



AC-160-C Mounting-box-fitted wireless multifunctional power relay

The wireless multifunctional power relay is a component of the JABLOTRON 100+ system. Enrolled to the control panel, the relay copies selected PG outputs.

○ [Declaration of conformity - AC-160-C \(PDF 320.72 kB\)](#)

Description

The relay can also be installed as an autonomous device responding to the activation of unidirectional wireless detectors of the JA-15x series. In this case, the relay triggers according to the mode selected for the particular detector (5 selectable modes: extended copy, impulse, change status, switch off and block). It provides a switching relay with galvanic safety separation for switching 230V/16A power loads. In the system it occupies one position.

Technical specifications

Operational power	100 - 230 V/50 - 60 Hz
Own power consumption for 230 V AC (min/max)	0.2 W/0.7 W
Communication band	868.1 MHz, Jablotron protocol
Antenna	Internal
MFR Contact rating - protection class II:	
- Maximum switching voltage	250 V AC
- Resistive load ($\cos\phi=1$)	max.16 A
- Inductive, capacitive load ($\cos\phi=0,4$)	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 60529), IP-40 (with a front panel)
Dimensions	49 x 49 x 26 mm
Weight	65 g

Operational temperature range

-10 to + 40°C, relative humidity 75% no condensation

Complies with

ETSI EN 300 220-1, EN 50130-4, EN 55022, EN 60950-1

Can be operated to

(ERC REC 70-03)