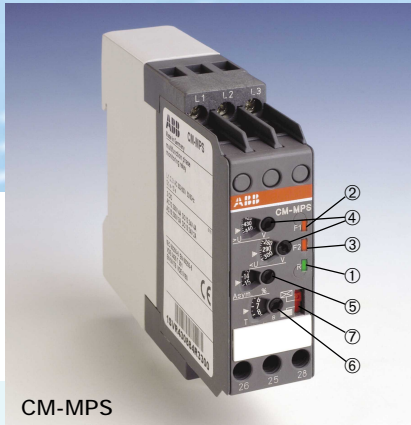


Multifunctional 3-phase monitor CM-MPS

NEW!



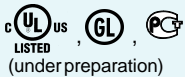


CM-MPS

- ① R: LED green – supply voltage, relay
- ② F1: LED red – failure,
- ③ F2: LED red – failure:
 - overvoltage: F1
 - undervoltage: F2
 - unbalance: F1 and F2 constant
 - phase loss: F1 on, F2 flashing
 - phase sequence: F1 and F2 alternately flashing

- ④ Threshold value V_{min}/V_{max}
- ⑤ Threshold value for unbalance 2-15%
- ⑥ Time setting 0,05-10s
Phase sequence and phase loss are indicated without time delay.
- ⑦ Sliding switch for setting of time delay
 - on-delay
 - off-delay

- Three-phase monitoring
 - phase sequence
 - phase loss
 - overvoltage
 - undervoltage
 - unbalance
- Adjustable over and undervoltage threshold values
- With or without neutral monitoring
- Dual frequency measuring 50/60 Hz
- Powered by 3-phase mains
- 2 c/o contacts / 2 LED indicators
- Approvals



The CM-MPS is a multifunctional 3-phase monitor. It monitors the phase parameters, phase sequence, phase loss, over and undervoltage and phase unbalance.

The threshold values for over and undervoltage are adjustable in the range of V_{min} 160-380 V and V_{max} 220-500 V; resp. V_{min} 90-220 V and V_{max} 120-280 V with neutral monitoring (see table below).

The threshold value for phase unbalance can be adjusted from 2-15%.

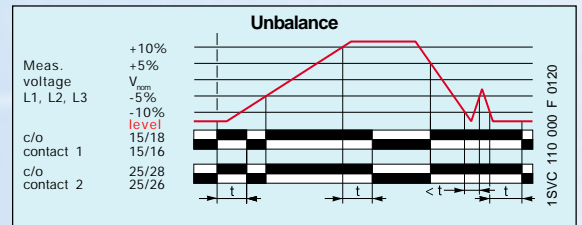
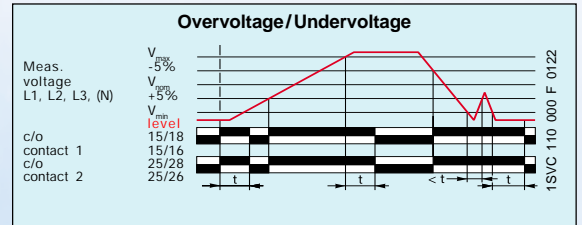
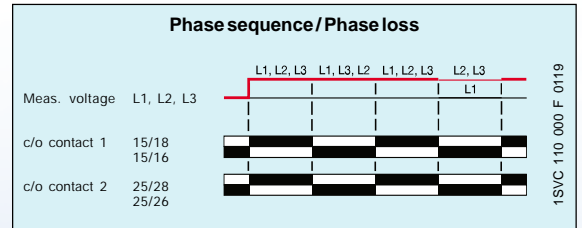
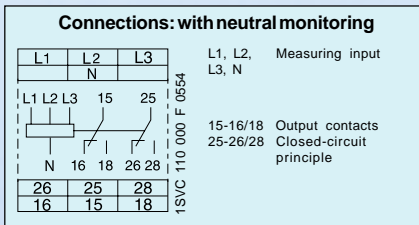
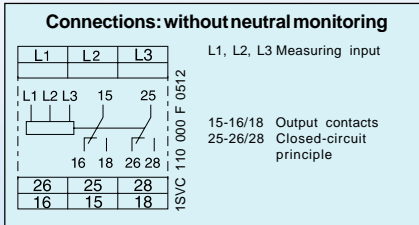
If one of the above mentioned failures occurs, the output relay de-energizes. The failure is displayed via the LEDs.

The adjustable trip delay with a range of 0,05-10 s prevents nuisance tripping.

If all parameters are within the adjusted limits, the output relay is re-energized automatically.

5 Functions

Threshold values for over and undervoltage			
without neutral conductor monitoring			
L1-L2-L3	160-300 V	V_{min}	= 160-220 V
		V_{max}	= 220-300 V
L1-L2-L3	300-500 V	V_{min}	= 300-380 V
		V_{max}	= 420-500 V
with neutral conductor monitoring			
L1-L2-L3-N	90-170 V	V_{min}	= 90-120 V
		V_{max}	= 120-170 V
L1-L2-L3	180-280 V	V_{min}	= 180-220 V
		V_{max}	= 240-280 V



Type	Supply voltage = Monitoring voltage	Frequency	Order code	Pack. unit piece	Weight 1 piece kg/lb
Without neutral monitoring					
CM-MPS	160-300 V AC	50/60 Hz	1SVR 430 884 R 1300	1	0,200/0.44
	300-500 V AC	50/60 Hz	1SVR 430 884 R 3300	1	0,200/0.44
With neutral monitoring					
CM-MPS	90-170 V AC	50/60 Hz	1SVR 430 885 R 1300	1	0,200/0.44
	180-280 V AC	50/60 Hz	1SVR 430 885 R 3300	1	0,200/0.44



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