

Satel MP-1 Relay Module Instructions

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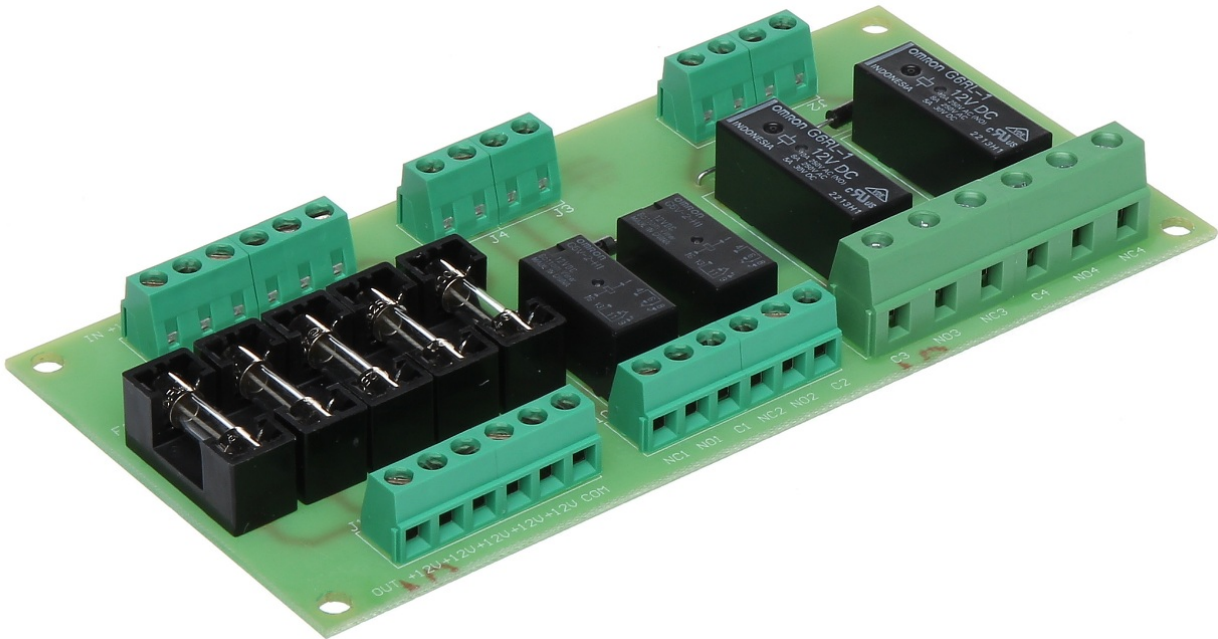
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Satel MP-1 Relay Module



MP-1 Relay module

The MP-1 relay module is used to control devices with high current consumption by means of low-current OC type outputs. The relays ensure galvanic isolation of control and power signals. The module can work with various devices equipped with OC-type outputs, e.g. control panels, communication modules, automation devices, etc.

Features

- 4 control inputs.
- 4 relay outputs.
- 5 power outputs protected with time-delay fuses.

