

Wireless module - RAD-ISM-900-DATA-BD-AU - 2867953

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Wireless transceiver (transmitter and receiver) with RS-232, RS-485/RS-422 interface, for 900 MHz ISM band (Australia)

Product Features

- Up to 254 slaves can be connected to one master
- Operates in the license-free 902 - 928 MHz ISM band
- The individual devices can be configured as master, slave or repeater
- Can be programmed for point-to-point, point-to-multipoint, and multipoint-to-point configurations
- Provides an interface for I/O data transmission between a 900 MHz wireless transmission system and RS-232, RS-422 or RS-485 interfaces
- Frequency hopping spread spectrum
-



Key commercial data

| | |
|--------------------------------------|-----------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 205.7 GRM |
| Custom tariff number | 85176200 |
| Country of origin | Canada |

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 |

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Ambient conditions

| | |
|----------------------|------|
| Degree of protection | IP20 |
|----------------------|------|

Wireless set

| | |
|--------------|---------------|
| Set contents | 1 transceiver |
|--------------|---------------|

Wireless path

| | |
|------------------------------|-------------------------|
| Direction | Bi-directional |
| Frequency range | 915.1 MHz ... 927.8 MHz |
| Transmission power | 1 W |
| Number of channel groups | 2 |
| Number of channels per group | 63 |

Serial interface

| | |
|-----------------------------|---------------------------------------|
| Designation | RS-232 |
| Data rate | 1,2 / 2,4 / 9,6 / 19,2 / 38,4 kBit/s |
| Connection method | D-SUB 9 (socket) |
| File format/coding | Asynchronous |
| Data flow control/protocols | RTS/CTS |
| Designation | RS-485/RS-422 |
| Data rate | 1,2 / 2,4 / 9,6 / 19,2 / 38,4 kBit/s |
| Connection method | COMBICON plug-in screw terminal block |

Supply

| | |
|-----------------------------|--------------------|
| Supply voltage | 24 V DC |
| Supply voltage range | 9 V DC ... 30 V DC |
| Typical current consumption | 110 mA |
| Max. current consumption | 180 mA |

General

| | |
|-----------------------|--|
| Mounting position | any |
| Assembly instructions | on standard DIN rail NS 35 in accordance with EN 60715 |
| Housing material | Polyamide PA non-reinforced |

Connection data

| | |
|---------------------------------------|---------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 4 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 12 |
| Connection method | Screw connection |

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Connection data

| | |
|------------------|------|
| Stripping length | 8 mm |
| Screw thread | M3 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27250312 |
| eCl@ss 4.1 | 27250312 |
| eCl@ss 5.0 | 27242208 |
| eCl@ss 5.1 | 27242208 |
| eCl@ss 6.0 | 27242208 |
| eCl@ss 7.0 | 27242208 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC000310 |
| ETIM 3.0 | EC000310 |
| ETIM 4.0 | EC000310 |
| ETIM 5.0 | EC000310 |

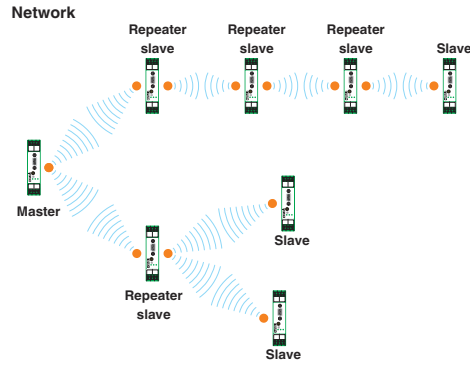
UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211506 |
| UNSPSC 7.0901 | 43223108 |
| UNSPSC 11 | 39121008 |
| UNSPSC 12.01 | 43223108 |
| UNSPSC 13.2 | 43223108 |

Drawings

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Application drawing



单击下面可查看定价，库存，交付和生命周期等信息

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