

RFGate 2.1.W2

Part No. 365398

DATASHEET

Single channel radio transmission system

System with one receiver and one transmitter with integrated wicket door switch

General data

Frequency bands	868.95 MHz / 869.85 MHz
Range in m	100 at optimum conditions
Communication	Bidirectional
Radiated power	< 5 dbm / 3 mW

Receiver

RFGate 2.1.R

Dimensions	189 x 50.8 x 36 mm
Material (housing)	Polycarbonate smoke-coloured
Terminals	7 screw terminals
Supply voltage	12–24 VAC/DC -10% / +20%
Power consumption	0.5 W at 12 V / 1,2 W at 24 V
Transmitter memory	10 transmitters
Output	relay 24 VDC, 1A
Option	with parallel resistor 8,2 kOhm
Test input	To be provided by a galvanically isolated contact NC or NO (adjustable by DIP-switch)
Display	2 LEDs (status output: programming)
Low battery indication	Acoustical and optical
Dip-switches	4; factory setting: ON, OFF, OFF, OFF, see picture

Transmitter

RFGate 2.1.W2.S

Dimensions (transmitter)	58 x 66 x 16 mm
Dimensions (magnet)	17 x 66 x 16 mm
Material (housing)	ABS light grey
Supply voltage	2 Lithium batteries 3V (CR2032)
Battery life	Typ. 2 years (type RENATA)
Current consumption	Transmitting: 17mA; idle state: 16µA
Switching Distance	5 mm
Available codes	65'536

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

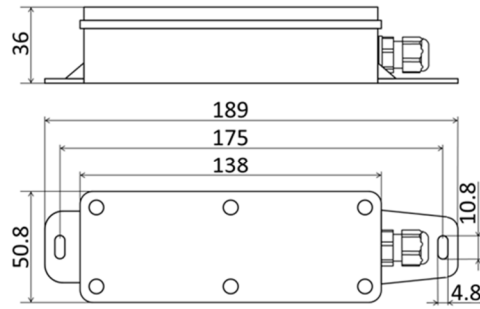
EN 300 220, EN 301 489
EN ISO 13849-1 (PL c, Cat.2, MTTFd 28.8)

Box contents

Receiver, transmitter, 2 batteries, 6 instruction manuals (de, en, fr, it, nl, sv), mounting material
Packed in a cardboard box 195 x 100 x 56 mm



Dimensions
Receiver



Transmitter

