



Technical parameter

| TYPE | MT66-2P | MT66-4P |
|---|---|---|
| |  |  |
| Electrical Characteristics | | |
| Standard | JBT12762-2015 | |
| Power Distribution System | TT - TN - S | |
| Rated Voltage(Ue) | 230V/400V AC | |
| Min Rated Voltage(Min Ue) | 85% Ue | |
| Max Rated Voltage(Max Ue) | 110% Ue | |
| Rated Insulation Voltage(Ui) | 500V | |
| Diaelectric Strength | 2500 AC for 1 minute | |
| Rated Withstand Voltage(Uimp) | 4kV | |
| Over-voltage Category | III | |
| Rated short-circuit capacity Ics | 6kA (Parameters of the relevant circuit breaker) | |
| Running Short Circuit Capability Ics | 6kA (Parameters of the relevant circuit breaker) | |
| Rated Residual Short Circuit Current (IΔc) | The IΔc of Related Breaker | |
| Poles | 2 | 4 |
| MCB Type | 2P - 4P C - D | |
| Rated Current(In) | 25A - 40A - 63A | |
| Mechanical Characteristics | | |
| The Width of DIN Module | 1 | 1 |
| Reclosing Time Interval | 5s - 20s - 60s | |
| Max Operation Frequency | 30/h | |
| Maximum mechanical durability (total number of operations) | 10000 | |
| Max. Auto Reclose Cycle | 3 | |
| Counter reset time number Continuous recloser operation | 60s | |
| Terminal Part of Breaker | Soft Cable: ≤16 mm ² hard wire: ≤25 mm ² | |
| Installation location | any | |
| Protection Grade of Circuit Breaker | IP20 (Inside the cabinet) - IP40 (Outside the cabinet) | |
| Environment Characteristics | | |
| Pollution Grade | 2 | |
| Work Temperature | -25°C +60°C | |
| Storage Temperature | -40°C +70°C | |
| Relative Humidity | 55°C - RH 95% | |
| indicator light | | |
| Closing state | always on | |
| Overvoltage and undervoltage, voltage loss opening state | off | |
| Overload, short circuit or manual opening status | flashing interval 0.5s | |
| Self-locking state | flashing interval 1s | |
| Self-resetting overvoltage and undervoltage protection | | |
| Overvoltage action value | > 290V±10V | |
| Overvoltage recovery value | < 280V±10V | |
| Undervoltage action value | < 160V±10V | |
| Undervoltage recovery value | > 190V±10V | |
| Auto Reclose Function | | |
| Overvoltage and undervoltage automatic reclosing | ● | ● |
| Earth Fault Test | | |
| Earthleakage Test | | |
| Signal of Reclosing | | |
| Fault Signal Indicator | ● | ● |
| Function of Auto / Manual | ● | ● |
| Auxiliary Contact for Remote Operation | ● | ● |
| Internal Electrical Protection | PTC | PTC |



MT66UV series Self-resetting over and under voltage protector

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MT66UV series protectors

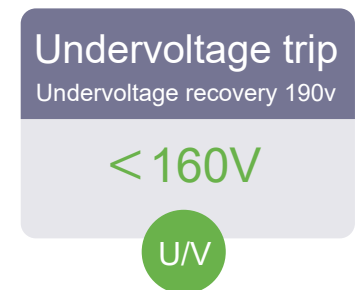
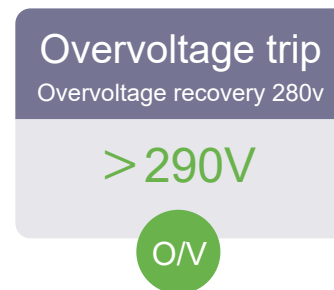
The self-resetting overvoltage protector has the following functions:

- > Over voltage automatic disconnection
- > Automatic disconnection for undervoltage
- > The front window indicates the working status of the product
- > The normal working voltage is automatically turned on

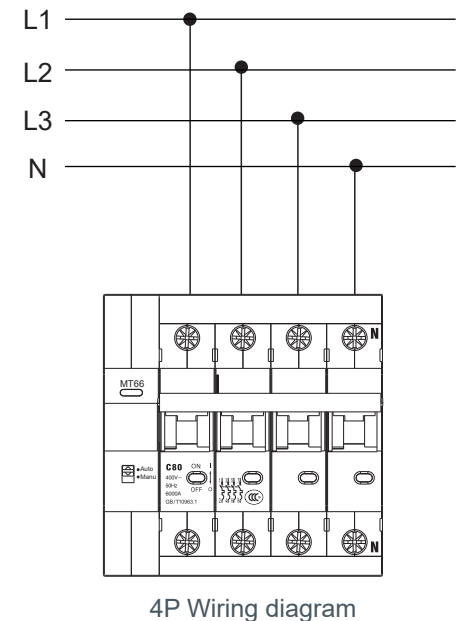
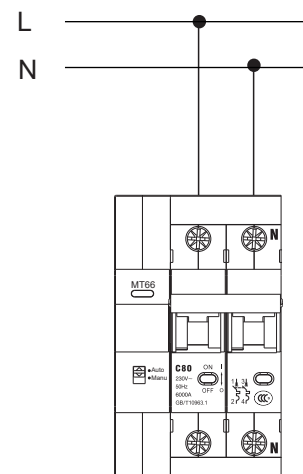


Self resetting overvoltage and undervoltage

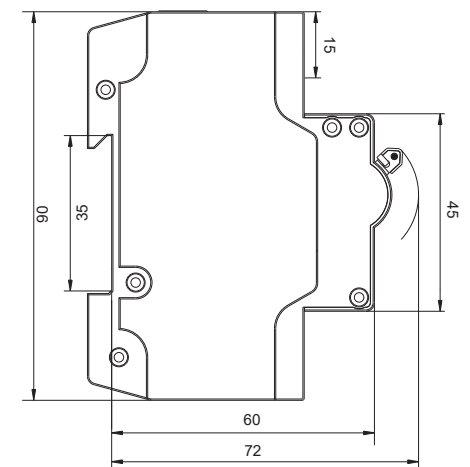
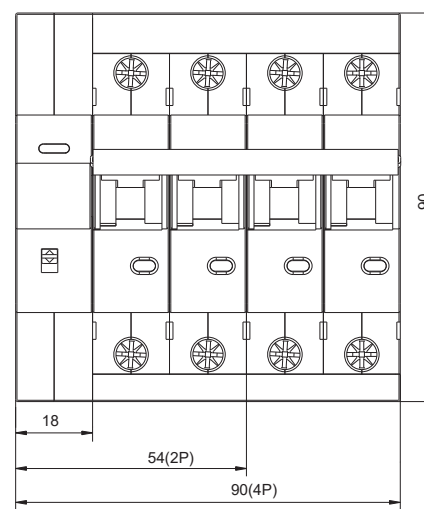
Overvoltage trip, undervoltage trip, voltage recovery automatic reclosing



Wiring diagram



Dimensions



Overvoltage and undervoltage parameters

Overvoltage value: $290V \pm 10V$ Undervoltage value: $160V \pm 10V$
Recovery value: $280V \pm 10V$ Recovery value: $190V \pm 10V$