

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