

# Voltage and Motor Protection Relays

## Motor Protection Relays

### Non-Neutral Motor Protection Relay (MKR-02)

#### Application and Operation Principles

**MKR-02** : Under voltage variations on any motor winding out of three phase motors cause unbalanced load. In this circumstances motor may get a costly damage. MKR-02 is specially designed to protect motors being used in no neutral systems, (example, marine vessels). The Relay switches on and then motor starts when R-S-T phase voltages are at their normal values. The Relay switches off and motor stops when one of the phase voltage drops under the set voltage limit or in case of phase interruption occurs. The Relay will switch on and then motor will restart when phases reach at the preset normal voltage values.

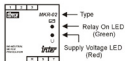
#### Technical Datas

Supply Voltage	: 3X380 V AC 50-60Hz
Contact Output	: 250VAC-5A
Unbalance Protection	: ±15%
Under Voltage	: 285V+30V
Hysteresis	: max. 15V
Operation Temperature	: -40°C, +50°C
Net Weight	: 288 gr

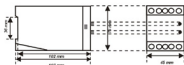
#### Order Informations

Type	Supply Voltage	Contact Output
MKR - 02	3X380V AC 50-60Hz	250VAC - 5A

#### Front View Informations



#### Dimensions



#### Connection Diagram

