

FKR1T-DIN

PHASE FAILURE DEVICE

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.

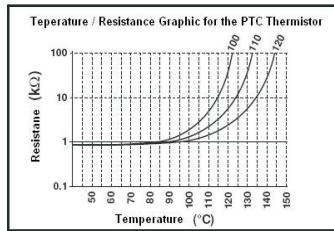
When the unbalance returns to normal boundary, normal LED turns on and the relay energizes its contact again.

PTC Protection:

If you do not want to use PTC protection, simply short circuit the PTC connections.

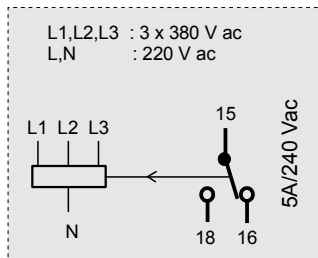
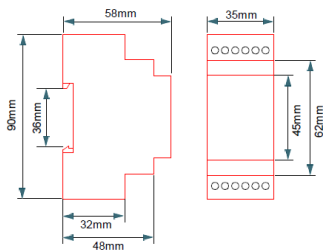
Application Area:

- Protection of electrical motors



TECHNICAL DATA:

Rated Voltage	: 3 Phase and 1 Neutral, 230VAC
Operating Range	: (0.8 – 1.2)xUn (Un nominal voltage)
Frequency	: 50/60 Hz
Asymmetry Adj.	: Phase to Neutral 20% constant
Contact Current	: Max. 5 A / 240 VAC
Power Consumption	: < 8 VA
Device Protection Class	: IP20
Connector Protection Class	: IP00
Ambient Temperature	: -5°C....+50°C
Connection Type	: To connection rail in electrical panel
Dimensions	: 35x90x58 mm



Connection Scheme

