



RO901, RO902 AND MR906 MOTOR RELAYS



Motor relays with built-in overload switch

Highlights

- Control of shading or ventilation
- Manual operation of gear motor
- Power Relay for control from, for example, climate computers
- Low current (10 mA) due to built-in overload and intermediate relay
- Can be extended with MR102 Fire Relay

RO901 and RO902 are master relays for 1 or 2 gear motors intended for shading or for ventilation systems. The relays can be used for manual operation of the gear motor and as power relays for control from, for example, climate computers. RO901 and RO902 have built in overload switches as well as an intermediate relay which makes the control current very low (approximately 10 mA).

Fire relays

The relays can be extended with our MR102 fire relays. They are control units which will force the screens or windows to open or close when activated by an external

signal from smoke or fire alarm. Both relays are supplied in Senmatic's well known splash-proof plastic box.

RO901 and RO902 can be delivered for various voltages with overload switches up to 10 Amps. The 115 V relay is UL and C-UL approved.

Motor relay for reversing tube motors

MR906 is a control unit especially made for single phase 230 V reversing tube motors, as used for roller screens. On each unit, a built-in time delay of approximately two seconds protects the tube motor. The fire relay is integrated in MR906. MR906 can be built into control cabinets or delivered with six units in the normal relay box with power supply built-in.



SPECIFICATIONS / R0901, R0902 AND MR906 MOTOR RELAYS

R0901 and R0902

Input	3 x 400 V AC $\pm 10\%$ (or 3 x 230 V AC)
Output	3 x 400 V AC, max. 2.2 kW (3HK) 3 x 230 V AC, max. 1.5 kW (2HK) 1 x 230 V AC, max. 6 Amp.
Limit switch	Potentialfree switch normally connected, 24 V DC, 10 mA
Control input	Potentialfree switch 24 V DC
Dimensions L x W x D	200 x 300 x 100 mm (8 x 12 x 4")
Weight	3.8 kg (8.4 lb)

North America R0901 and R0902

Input	3 x 208 V AC $\pm 15\%$ (or 1 x 115 V AC)
Output	3 x 208 V AC, max. 0.75 kW (1HK) 1 x 115 V AC, max. 6 Amp.
Limit switch	Potentialfree switch normally connected, 24 V DC, 10 mA
Control input	Potentialfree switch 24 V DC
Dimensions L x W x D	200 x 300 x 100 mm (8 x 12 x 4")
Weight	3.8 kg (8.4 lb)

MR906

Input	(6 x MR906): 1 x 230 V AC + N, $+10 / -15\%$ (or 1 x 115 V AC + N) MR906: 24 V DC, max. ripple 500 mV
Output	Max. 230 V AC - 2 A, max. 0.23 kW (0.3HK) Max. 115 V AC - 2 A, max. 0.23 kW (0.3HK)
Control input	Potentialfree switch 24 V DC
Dimensions L x W x D	200 x 300 x 100 mm (8 x 12 x 4")
Weight	2.4 kg (5 lb)

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