

RFGate 2.2.F.A

306921B

Radio transmission system, consisting of 2 transmitter RFGate 2.2.S.F and 1 receiver RFGate 2.2.R.A

General data

Channels 2
 Input programmable for safety edge (8k2) / NC / NO
 Range 100 m at optimum conditions
 Communication Bidirectional
 Frequency bands 868.95 MHz / 869.85 MHz
 Radiated power < 5 dbm / 3 mW



Transmitter

Mechanical data

Material (housing) Polyamide light grey
 Connection 4 Screw terminals

Electrical data

Supply voltage 2 Lithium batteries 3V (CR2032)
 Battery life typ. 2 years
 Current consumption transmitting: 17mA; idle state: 16µA
 Input programmable for safety edge (8k2) or contact NC or NO
 Available codes 65'536
 Dip-switches factory setting: ON, OFF, see picture

Receiver

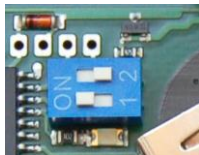
Mechanical data

Material (housing) Polyamide grey
 Connection 12 screw terminals

Electrical data

Supply voltage 12–24 VAC/DC –10% / +20%
 Power consumption 0,5 W at 12 V / 1,2 W at 24 V
 Transmitter memory 7 transmitters per channel
 Outputs 2 Relays 24 VDC, 1A; with parallel resistance 8,2 kOhm as option
 Test input galvanically isolated, NC or NO (adjustable with DIP-switch)
 Display 3 LEDs (2 status outputs; 1 programming)
 Dip-switches 5; factory setting: ON, OFF, OFF, OFF, ON, see picture
 Low battery indication Acoustical and optical

Factory setting Dip-switches
 Transmitter



Receiver



Ambient conditions

Protection category IP55
 Operating temperature -20°C to +55°C
 Storage temperature -40°C to +80°C
 Rel. air humidity < 95%, non-condensing

Approvals

EN 300 220, EN 301 489
 EN ISO 13849-1 (PL c, Cat.2, MTTF_d 28.8)

RFGate 2.2.F.A

306921B

Scope of Delivery

One RFGate 2.2.F.A includes:

- 2 **340871** RFGate 2.2.S.F Transmitter, slim housing, 1 screw inserted
- 1 **306923** RFGate 2.2.R.A Receiver, housing with cable gland, 2 screws inserted
- 4 Batteries CR2032
- 1 Manual de (308076)
- 1 Manual en (308077)
- 1 Manual fr (308078)
- 1 Manual it (308111)
- 1 manual nl (308110)
- 1 Manual sv (308079)
- 1 Plastic bag with 12 screws to fix the covers and 6 screws for mounting

Packed in a cardboard box 200 x 170 x 120 mm

Dimensions:

