

- ▶ TIME RANGE  $\Delta$ : 1 - 60s
- ▶ STAR RELAY: ENERGIZES IMMEDIATELY
- ▶ LED INDICATOR FOR RELAY  $\Delta$  CLOSED
- ▶ 2 OUTPUT RELAY 1 POLE CHANGEOVER CONTACT
- ▶ COMPACT SIZE - 1 MODULE - 17.5mm
- ▶ DIN RAIL MOUNTING EN50.022
- ▶ SELF-EXTINGUISHED MATERIAL UL94 V0

#### ■ TYPICAL APPLICATION: MOTOR STARTING

#### EU Directives - CE Marking:

> 2014/30/UE - EMC

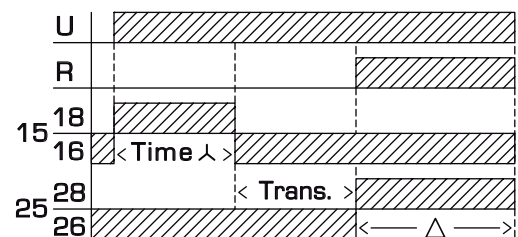
> 2014/35/UE - LVD



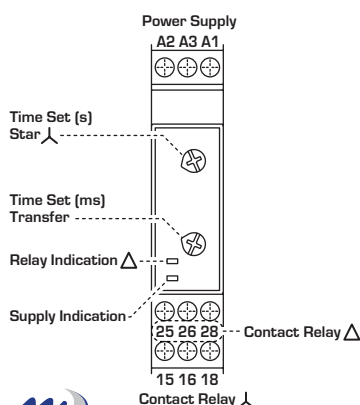
#### TECHNICAL DATA

| INPUT   | UNIT         | DTMVQI2  | DTMUQI2 | DTMOQI2          |
|---|--------------|--|---------|------------------|
| Supply voltage DC $\pm 10\%$                          | V $\equiv$   | 24   |         |                  |
| Supply voltage AC $\pm 10\%$                          | V $\sim$     | 24/115   | 24/240  | 415              |
| Nominal Frequency                                     | Hz           | 50 - 60 (range: 47 - 63)                       |         |                  |
| Power consumption (max. AC)                           | VA           | 4.4  | 10.3    | 15               |
| Supply indication ( U )                               | -            | Green LED                                      |         |                  |
| <b>OUTPUT RELAY</b>                                   |              |  |         |                  |
| Rating  | -            | 8A - 250V $\sim$ /24V $\equiv$                 |         | 8A - 250V $\sim$ |
| Max switching power                                   | VA           | 2000   |         |                  |
| Max switching voltage                                 | V $\sim$     | 400  |         |                  |
| Min switching load                                    | -            | 10mA 12V $\equiv$                              |         |                  |
| Contact life  | Mech.        | 30 x 10 <sup>3</sup> ops                       |         |                  |
|   | Electr.      | 100 x 10 <sup>3</sup> ops                      |         |                  |
| Changeover contacts                                   | -            | AgNiO.15                                       |         |                  |
| Output Indication ( R )                               | -            | Red LED  |         |                  |
| <b>GENERAL</b>  |              |  |         |                  |
| Delayed Start ( Time $\Delta$ )                       | s            | 1 - 60   |         |                  |
| Transition delay ( Trans. )                           | ms           | 20 - 300                                       |         |                  |
| Rise time   | ms           | 100  |         |                  |
| Working temperature                                   | $^{\circ}$ C | -20 / +50                                      |         |                  |
| Storage temperature                                   | $^{\circ}$ C | -30 / +70                                      |         |                  |
| Electrical Insulation                                 | kV           | 4  |         |                  |
| Oversoltage Category                                  | -            | III  |         |                  |
| Protection degree                                     | IP           | 20   |         |                  |
| Pollution degree                                      | -            | 2  |         |                  |
| Climatic category according to (without condensation) | -            | IEC 60068-1 (20/050/60)<br>DIN 40040 (class D) |         |                  |
| Altitude up to  | m            | 2000   |         |                  |
| Weight  | g            | 45   |         |                  |
| Dimensions  | mm           | 98 x 17.5 x 64                                 |         |                  |

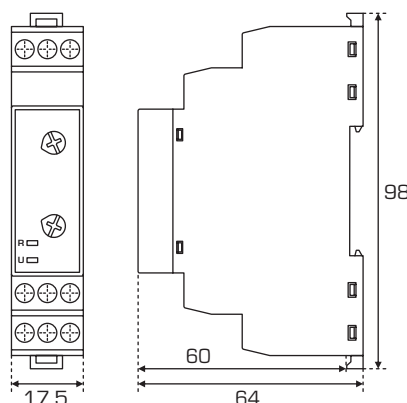
#### FUNCTIONS



#### DESCRIPTION



#### DIMENSIONS (mm)



#### WIRING DIAGRAM

