

RCD21 Receiver module

Open-Collector

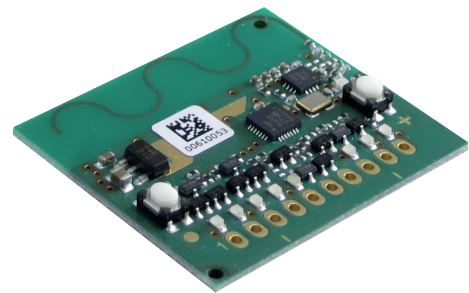


The RCD21 open-collector receiver module allows existing controllers and devices to be upgraded or combined with a wireless interface.

32 transmission codes can be paired with each open collector output. Open collector outputs activate the selected mode accordingly. A transmission code can be paired with any number of outputs.

The programming is retained even in the event of a power failure. Only four OC outputs are used for activating the "Battery Low" RCD21 variant.

A Battery Low output (BL) is allocated to each switching output. This Battery Low output signals low voltage telegrams by switching the corresponding output for one second.

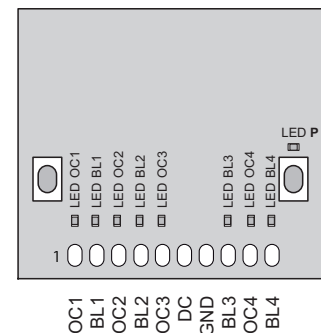


RCD21E500xD1

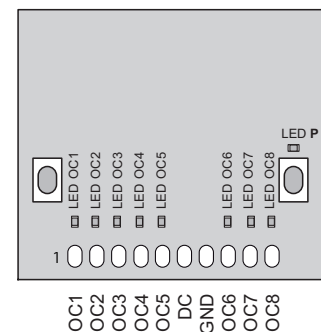
Technical specifications

Coding	Not necessary, unit "learns" transmission code. Up to 32 transmitters per OC channel can be programmed.
Conformity	EN 300 220
Frequency	868.30 MHz
Power supply	3-8 V DC or 8-30 V DC
Power consumption	
RCD21E500xA01	max. 28 mA
RCD21E500xD1	15 mA
Output	8x open-collector
Max. contact duty per OC	20 mA
Control	ON/OFF (2-button operation) ON/OFF (1-button operation) DEAD MAN (1-button operation)
Operating temperature	-20 °C to +60 °C
Dimensions (W/L/H)	35/31/3.5 mm, Grid 2.54 mm RCD21E500xA01 only: pin length 3.2 mm

Wiring diagram



RCD21E5004D1



RCD21E5008D1

Scope of delivery

- Receiver module open-collector
- Operating manual

Models

Product numbers	Product numbers
RCD21E5004A01-EP	Receiver module open-collector, 4 channel, Easywave 868.3 MHz, 3-8 V DC, Battery Low
RCD21E5004D1	Receiver module open-collector 4 channel, Easywave 868.3 MHz, 8-30 V DC, Battery Low, without pin header
RCD21E5008A01-EP	Receiver module open-collector, 8 channel, Easywave 868.3 MHz, 3-8 V DC
RCD21E5008D1	Receiver module open-collector 8 channel, Easywave 868.3 MHz, 8-30 V DC, without pin header