

XRF-R.1

Part No. 407688

DATASHEET

Receiver to XRF wireless transmission system

Receiver with one safety output

Mechanical data

Dimensions	121 x 50 x 23 mm
Material (housing)	ASA light grey
Terminals	8, 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)
Weight	75 g

Electrical data

Supply voltage	12–36 V DC; 12–36 V AC, 48–62 Hz
Power consumption	Max. 0.6 W
Test input (for Cat. 2 applications)	U _{th} > 10 V AC/DC, < 11 mA @ 36 V
Safety output	1 (with 2 relays) Max. 36 V AC/DC, 1 A NO (with parallel resistor 8.2 kOhm) / NC (with 1A fuse)
Details	
Display	2 LED bicolor (1x visible w/o cover only)
Pushbutton	For pairing
Dip-switch (test input)	Factory setting: OFF (= high active)

In combination with XRF transmitters

Number of supported sensors	Max. 14
Range	100 m at optimum conditions
Reaction time	Typ. 15 ms
Communication	Bidirectional
Operating frequency	868.3 MHz
Radiated power	< 10 dbm / 10 mW
Low battery indication	Acoustic and optical (on the receiver)

Approvals

EN 300 220, EN 301 489	
EN ISO 13849-1 (PL d, Cat. 3, MTTFd 291 y)	Test input for Cat. 2 applications

Ambient conditions

Protection category	IP65
Operating temperature	-20°C to +60°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

