

RFGate 3.2.W

Part No. 393148

DATASHEET

Dual channel Radio Transmission System

System with one receiver and two transmitters, one of them with integrated wicket door switch and magnet part

General data

Frequency bands	868.15 MHz / 869.525 MHz
Range in m	100 at optimum conditions
Communication	Bidirectional
Radiated power	< 5 dbm / 3 mW
Reaction time (typical)	30 ms

Receiver

RFGate 3.2.R

Dimensions	120 x 75 x 24 mm
Material (housing)	ASA light grey
Terminals	10, push-in spring connection conductor cross section 0.25 – 0.75 mm ²
Supply voltage	12-36 VAC/DC
Power consumption	0,5 W at 12 V / 1,2 W at 24V
Transmitter memory	2 x 7 transmitters
Outputs	2 x 2 relays 24 VAC/DC, 1 A
Options	with parallel resistor 8,2 kOhm with serial resistor 1,2 kOhm (jumper)
Display	2 LEDs bicoloured (status outputs, programming)
Low battery indication	Acoustical and optical
Indication about the quality of the radio transmission	Acoustical
Dip-switches (frequency band, split)	2, factory settings: OFF, ON

Transmitter

RFGate 3.2.T

Dimensions	120 x 50 x 23 mm
Material (housing)	ASA light grey
Terminals	4, push-in spring connection conductor cross section 0.25 – 0.75 mm ²
Supply voltage	2 Lithium batteries 3V (CR2032)
Battery life	Typ. 2 years (type RENATA)
Current consumption	Transmitting 17mA; idle state 16µA
Available codes	65'536
Display	LED blue (flashes when actuated)
Dip-switches (8k2 / NO-NC)	2, factory setting: ON, OFF

Transmitter

RFGate 3.W.T

Dimensions (transmitter)	58 x 66 x 16 mm
Dimensions (magnet)	17 x 66 x 16 mm
Material (housing)	ABS light grey
Input	Magnetic field
Supply voltage	2 Lithium batteries 3V (CR2032)
Battery life	Typ. 2 years (type RENATA)
Current consumption	Transmitting 17mA; idle state 16µA
Available codes	65'536
Display	LED red (flashes when actuated)

Ambient conditions

Protection category	IP65
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 (PLd, Cat.3, MTTFD 46)

Box 1 contents

Receiver

6 instruction manuals (DE, EN, FR, IT, NL, SV), mounting material

Box 2 contents

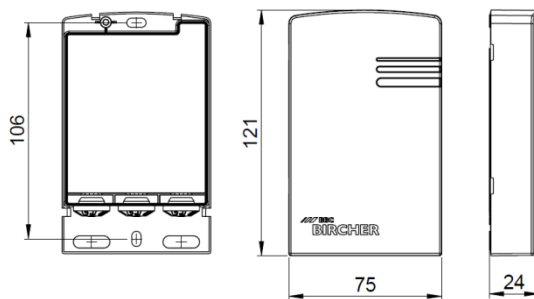
Transmitter, 2 batteries CR2032, instruction manuals (supplementary sheets, in DE, EN, FR, IT, NL, SV), mounting material

Box 3 contents

Transmitter, magnet, 2 batteries CR2032, instruction manuals (supplementary sheets, in DE, EN, FR, IT, NL, SV) and mounting material

Dimensions

Receiver



Transmitters

