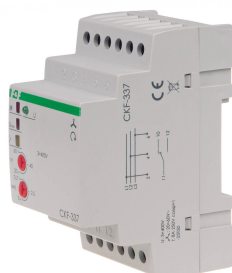




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CKF-337

Phase Sequence and Failure Relay

Index: CKF-337

Without neutral lead. Prevents against symmetrical and asymmetrical voltage drop.

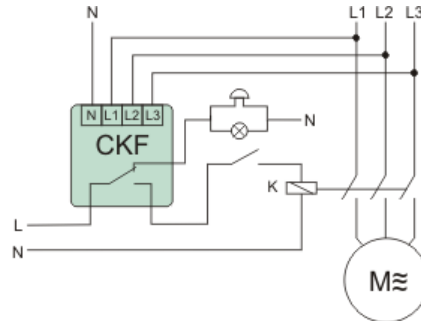
Three phase monitors serve to protect the three-phase electric motors supplied from three-phase mains, against phase collapse in at least one phase or against phase-to-phase voltage asymmetry, threatening to damage the motor.



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DESCRIPTION

Prevents against symmetrical and asymmetrical voltage drop



Functioning

In case of voltage asymmetry above set value between phases causes the switching-OFF the motor. The switching-OFF the motor also occurs in case of phase-to-phase voltage drop below 320V. The motor switching-OFF occurs with 4 sec 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 put a motor to motion. Change of phase sequence, before the monitor, which causes change of motor rotation direction (in relation to that primarily set) along with impossibility of switching-ON the motor.

TECHNICAL DATA

With detachable clamps	Nie
External power supply required	Tak
Phase sequence monitoring	Tak
Phase failure detection	Tak
Function under voltage detection	Tak
Function overvoltage detection	Nie
Phase imbalance monitoring	Tak
Min. adjustable off-delay time	0.2 s
Number of contacts as normally open contact	0
Type of electric connection	Screw connection
Supply voltage AC 50 Hz	320-480 V
Max. permitted off-delay time	5 s
Number of contacts as normally closed contact	0
Number of contacts as change-over contact	1
Operating voltage AC 50 Hz	320-480 V
Rated switch current	10 A
Voltage type (supply voltage)	AC
Voltage type (operating voltage)	AC
Depth	0 mm
Height	0 mm
Width	0 mm
Max. permitted delay-on energization time	0 s
Min. adjustable delay-on energization time	0 s

Manual

CE declaration

Certificate