Wireless multifunctional relay for DIN-rail installation

Code: AC-160-DIN



The wireless multifunctional relay is a component of the JABLOTRON 100+ system, but it can be equally installed as a stand-alone device without a link to a control panel.

Product description:

It provides a switching contact relay with galvanic and safety isolation for switching 230 V/16 A power loads. The relay can respond to the status of control panel PG outputs or to the activation of devices of the JA-15x series with unidirectional communication, enrolled directly to the relay. The response can be selected from five modes – the default NATURAL function (extended copy), IMPULSE, STATUS CHANGE, SWITCH OFF and BLOCK. The relay also has a button for a direct manual status change. It allows you to update the firmware via a USB port. It is designed to be mounted on a DIN rail. It occupies one position in the system.

Technical information:

Operational power	230 V/50 Hz
Own power consumption for 230 V AC (min/max)	0.5 W/1.7 W
Communication band	868.1 MHz, Jablotron protocol
Antenna	Internal/optional external antenna type AN-868
MFR Contact rating - protection class II:	
- Maximum switching voltage	250 V AC
- Resistive load (cos?=1)	max. 16 A
- Inductive, capacitive load (cos?=0,4)	max. 8 A
- Halogen lights	max. 1000 W
- Minimum switching DC power	0.5 W
Recommended connection wires	max. 2 x 1.5 mm^2; max. 1 x 2.5 mm^2
IP covering	IP-20 (according to EN 65529), IP-40 (with a front panel)
Dimensions	18 x 90 x 64 mm
Weight	65 g
Operational temperature range	-10 °C to + 40 °C, relative humidity 75% no condensation

Complies with	ETSI EN 300 220-1, EN 50130-4, EN 55022, EN 60950-1, EN 50581
Can be operated to	ERC REC 70-03