

Voltage and Motor Protection Relays

Motor Protection Relays

Monophase Motor Protection Relay (MKR-03)

Application and Operation Principles

MKR-03 : Industrial type Monophase Motor Protection relays are required to operate at a certain voltage ranges in order to reach productivity and not to get damaged for that reason. Unsettled voltage ranges and fluctuations above the set limits may cause inconveniences and damages. MKR-03 is specially designed to overcome such problems on motor. Switching on adjustability at low voltage ranges (140-200V) makes the relay switches on and the LED is on if the supply voltage is in between the set values and then motor starts. The relay switches off and the LED is off when the voltage is below the set values or exceeds 240V and then motor stops. Motor will restart provided that the supply voltage reaches at the set values.

NOTES : MKR-03 is the best-used for the monophase motor being under the negative effect of low/high voltages
No auxiliary contact is required under 1KW

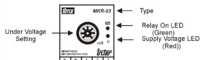
Technical Datas

Supply Voltage	: 220-240V AC 50-60Hz
Contact Output	: 250VAC -5A
Unbalance Protection	: ±15%
Under Voltage	: 140V-200V(Adjustable)
Over Voltage	: 240V
Hysteresis	: max. 15V
Adjustable sensitivity	: ±5 V
Operation Temperature	: -40°C...+50°C
Net Weight	: 268 gr

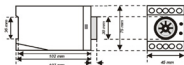
Order Informations

Type	Supply Voltage	Contact Output
MKR - 03	220-240V AC 50-60Hz	250VAC - 5A

Front View Informations



Dimensions



Connection Diagram

