

Selection

RWM17-FSF/FSN - Phase Loss and Sequence/Phase Loss and Sequence with Neutral

RWM17-FSF - It is designed to monitor three-phase systems against phase loss and inversion.

RWM17FSN - It will perform the monitoring for phase failure, phase inversion and also the neutral voltage, which must be ever connected.



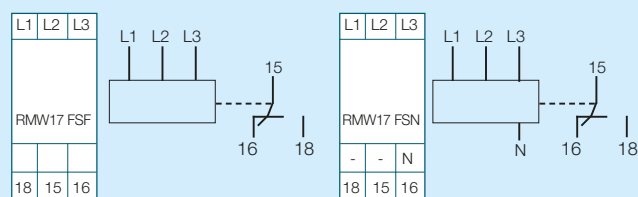
Installation

It is directly connected to the three phases, on terminals L1, L2 and L3, on the power line to be monitored (connect the neutral to the FSN model if applicable).

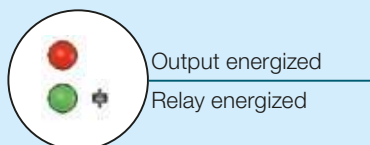
Operation

Energize the relay and observe if the green LED (power supply) and the red LED (relay) turn on. If they do not turn on, check for voltage between phases L1, L2 and L3 (including in relation to the neutral to be used).

Wiring Diagram



The RWM17 protector relay has state indication LEDs, as shown below:



Asymmetry Function

	L12			L23			L31		
Asy% -2%	L12	L23	L31	L12	L23	L31	L12	L23	L31
Asy%+2%	L12	L23	L31	L12	L23	L31	L12	L23	L31
Asy%	L12	L23	L31	L12	L23	L31	L12	L23	L31
0									
15-18									
15-16									
LED U									
LED R									

Phase Sequence Function

Phase Inversion

	L1 L2 L3			L1 L2 ↔ L3			L1 L2 L3		
Un									
0									
15-18									
15-16									
LED U									
LED R									

Phase Loss Function

Phase Loss L2

	L12 L23 L31			L31			L12 L23 L31		
Un									
0									
15-18									
15-16									
LED U									
LED R									