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PHASE CONTROL RELAY three-phase monitor

C7F-RT

WARRANTY. The F&F products are covered by a warranty of the 24 months from the date of purchase. Effective only with proof of purchase. Contact your dealeror directly with us. More information how to make a compliant can be found on the website:

www.fif.com.pl/reklamacje





Do not dispose of this device to a garbage bin with other unsorted wast in accordance with the Waste Electrical and Electronic Equipment A any household electro-waste can be turned in free of charge and in ar quantity to a collection point established for this purpose, as well as to th store in the event of purchasing new equipment (as per the old for new ruli regardless of brand). Electro-waste thrown in the garbage bin or abandone in the boson of nature nose a threat to the environment and human bealth.

PURPOSE

Three phase monitors serve to protect the three-phase electric motors supplied from three-phase mains, against phase collapse in at least one phase or against phase-to-phase voltage asymmetry, threatening to damage the motor.

FUNCTIONING

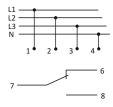
Supplied a receiver is signalized by shine of diode LED in at everyone phase. Phase collapse in at least one phase or voltage unbalance between phases above fixed actuation threshhold causes switching-OFF the motor. The motor switching-OFF occurs with preset delay, which prevents any accidental motor disconnecting at temporary voltage drop. The re-connection will occur automatically at voltage increase of 5V above activation voltage (i.e. of value of voltage hysteresis). At occurrence of these disturbances, it is not possible to set a motor in motion.

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ATTENTION!

Switching contact could to connect LED or bell which will be to brief about of action of relay i.g. switch OFF the motor.

DESCRIPTION INPUT/OUTPUT



ASSEMBLY

- 1. Check work of motor.
- 2. Take OFF the power.
- 3. Put on the relay on the rail in switchgear box.
- 4. Connect power with marks.
- To contacts 7-8 connect in line system of supply coil of switch ON contractor.
- By potentiometer set value of threshold activation and delay time of switch OFF.

TECHNICAL DATA

supply	3×400/230V+N
current load	<10 A
contact	separated 1 NO/NC
signalling of supply	3× LED
activation voltage asymmetry	40÷80V~
hysteresis	5V~
switching OFF delay	0.5÷5 s
power consumption	0.8W/8VA
working temperature	-25÷40°C
connection	screw terminals 2.5mm ²
dimensions	2 modules (35mm)
fixing	on TH-35 rail
ingress protection	IP20

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WIRING DIAGRAM

