

RFGate 3.1.R.A

Part No. 386777

DATASHEET

Receiver to Radio Transmission System

Receiver with one safety output, for external antenna

Mechanical data

Dimensions	125 x 50 x 23 mm
Material (housing)	ASA light grey
Terminals	6, push-in spring connection conductor cross section 0.25 – 0.75 mm ²
Cable strain relief	Built in (for cable-Ø 3.1 to 5.2 mm)
Plug for external antenna	SMA (f)
Weight in gr	80

Electrical data

Supply voltage	12-36 VAC/DC
Power consumption	0,5 W at 12 V / 1,2 W at 24V
Frequency bands	868.15 MHz / 869.525 MHz
Transmitter memory	7 transmitters
Output	2 relays 24 VAC/DC, 1 A
Options	with parallel resistor 8,2 kOhm with serial resistor 1,2 kOhm (jumper)
Display	LED bicoloured (status output, programming)
Dip-switch (frequency band)	factory setting: OFF

In combination with a RFGate-3 transmitter

Range in m (at optimum conditions)	80, depending on antenna
Communication	Bidirectional
Radiated power	< 5 dbm / 3 mW
Low battery indication	Acoustical and optical (on the receiver)
Indication about the quality of the radio transmission	Acoustical

Approvals

EN 300 220, EN 301 489
EN ISO 13849-1 (PLd, Cat.3, MTTFD 49)

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



Box content

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

Dimensions

