

RAD-ISM-900-TX-AU - Wireless module



2867458

<https://www.phoenixcontact.com/us/products/2867458>

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Transmitter as replacement device, for unidirectional, wireless 900 MHz transmission system (Australia)

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 2867458 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | NULL |
| Product key | DNC651 |
| GTIN | 4046356046855 |
| Weight per piece (including packing) | 444.44 g |
| Weight per piece (excluding packing) | 444.44 g |
| Customs tariff number | 85176990 |
| Country of origin | CA |

Technical data

Product properties

| | |
|--------------|-----------------|
| Product type | Wireless module |
|--------------|-----------------|

Electrical properties

Supply Transmitter

| | |
|-----------------------------|---------------------|
| Supply voltage | 24 V DC |
| Supply voltage range | 12 V DC ... 30 V DC |
| Typical current consumption | 75 mA |
| Max. current consumption | 350 mA |

Input data

Digital

| | |
|---|--------------------------|
| Input voltage range | 5 V AC/DC ... 30 V AC/DC |
| Switching threshold "0" signal, voltage | max. 1.5 V DC |
| Switching threshold "1" signal voltage | min. 5 V DC |

Analog

| | |
|--------------------------------|------------------------------|
| Description of the input | Current input (analog input) |
| Current input signal | 4 mA ... 20 mA |
| Input resistance current input | < 170 Ω |

Analog

| | |
|--------------------------|-------------------------------|
| Description of the input | Voltage input (digital input) |
|--------------------------|-------------------------------|

Connection data

| | |
|----------------------------------|---|
| Connection method | Screw connection |
| Stripping length | 8 mm |
| Conductor cross-section flexible | 0.2 mm ² ... 2.5 mm ² |
| Conductor cross-section rigid | 0.2 mm ² ... 2.5 mm ² |
| Cross section AWG | 24 ... 14 |
| Screw thread | M3 |

Interfaces

Wireless

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

Wireless

| | |
|-----------------|-------------------------|
| Frequency range | 915.1 MHz ... 927.8 MHz |
|-----------------|-------------------------|

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Wireless

| | |
|----------------|---------|
| Frequency band | 900 MHz |
|----------------|---------|

Dimensions

| | |
|--------|----------|
| Width | 22.5 mm |
| Height | 99 mm |
| Depth | 114.5 mm |

Material specifications

| | |
|------------------|-----------------------------|
| Color | green |
| Housing material | Polyamide PA non-reinforced |

Environmental and real-life conditions

Ambient conditions

| | |
|---|-------------------|
| Degree of protection | IP20 |
| | IP20 |
| Ambient temperature (operation) | -40 °C ... 70 °C |
| | -40 °F ... 158 °F |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |

EMC data

| | |
|-------------------------------|-----------------|
| Electromagnetic compatibility | FCC Part 15.247 |
|-------------------------------|-----------------|

Mounting

| | |
|-------------------|--|
| Assembly note | on standard DIN rail NS 35 in accordance with EN 60715 |
| Mounting position | any |

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Environmental product compliance

China RoHS

| | |
|--|---|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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