

RM3

SH3-5/50

CURRENT RELAY



INPUT SPECIFICATIONS

THREE-PHASE SHUNT: star connection
Terminals: C, I1, I2, I3

OUTPUT SPECIFICATIONS

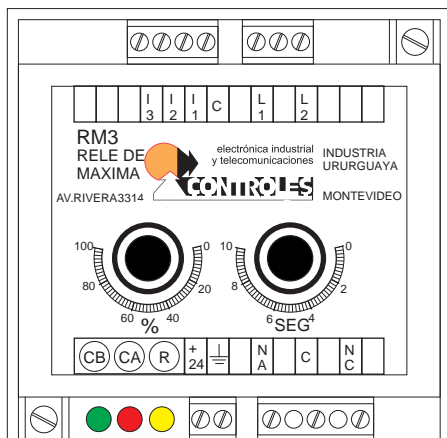
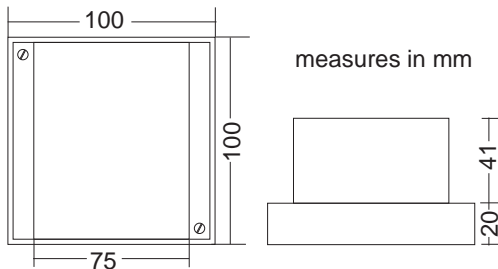
Inverter relay, terminals: NO, C, NC
Contacts rated: 5 A @ 220 Vac
Visual indications: yellow, green, red.

POWER SUPPLY

Voltage 1: 220 Vac \pm 15 %, 50 Hz
Consumption 3 VA
Terminals: L1, L2
Voltage 2: 24 Vdc \pm 10 %
Terminals: +, +24.

RANGE:

Voltage: 0 / 50 mVeff
(phase / neutral: 0 / 100 %).
Time: 0 / 10 s



Rev 1.1

03/03/06

MADE IN URUGUAY

FUNCTION

Current supervision in a three-phase line.

OPERATION

Through the use of current transformers with 0 / 5 A output and a three-phase shunt SH3 - 5/50 with 0 / 50 mVeff output, activates the output relay if the measured values are lower than the selected one.

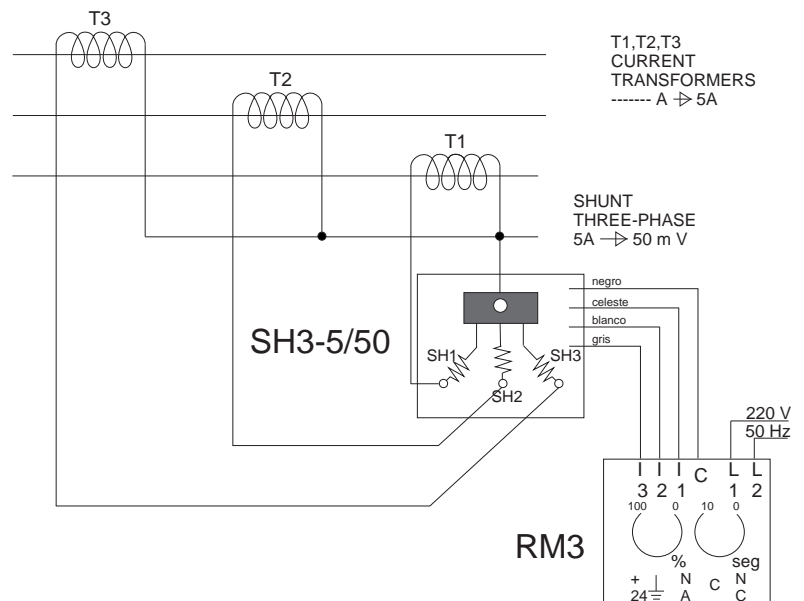
Measures the input peak voltage and if some phase exceeds the selected value during an interval greater than the indicated, deactivates the relay (the yellow indication is on if the relay is active). The green indication is on if all the values measured are lower than the selected one, otherwise the red indication is turned on.

It requires at least one power supply (220 Vac or 24 Vdc) to operate.

APPLICATIONS

- Overload protection of three-phase lines.
- Motor protection.

TYPICAL CONNECTION



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