



RO901, RO902 and MR906 Motor Relays

Motor relays with built in overload switch

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 i.e. climate computers. RO901 and RO902 have built in overload switches as well as an intermediate relay which makes the control current very low (approx. 10mA).



- **Control of shading or ventilation**
- **Manual operation of Gear Motor**
- **Power Relay for control from i.e. Climate Computers**
- **Low current (10mA) due to built in overload and intermediate relay**
- **Can be extended with MR102 Fire Relay**



Fire protection

The relays can be extended with our MR102 fire relays. They are control units which will force the screens or windows to open/close when activated by an external signal from smoke or fire alarm. Both relays are supplied in DGT-Volmatic's well known splash proof plastic box. RO901 and RO902 can be delivered for various voltages with overload switches up to 10 Amps. The 115V relay is UL and C-UL approved.

Motor relay for reversing tube motors

MR906 is a control unit especially made for single phase 230V reversing tube motors as they are used for roller screens. On each unit is a built in time delay for approximately 2 seconds to protect the tube motor. The fire relay is integrated in MR906. MR906 can be built in control cabinets or delivered with 6 units in the normal relay box with power supply built in.

Specifications

RO901, RO902 and MR906 Motor Relays

RO901 og RO902	
Input:	3 x 400 V ac, $\pm 10\%$ (or 3 x 230 V ac)
Output:	3 x 400 V ac, max. 2,2 kW (3 HK) 3 x 230 V ac, max. 1,5 kW (2 HK) 1 x 230 V ac, max. 6 Amp.
Limit switch:	Potentialfree switch normally closed, 24 V dc, 10mA
Control input:	Potentialfree switch 24V dc
Dimensions: H x W x D:	200 x 300 x 100 mm (8 x 12 x 4")
Weight:	1,5 kg (3 lbs.)

North America

RO901 og RO902	
Input:	3 x 208 V ac, $\pm 15\%$ (or 1 x 115 V ac)
Output:	3 x 208 V ac, max. 0,75 kW (1 HK) 1 x 115 V ac, max. 6 Amp.
Limit switch:	Potentialfree switch normally closed, 24 V dc, 10mA
Control input:	Potentialfree switch 24V dc
Dimensions: H x W x D:	200 x 300 x 100 mm (8 x 12 x 4")
Weight:	1,5 kg (3 lbs.)

MR906	
Input (6xMR906): MR906:	1 x 230 V ac +N, $\pm 10/-15\%$ (or 1 x 115 V ac +N) 24 V dc, max. ripple 500mV
Output:	Max. 230 V ac - 2A, max. 0,23 kW (0,3 HK) Max. 115 V ac - 2A, max. 0,23 kW (0,3 HK)
Control input:	Potentialfree switch 24V dc
Dimensions: H x W x D:	200 x 300 x 100 mm (8 x 12 x 4")
Weight:	2,4 kg (5 lbs.)

Specifications subject to change without notice.

Distributor:

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