

Data Sheet

Remote Control R06 Receiver

The R06 receiver is highly customizable with many features and mounting kits to ensure reliable and safe operation in potentially dangerous applications.

Features

- Multiband Radio with Full-Duplex communication
- External LEDs for troubleshooting
- Highly field-customizable
- Removable EEPROM SIM module
- STOP: PLd, Category 3 according to EN ISO 13849-1:2008
- 6 digital outputs

Benefits

- Easy and fast maintenance
- Multi-feedback capability
- Frequency management against interferences

Applications

Industrial lifting and automation

Comprehensive technical literature is online at www.danfoss.com





Technical data

| Description | Value |
|--|---|
| Stop function (400-900MHz) | Cat. 3-PLd |
| Ingress Protection rating | IP65/NEMA4 |
| Frequency band - ERP | 433.050 to 434.040 MHz; ERP<1mW |
| | 434.040 to 434.790 MHz; ERP<10mW |
| | 869.700 to 870.000 MHz; ERP<5mW |
| | 902.000 to 928.000 MHz; ERP<1mW |
| Range Line of sight (guaranteed) | 100m |
| AC power supply | 48 - 230 Vac \pm 25% (Multivoltage) / 18-30 Vac (700mA) |
| DC power supply | 8 - 36 Vdc (2A) |
| Antenna | Internal |
| Removable EEPROM | Internal |
| Signaling | External |
| STOP Outputs (400-900MHz) | 1 (6A) |
| Start Relay | 1 (6A) |
| Safety Relay | 1 (6A) |
| ON/OFF outputs | 6 (6A) |
| Proportional Outputs | N/A |
| CAN Bus Protocols | CANopen |
| ON/OFF inputs | Option |
| Analog inputs | Option |
| Response Time | 100ms |
| Maximum Total output current | 8A |
| Operating Temperature Range | -20 °C to 70 °C (-4 °F to 158 °F) |
| Storage Temperature Range (24h) | -25°C to 75°C (-13°F to 167°F) |
| Storage Temperature Range (long periods) | -25°C to 55°C (-13°F to 131°F) |
| Relative Humidity | max. 95% without condensation |
| Weight | 640 grams |
| Dimensions (LxWxH mm) | 151x129x61 |
| Tether connection | N/A |
| Associated transmitters (400-900MHz) | Ikargo1, T70/1, T70/2, IK2 |
| Options | |
| Inputs | 4 Digital or 1 Proportional input board |

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