

**MOD6POW: 6 power relay output module for single phase loads distributed on 400Vac 3-phase network**

Mod6POW output module features 6 power single phase relays; the insulation spacing between each output and the other ones allows this module to be suitable for the connection to single phase loads supplied by 3-phases 400Vac network; each output of the module features the normally open contact of the related single phase relay.

Mod6POW module provides six 2-way terminal blocks, with anti-rotation plugs, for the connection of the loads; 6 red LEDs on the front panel report the status of the related output; an additional green LED reports the module's power-on condition.

A 5-way terminal block allows the connection of the module to the **CONTATTO** bus. A white label on the front panel allows to annotate the address assigned to the module for an immediate visual identification. Mod6POW module is housed in a modular 9M box for rail mounting.

**Address programming**

Mod6POW module take, 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 6 lamps distributed on a 3-phase line.

**Technical characteristics**

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

**Outline dimensions**

