

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 mm2 hard wire: ≤25 mm2	
Installation location	any	
Protection Grade of Circuit Breaker	IP20 (Inside the cabinet) - IP40 (Outside the cabinet)	
Enviroment 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



Indicator light

Always On: Closing state
Off: Overvoltage and undervoltage, voltage loss opening state
Fashing Interval 0.5s: overload, short circuit or manual opening status
Fashing Interval 1s: Self-locking state

Opening and closing instructions

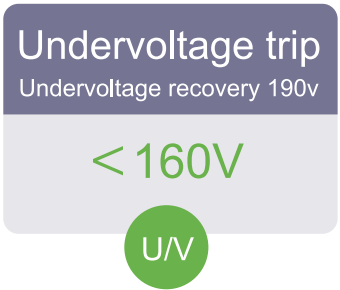
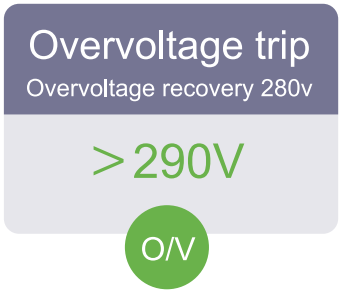
• Auto
• Manu

Working mode switch

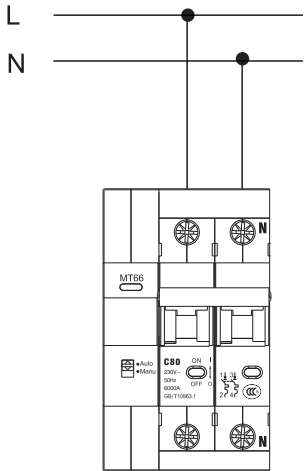
Manual automatic mode switching

Self resetting overvoltage and undervoltage

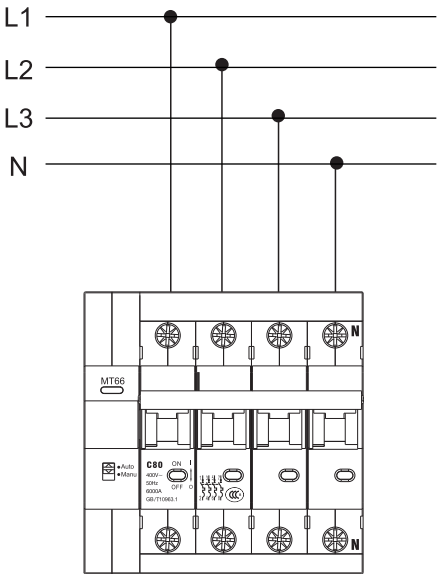
Overvoltage trip, undervoltage trip, voltage recovery automatic reclosing



Wiring diagram

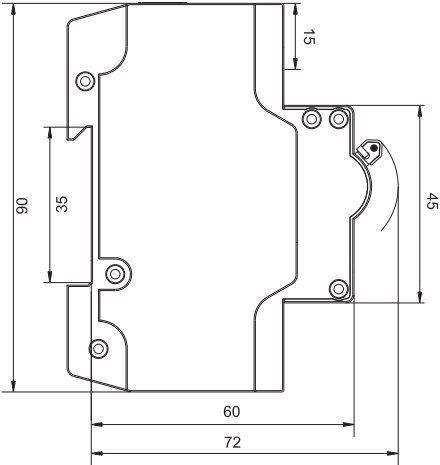
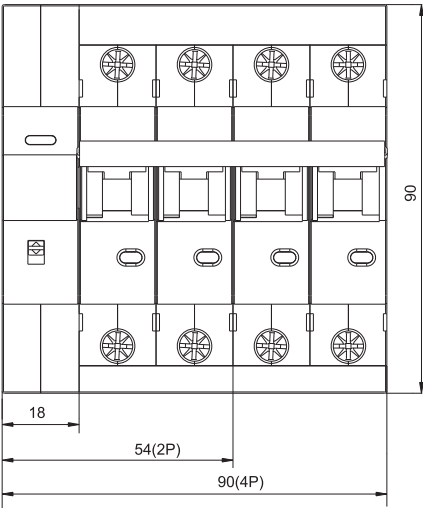


2P Wiring diagram



4P Wiring diagram

Dimensions



Overvoltage and undervoltage parameters

Overvoltage value: 290V±10V	Undervoltage value: 160V±10V
Recovery value: 280V±10V	Recovery value: 190V±10V