

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 ±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

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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

Comprehensive technical literature is 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

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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 ±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

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