

MONITORING RELAY



SCAN QR TO VIEW THE PRODUCT

MODEL : MRB - 2P
CODE : 13B1
WEIGHT : 160 gr
(72 x86 x60) mm
IP 30

①

Features

- Full protection of electricity network due to not using N
- Protection against
 - Voltage asymmetry
 - Over or under voltage
 - Phase loss or phase sequence
- 4 indicators
 - AC: power supply
 - REL: relay status
 - F: over or under voltage, phase asymmetry
 - P: phase sequence
- Adjustable knobs for voltage asymmetry and on delay
- Stable values in effect of the contactor contact

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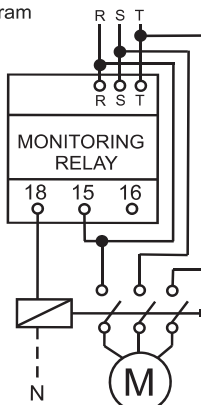
Technical specification

- Input/Supply voltage: 300 – 500 VAC /3PH/ 50-60 Hz
- Delay for
 - On: 2 – 240 Sec
 - Off: 3 Sec
 - Delay Start : 10 Sec
- Disconnection for
 - Over voltage: 440V
 - under voltage: 310V
 - voltage asymmetry: 7 – 25%
- Operating condition
 - -20°C +65°C
 - Humidity: 70%
- Output: 5A relay

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Installation guide

Install the monitoring relay inside the enclosure and wire up according to the following diagram



④

Operation of knobs

Detail	Variation range	Knob name
Adjustable time for connecting relay since the time that device is connected to power or after fixing a fault	2-240 s	On Delay S
Relay disconnection due to higher phases asymmetry than set value (compared to average of input voltage)	7-25 %	Sen-Δu

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Indicators operation

Detail	Color	Indicator name
Input electricity	Green	AC
Relay on	Yellow	REL
phases asymmetry, over or under voltage	Red	F
Phase sequence or phase loss	Red	P

Note1: Fault indicators turn on just after fault occurrence.

Note2: Relay disconnection occurs by turning fault indicators on and elapsing Off Delay.

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In some motors when one phase is lost, due to reversal voltage which is about the lost phase, the monitoring relay cannot detect the power outage.

So you are kindly offered to use a load monitoring relay as well.



Respecting the customer is our duty

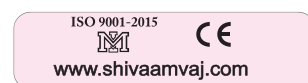
3 year no question asked guarantee under these conditions;

1-at most it should be within 3 years from the date printed on the label of the product

2-the label on the product should be safe and sound

⑦

Shiva Amvaj products in accordance with international standards and with a 3 year no question asked guarantee are presented



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