FKR1.G

Phase Protection Relay





NOTE

Operating Principle:

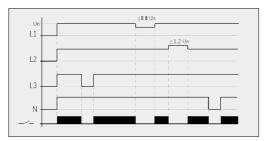
If all L1, L2, L3 phase voltages are balanced and there is no missing phase; normal LED turns on and the relay energizes its contact.

If phase-neutral voltage unbalance value exceeds ± 20 %, normal LED turns off and relay de-energizes its contact.

When the unbalance returns to normal boundary, normal LED turns on and the relay energizes its contact again.

Functions:

- Phase Failure
- -Asymmetry Failure (Phase to Neutral %20 constant)



Technical Data:

Rated Voltage **Operating Range** : 380 Vac 50/60 Hz : (0.8 – 1.2)xUn

(Un nominal voltage) 3P & 4W

Connection Type Asymmetry Adj.

: Phase to Neutral 20% constant : Normally Open

Output Contacts

Contact

Dimensions

Contact Current : Max. 5 A / 250 VAC Power Consumption : < 4 VA

Device Protection : IP20 Class

Connector Protection

Class : IP00

Ambient Temperature: - 20 °C....+ 60 °C **Connection Type**

To connection rail in electrical panel

18x90x65 mm

