

THR238-1 (R3101)

three phase phase sequence monitoring relay



R3101

This three-phase power monitoring relay is a new product developed by our factory (use resistance capacity to reduce pressure which have advantages of small volume and light weight , etc.). Missing phase and breaking phase can be correctly detected and protected , making the motor shunt down immediately and the red indicator light on (in case of inductive load), the green indicator light is on and the red indicator light is off, after troubleshooting, it will resume by itself. The green indicator light is on and the red indicator light is off. For electricity , the power grid fluctuation caused by the machine startup moment or other reason has strong adaptability. Make sure the system is working properly.

Main technical conditions:

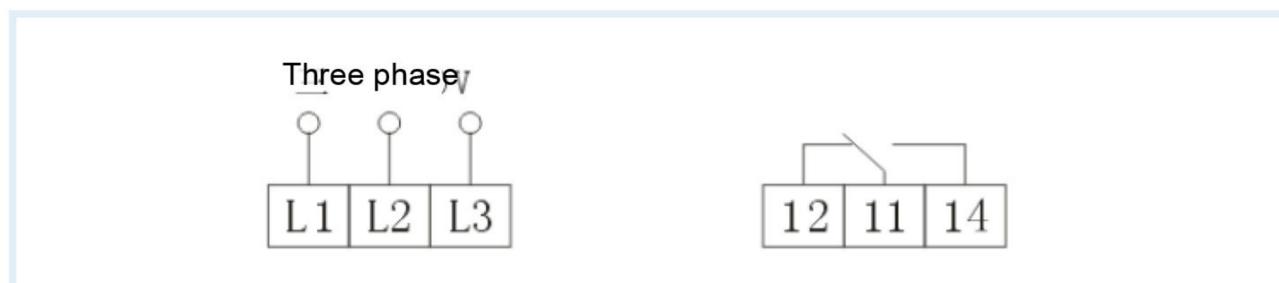
Electrical resistance

Terminal housing	2500VAC/1min , no breakdown or flicker.
Insulation resistance	Terminals for shell $\geq 100M\Omega$
Contact capacity	$\sim 250V/3A$
Power consumption	not greater than 7W
Mechanical life	>600000 times under normal conditions

Normal working conditions

Working voltage	three phase 208-480V 50/60Hz
Temperature	$-10^{\circ}C \sim +50^{\circ}C$
Humidity	$\leq 85\%$ (under the room temperature $20^{\circ}C \pm 5^{\circ}C$)
Three phase voltage asymmetry	$<7\%$
Standard 3TH rail installation , installation angle is arbitrary	

Wire connection



Outline dimension

