

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	Cat. 3-PLd
Ingress Protection rating	IP65/NEMA4
Frequency band	Multiband (400 - 930 MHz)
AC power supply	48 - 230 Vac \pm 25% (Multivoltage) / 18-30 Vac
DC power supply	8 - 36 Vdc
Antenna	Internal
Removable EEPROM	Internal
Signaling	External
ON/OFF outputs (maximum)	6
Analog outputs (maximum)	N/A
CANopen	Yes
ON/OFF inputs (maximum)	4
Analog inputs (maximum)	1
Maximum output current	6A
Working temperature range	-20 °C to 70 °C (-4 °F to 158 °F)
Weight	640 grams
Dimensions (LxWxH mm)	151x129x61
Cable connection	Yes
Range limiter	Yes
Associated transmitters	T70 1, IK2

Data Sheet

Remote Control R11 Receiver

The R11 receiver is highly customizable with many features and mounting kits to ensure reliable and safe operation in potentially dangerous applications.

Features

- Removable EEPROM SIM module
- Frequency management against interferences
- STOP: PLd, Category 3 according to EN ISO 13849-1:2008
- 11 digital outputs
- Optional protection relay

2.4 GHz

- Radio with full-duplex communication

Benefits

- Easy and fast maintenance

Applications

- Standard EOT cranes



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online at www.danfoss.com



Technical data

Specification	Value
Stop function	Cat. 3-PLe EN12849-1 and SIL 3 IEC 61508 / IEC 62061
Ingress protection	IP65/NEMA4
Frequency band	2.4 GHz
AC power supply	48-230 Vac (Multi-voltage)/18-30 Vac
DC power supply	8-36 Vdc
Antenna	Internal
Removable EEPROM	Internal
Signaling	Internal
ON/OFF outputs (maximum)	11
Analog outputs (maximum)	N/A
CANopen, Profibus-DP	N/A
ON/OFF inputs (maximum)	N/A
Analog inputs (maximum)	N/A
Maximum output current	8A
Working temperature	-20° C to +70° C (-4° F to +158° F)
Weight	800 grams
Dimensions	164x210x60 mm
Cable connection	N/A
Associated transmitters	IKORE, IKORE B

Data Sheet

Remote Control R13 B Receiver

The R13 B 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
- External removable EEPROM SIM module
- STOP: PLd, Category 3 according to EN ISO 13849-1:2008
- Multi-feedback capability
- 13 digital outputs

Benefits

- Easy and fast maintenance
- Frequency management against interferences
- Suitable for all common proportional valves

Applications

Industrial lifting and automation

Comprehensive technical literature is online at www.danfoss.com





Technical data

Description	Value
Stop function	Cat. 3-PLd
Ingress Protection rating	IP65/NEMA4
Frequency band	Multiband (400 - 930 MHz)
AC power supply	48 – 230 Vac \pm 25% (Multivoltage) / 18 – 30 Vac
DC power supply	8 – 36 Vdc
Antenna	Internal
Removable EEPROM	External
Signalling	External
ON/OFF outputs (maximum)	13
Analog outputs (maximum)	N/A
CANOpen, Profibus-DP	N/A
ON/OFF inputs (maximum)	4
Analog inputs (maximum)	1
Maximum output current	8A
Working temperature range	-20 °C to 70 °C (-4 °F to 158 °F)
Weight	1350 grams
Dimensions (LxWxH mm)	245x160x80
Cable connection	N/A
Associated transmitters	T70/1, T70/2, T70/1 ATEX, T70/2 ATEX, IK2, IK3