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3 PHASE, PHASE CONTROL MWU

84873023
Phase Monitor Relay MWU 3 x 208-480V ac



- Triggers alarm upon incorrect phase sequence, phase interruption and under-voltage
- Adjustable line voltage
- Measures returned voltage to 98 %
- 17.5 mm cabinet with DIN rail

PRODUCT DESCRIPTION

Control relay for phase monitoring with voltage regeneration (returned voltage) up to about 98% of the measurement voltage. 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 indication) begin to flash but the unit will continue to function normally with the voltage that was set at the most recent power connection. The relay monitors the correct phase sequence between the three phases or whether any phase is lacking.The under-voltage function, which is adjustable between -2 % and -20 %, enables the returned voltage to be measured up to about 98%.This means that if there is a line voltage of 400 V and the relay is set to -2 % under-voltage, the relay will trigger an alarm (the relay output drops out) if the voltage drops below 392 V. Green LED (Un) indicates supply voltage OK. Yellow LED (R) indicates active relay output.

TECHNICAL DATA

Approvals	CSA, GL, RoHS, UL
Breaking capacity	5A, 250V AC/DC
Function	Phase Sequence, Phase Failure, Undervoltage
IP class connection	IP20
IP class housing	IP30
Mounting	35 mm DIN-Rail
Output	Relay
Selection of rated voltage	208, 220, 380, 400, 415, 440, 480 V
Storage temperature max	70 °C
Storage temperature min	-40 °C
Supply voltage	3 x 208-480V AC
Temperature operational max	50 °C
Temperature operational min	-20 °C

Time delay alarm	0.2 s
Time delay startup	0.6 s
Time delay when exceeding the limit value	0,1-10s
Weight	80 g









