

Phase Sequence Monitors

CM-PFS Series

Universal Voltage DPDT Relay Output



CM -PFS Universal Voltage Phase Reversal Monitor



The CM-PFS phase sequence monitor is used to monitor three-phase supply voltages for incorrect phase sequence. The output relay energizes and the yellow LED turns on if all phases are present in the correct phase sequence (clockwise rotating field).

The relay de-energizes and the yellow LED turns off if incorrect phase sequence or complete loss of one phase is detected. If

used with motors which continue running on only two phases, the CM-PFS detects phase loss if the regenerated voltage is less than 60% of the nominal voltage. For applications where a regenerated voltage greater than 60% is expected, we recommend using our phase unbalance monitors.

1 R: yellow LED - relay status

7

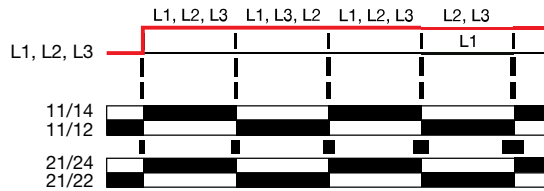


- Monitoring of three-phase supply voltage for phase sequence
- Fast response time
- Universal voltage range 3 x 200...500 V 50/60 Hz
- DPDT contacts
- LED for status indication

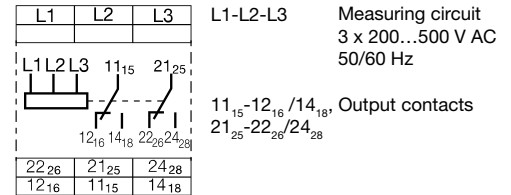
Complete Product Details:
<http://www.ssac.com/pp1.htm>



Function



Connection



Technical Data

Output	11-12/14, 21-22/24	Relay, 2 SPDT (c/o) contacts
Rated switching voltage max.		250 V AC
Rated switching current	AC 12 (resistive)	4 A (at 230 V)
	AC 15 (inductive)	3 A (at 230 V)
General Data	Mounting to DIN rail	35 mm DIN Rail Mounting, no tools required

Ordering Table

Part Number	Series	Line Voltage
1SVR 430 824 R 9300	CM-PFS	200...500 V AC 50/60 Hz