

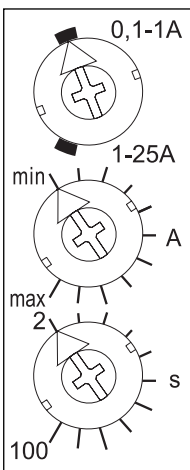
Current relay



AR12-001-230V, 0,1-25A

An encapsulated toroidal-core current transformer compares the single phase AC current flowing through a load, to the setpoint. When the latter is exceeded a 16A relay changes over within 0.5 seconds or switches on another consumer as applicable. The hysteresis is defined as approx. 25%. Status indication by LED. Supply voltage 230V AC. The measuring input M1-M2 is electrically isolated from power supply L-N and make contact 1-2/3.

Function rotary switches

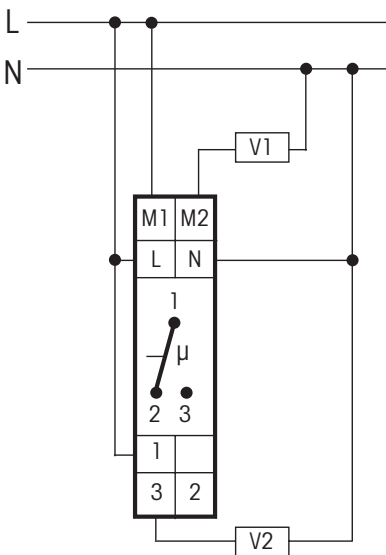


The measuring range that can be selected is either 0.1 to 1.0A AC or 1.0 to 25A AC.

The current value within the selected range is adjusted by means of a rotary switch.

Another rotary switch is provided to set the OFF delay in the range up to 100 seconds.

Typical connection



Tecnical data

Contact material	AgSnO ₂
Contact gap	0.5 mm
Spacing of control connection to contact	> 6 mm
Test voltage contact to contact	1000V
control connection to contact	4000V
Rated switching capacity	16A/250V AC
Inductive load	5 A (650W)
cos φ = 0,6/230V AC	

Important reminder!

This electrical equipment may only be installed by skilled electricians otherwise fire hazard or danger of electric shock exists!