



RRM-C

RRM-C, Self-reclosing Relay

Code: P25131. DESCATALOGADO

> Communications: RS-485

> Nr. reclosures: Adjustable: 0,1,2,4,6,8 > Time betwen reclosures: 0.5,1,2,3,4,5 min

Description

Self-reclosing electronic relay of motorized circuit breakers. The relays of the RRM series can be used to control, send remote signals and for the remote control of the associated motorized circuit breaker (MT series).

The **RRM** relay has the following functions:

- o Motorized circuit breaker control:
- Automatic reclosing
- Remote connection/disconnection (non-reclosing)

Signalling:

- o Local, with LED
- Remote signalling with relay of the reclosing lock (in RRM-P)
- o RS-485 Communications (in RRM-C)

Remote control of the automatic switch

The complete reclosing group is composed of the following elements:

- o Motorized circuit breaker of the MT series (2 or 4 poles)
- Control relay RRM.

Application

The **RRM** relays can be used in all applications that require a self-reclosing motorized circuit breaker after a trigger or with the use of remote control systems. It has been specially designed to work with the circuit breakers of the MT series.







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Overload reclosing relay

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Specifications

| AC power supply | |
|----------------------------------|--|
| Frequency | 50/60 Hz |
| Nominal voltage | 230 V ~ |
| DC power supply | |
| Nominal voltage | 12 Vdc (±20 %) without polarity |
| Mechanical characteristics | |
| Size (mm) width x height x depth | 17.5 x 85 x 68 (mm) |
| Fastening | DIN rail |
| Weight (kg) | 0,09 |
| Environmental characteristics | |
| Protection class | IP 20 (terminals), IP 41 (rear panel) |
| Working temperature | -10 +50 °C |
| Standards | |
| Standards | IEC 60947-2 |
| Other digital relay outputs | |
| Nominal current | 1 Adc (signalling contact) |
| Nominal voltage | 24 V dc (signalling contact) |
| Mechanical life | 3x10 ⁶ (signalling contact) |
| Digital relay outputs | |
| Nominal current | 1 A ~ (motor control contact) |
| Nominal voltage | 250 V ~ (motor control contact) |
| Insulation voltage | 250 V ~ (motor control contact) |
| Protection | |
| LED indication | Voltage presence and circuit breaker trip number Trip indication via external order End-of-reclosing sequence interlocking During the reclosing process |
| Circuit breaker type | Motorised circuit breaker (MT series) |
| Thermal-magnetic protection | |
| Nominal current In (A) | Definido por el magnetotérmico utilizado |
| Breaking capacity | Defined by the circuit breaker used |









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Dimensions



