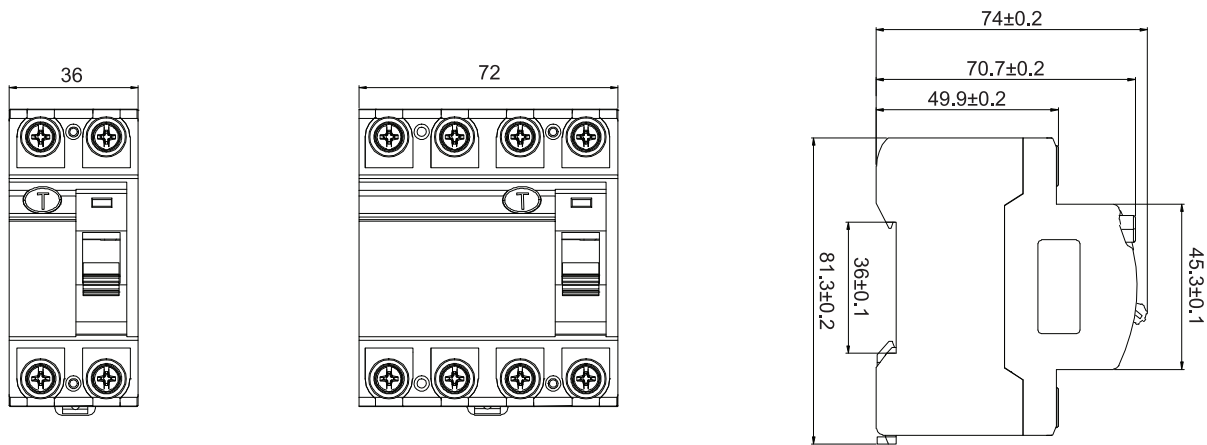
2P/4P

Others		
Protection degree	IP20	IP20
Reference temperature for setting of thermal element	30°C	30°C
Ambient air temperature for operation	-5~+40 °C	-5~+40 °C
Connection And Installation		
Connection Terminals	Tunnel Type	Tunnel Type
Wire	1-25mm²	1-25mm²
Tightening torque	2.5N.m	2.5N.m
Mounting	Cable /busbar	Cable /busbar
Connection	Top and bottom	Top and bottom

Operation Principle Figure



Dimensional Drawing & Packaging Information



Model	Single Box Dimension (L*W*H)mm	Outer Box Dimension (L*W*H)mm	Packaging Unit (PCS/CTN)
YTRZ1-2P	89×38×78	405*195*175	40
YTRZ1-4P	88×77×81	405*195*175	20

