Mod8R: 8 power relay output module

Mod8R module provides 8 power relays output with 1 changeover contact each one.

Mod8R output module features three 9-way removable terminal blocks for the loads connections, 8 red LEDs on the front panel to report the status of the related output and a green LED to report the module's power-on condition.

A 5-way removable terminal block allows the connection to the 4 wire Contatto bus; the 5th terminal is used by the addresses programmer only.

A white label on the front panel allows to annotate the address assigned to the module for an immediate visual identification.

Mod8R module is housed in a modular 9M box for rail mounting.

Address programming

Mod8R module takes, inside the Contatto bus, a single output address. The address must be assigned by the FXPRO programmer and must be in the range 1 to 127.

Wiring diagram

The diagram in the figure shows the connections of the module to the communication bus line and to the loads, for example 8 lamps supplied by a single phase line.
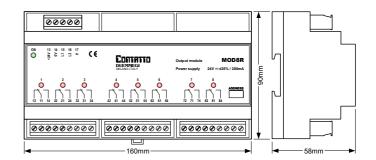
Mod8R module cannot be used to control loads distributed on different line phases.

Technical characteristics

Supply voltage	24V --- ± 25% SELV
MAX current consumption	200mA @ 24V ---
Relays contact:	
Rating for resistive load	12A @ 250V~ MAX
MAX switching current	30A (500ms)
MAX peak current	150A (20ms)
Relay MAX rating:	
Fluorescent lamps cosΦ=1	750W
Fluorescent lamps cosΦ<1	1000W
Incandescent lamps	2000W
Halogen lamps	2000W
Metal iodure lamps	150W
Single phase motor	550W (0.75HP)
Operating temperature	-10 ÷ +50 °C
Storage temperature	-30 ÷ +85 °C
Grado di protezione	IP20

WARNING: connection of capacitive loads or loads with power factor correction capacitor on normally closed contacts of relays must be absolutely avoided. **Above characteristics are guaranteed for normally open contacts only**.

Outline dimensions