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CZF-311 PHASE CONTROL RELAYS three phase monitors







F&F products are covered by an 24 months warranty from date of purchase

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 delay 4 sec, 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.

- 1. Check work of motor. 2. Take OFF the power.

- 3. Put on the relay on the rail in switchgear box.
 4. Connect power to joints 1, 3, 4, 6 with marks.
 5. To joints 11 -12 connect in line system of supply coil of switch ON contractor.

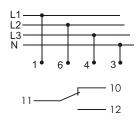
TECHNICAL DATA

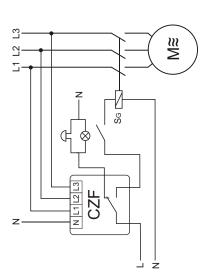
supply	3×400/230V +N
current load	<10A
joint	1C/O
sygnalling of supply	3×LED
activation voltage asymmetry	40÷80V~
hystereisis	5V~
switching OFF delay	4sec
power consumption	0,56W
working temperature	-25÷40°C
connection	screw terminals 2,5mm2
dimensions	1 module (18mm)
fixing	on rail TH-35

ATTENTION!

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

WIRING DIAGRAM





A090625