

Data Sheet

# Remote Control R11 Receiver

The R13F 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: PLe, Category 4
- 11 digital outputs

## 2.4 GHz

- Radio with full-duplex communication

## Benefits

- Easy and fast maintenance

## Applications

- Standard EOT cranes



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Comprehensive technical literature is  
online at [www.danfoss.com](http://www.danfoss.com)

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### Technical data

Specification	Value
Stop function (2.4 GHz)	Cat. 4-PLe
Ingress protection	IP65/NEMA4
Frequency band - ERP	2405MHz to 2475MHz 20dBm/100mW
Range Line of sight (guaranteed)	100m
AC power supply	48 - 240 Vac / 18 - 30 Vac (500mA)
DC power supply	8 - 36 Vdc (2A)
Antenna	Internal
Removable EEPROM	Internal
Signaling	Internal
STOP Outputs (2.4GHz)	2 (6A)
Start Output	1 (8A)
Safety Relay	1 (8A)
ON/OFF outputs	11 (8A)
Proportional Outputs	N/A
CAN Bus Protocols	N/A
ON/OFF inputs	N/A
Proportional inputs	N/A
Maximum Total Output Current	8A
Response Time	100ms
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	800 grams
Dimensions LxWxH mm	164x210x60 mm
Tether Connector	N/A
Associated transmitters (2.4 GHz)	Ikore, IkoreB, Icompact, Ikargo1, Ikargo2, IK1-G, IK2, IK3, IK4