

XRF-R.2

Part No. 407692

DATASHEET

Receiver to XRF wireless transmission system

Receiver with two safety outputs

Mechanical data

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|---------------------|--|
| Dimensions | 121 x 75 x 24 mm |
| Material (housing) | ASA light grey |
| Terminals | 12, 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 | 100 g |

Electrical data

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|--------------------------------------|--|
| Supply voltage | 12–36 V DC; 12–36 V AC, 48–62 Hz |
| Power consumption | Max. 0.8 W |
| Test input (for Cat. 2 applications) | U _{th} > 10 V AC/DC, < 11 mA @ 36 V |
| Safety outputs | 2 (each with 2 relays) 36 V AC/DC, 1 A NO (with parallel resistor 8.2 kOhm) / NC (with 1A fuse) |
| Details | |
| Display | 3 LEDs bicolor (1x visible w/o cover only) |
| Joystick (for pairing) | 5 positions |
| Dip-switch (test input) | Factory setting: OFF (= high active) |

In combination with XRF transmitters

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|-----------------------------|--|
| 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

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|--|------------------------------------|
| EN 300 220, EN 301 489 | |
| EN ISO 13849-1 (PL d, Cat. 3, MTTFd 153 y) | Test input for Cat. 2 applications |

Ambient conditions

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|-----------------------|-----------------------|
| Protection category | IP65 |
| Operating temperature | -20°C to +60°C |
| Storage temperature | -40°C to +80°C |
| Rel. air humidity | < 95%, non-condensing |



Box contents

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

Dimensions