Electronics board

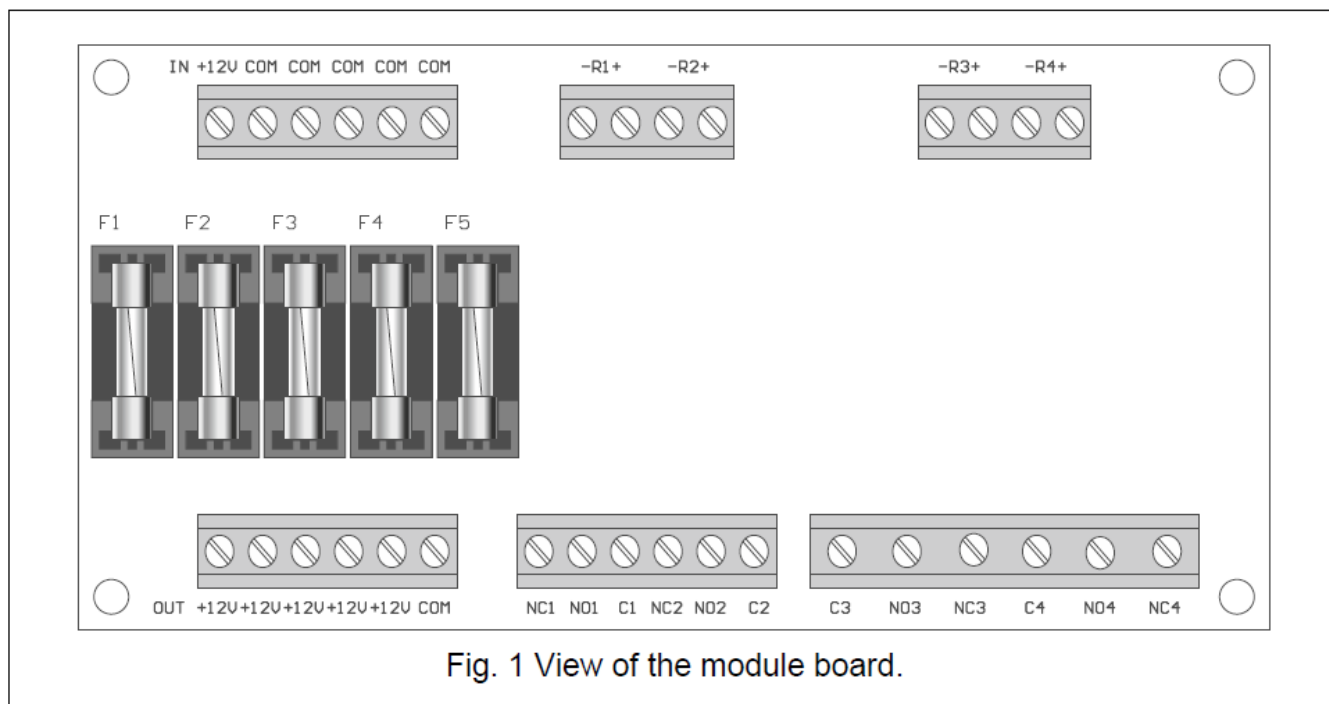


Fig. 1 View of the module board.

Description of terminals

IN +12 V -: +12 VDC power input.

COM: – common ground.

-R1+...-R4+ – relay control inputs. Connect common ground to “-” terminal and + 12 VDC voltage to “+” terminal.

OUT +12 V – +12 VDC power outputs are protected with time-delay fuses.

NC1...NC4 – relay output normally closed contact.

NO1...NO4 – relay output normally open contact.

C1...C4 relay output common contact.

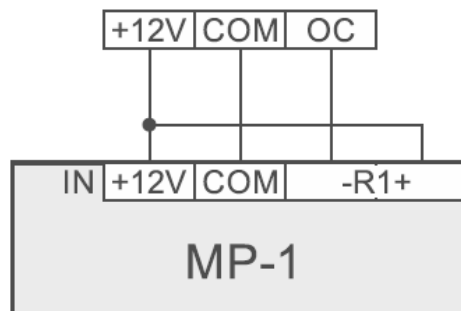


Fig. 2 Example of connecting the OC type output to the module (OC type output shorted to common ground when active).

Specifications

- Supply voltage 12 VDC $\pm$ 15%
- Fuse F1...F5 T 400 mA
- Relay output 1...2 (resistive load) DC 2 A / 30 VDC
- AC 1 A / 125 VAC
- Relay output 3...4 (resistive load) DC 8 A / 30 VDC
- AC 8 A / 230 VAC
- Environmental class according to EN 50130-5 II
- Operating temperature range -10°C...+55°C
- Maximum humidity 93 $\pm$ 3%
- Dimensions 140 x 68 mm
- Weight 106 g

The declaration of conformity may be consulted at www.satel.eu/ce

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Documents / Resources

	Satel MP-1 Relay Module [pdf] Instructions MP-1, Relay Module, MP-1 Relay Module
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References

- [Intelligent Security Solutions | SATEL](#)

-  satel.eu/ce

Manuals+.