Wireless module - RAD-ISM-900-SET-BD-BUS - 2867089

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Bidirectional, wireless, 900 MHz transmission system (America), made up of 2 transceivers (transmitter and receiver)

Why buy this product

- Additional transceivers can be added to configure repeater systems
- Two omnidirectional antennas (optional)
- Two pre-programmed transceivers that automatically communicate with each other
- No additional parameterization or programming required
- Individual transceivers are listed under Class I, Division 2
- Operates in the license-free 902 - 928 MHz ISM band
- Status of the wireless connection via a relay (RF link)
- Each transceiver has 1 analog input (4 ... 20 mA) and 2 digital inputs (5 ... 30 V AC/DC), as well as 1 analog output and 2 digital outputs, for direct connection to compatible sensors and actuators and for data transmission in both directions
- The integrated bus foot enables connection to additional I/O modules
- Frequency hopping spread spectrum

Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	440.000 g
Custom tariff number	85176200
Country of origin	Canada

Technical data

Note

Trade restriction	The products are offered exclusively for export outside the EU and the European Economic Area.

Dimensions

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Technical data

Dimensions

Width	22.5 mm
Height	99 mm
Depth	114.5 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Degree of protection	IP20

Wireless set

Set contents	2 transceivers

General

Mounting position	any
Assembly instructions	DIN rail NS 35
Housing material	Polyamide PA non-reinforced
Conformance	FCC Directive, Part 15.247
	ISC Directive RSS 210

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	2.5 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	14
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3

Standards and Regulations

Electromagnetic compatibility	FCC Part 15.247 / ISC RSS 210
Channel distance	22 kHz
Conformance	FCC Directive, Part 15.247
	ISC Directive RSS 210

Drawings

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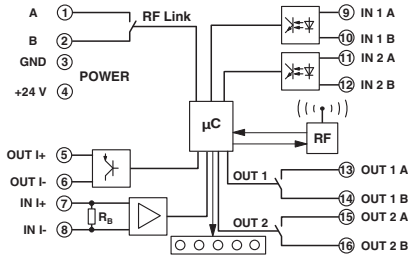
Block diagram



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