

3 PHASE OVER/UNDER VOLTAGE RELAY M3US

84873222

M3US VOLTAGE CONTROL RELAY

- Phase control of line voltage
- Wide range input voltage
- 17.5 mm cabinet with DIN rail
- LED indication



PRODUCT DESCRIPTION

Control relay for monitoring 3-phase networks without neutral. Adjustable switch at the front for adjustment of correct voltage in 3-phase networks. The switch's position is not registered until the operating voltage is switched on. If the switch position is changed during operation, all LEDs (LED indications) begin to flash but the unit will continue to function normally with the voltage that was set at the most recent power connection. Monitors under-voltage between the phases that can be set between -2 % and -20 % of U_n (measurement voltage) and over-voltage that can be set between 2 % and 20 % of U_n . Time delay T_t prevents relay change-over in the event of temporary disturbances and is adjustable between 0.3-30 s. Green LED (U_n) indicates supply voltage OK. Yellow LED (R) indicates active relay output.

Over-/under-voltage

1: Over-voltage

2: Hysteresis

3: Under-voltage

4: L1, L2, L3

5: Relay

6: Limit value with time delay for over-/under-voltage

SPECIFICATIONS

Approvals	CE, CSA, RoHS, UL
Breaking capacity	5A, 250V AC/DC
IP Class Connection	IP20

IP Class Housing	IP30
Lower Limit	-2 - -20%
Output	2x Relay
Selection of rated voltage	208, 220, 380, 400, 415, 440, 480V
Supply voltage	3 x 208-480V AC
Temperature range bearing, from	-40 °C
Temperature range bearing, to	70 °C
Temperature range from	-20 °C
Temperature range to	50 °C
Time Delay On Crossing The Threshold	0,3-30s
Time Delay Start	0.5 s
Upper Limit	2 - 20%
Weight	80 g

