



Transmit



Receive



Decode



Control

Radio Access Control RCA02

Baseline

The Radio Access Control RCA02 is exclusively designed as a receiver device operating on the frequencies of 868 MHz or 433 MHz. It receives up to 700 individual ELDAT-coded Multibit-Telegrams. It can be used with a low voltage power supply.

When a memorized signal is received a relay impulse is sent and the relay switches the attached consumer e.g. an underground garage door directly.

The switching time of the relay can be adjusted between 1 and 99 seconds.



RCA02-XX01M-01

Technical Details

Coding	not necessary, transmission code is memorized
Channels	1
Power Supply	24 V AC/DC $\pm 10\%$
Output	1 floating relay contact (normally open contact)
Max. Contact Duty	see Table of Loads
Degree of Protection	IP66
Operating Temperature	-20 °C to +60 °C
Dimensions	180 x 94 x 59 mm

Scope of Delivery

- Radio Access Control
- Antenna (internal)
- Mounting Accessories
- Operating Manual

Models

Product Key	Description	Frequency
on request	Radio Access Control	315 MHz
RCA02-4101M-01	Radio Access Control	433,92 MHz
RCA02-5001M-01	Radio Access Control	868,30 MHz
on request	Radio Access Control	916,50 MHz

Connection Diagram

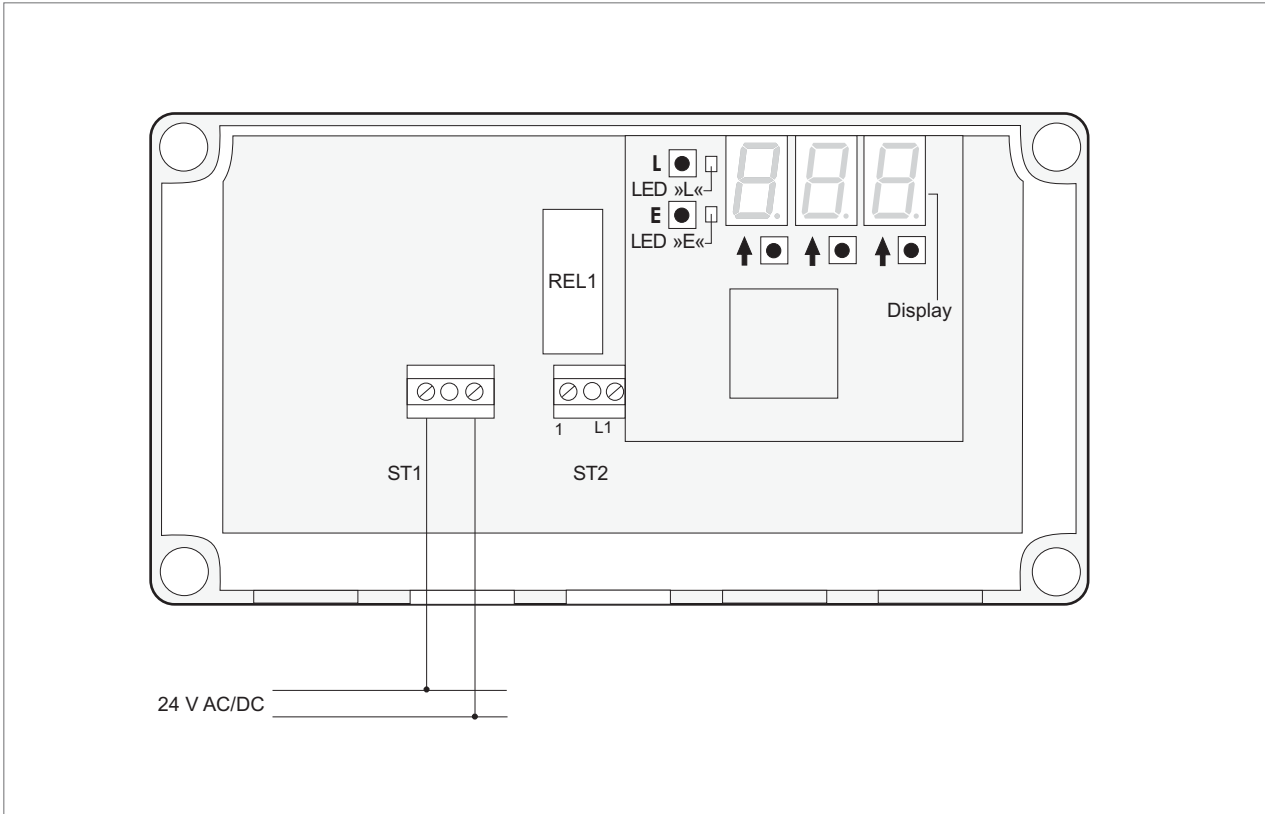


Table of Loads

Type of loads	max. load
resistive load: lamps, 230 V halogen lamps etc.	16,0 A / 3.680 VA
inductive load: halogen lamps with wound transformers (min. load of transformer 85%)	2,6 A / 600 VA
non- or serial-compensated fluorescent lamps with ferromagnetic ballasts	10,0 A / 2.300 VA
parallel-compensated fluorescent lamps with ferromagnetic ballasts	2,6 A / 600 VA
capacity EVG: electronic cut-in units, electronic transformers etc.	4,0 A / 920 VA