

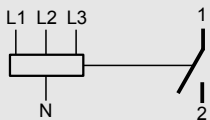
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PHASE FAILURE DEVICE

► Phase Failure



L1,L2,L3 : 3 x 400 V ac
L1,N : 230 V ac

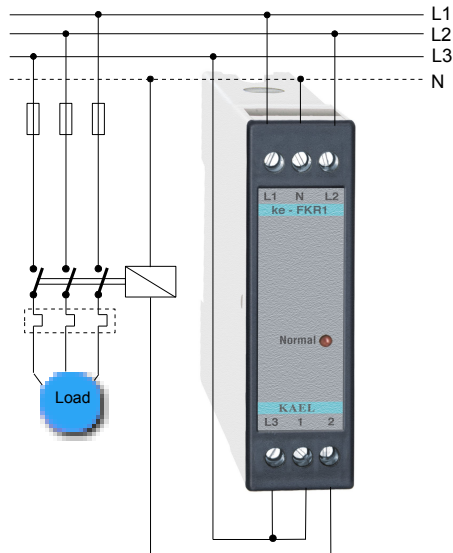


► Operating Principle:

If all R, S, T 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 $\pm 20\%$, 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.

Simple Connection :



Application Areas:

- Protection of electrical motors
- Protection of 3 phase systems

TECHNICAL DATA:

Rated Voltage	: 3 Phase and 1 Neutral 230 VAC
Operating Range	: (0.8 – 1.2)xUn (Un nominal voltage)
Frequency	: 50/60 Hz
Asymmetry Adj.	: Phase to Neutral 20% constant
Output Contacts (1-2)	: Normally Open Contact
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	: 23x82x80 mm