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Wireless module - RAD-ISM-900-XD-BUS - 2885605

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Transceiver (transmitter and receiver) for expanding multipoint to point connections for 900 MHz bidirectional wireless transmission system (American version)

Product Features

- Additional transceivers can be added to configure point-to-multipoint or repeater systems
- The system comprises one master and up to eight slave stations
- Operates in the license-free 902 - 928 MHz ISM band
- Frequency hopping spread spectrum
- The integrated bus foot enables connection to additional I/O modules

Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	250.0 GRM
Custom tariff number	85299040
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
Degree of protection	IP20

Wireless set

Wireless module - RAD-ISM-900-XD-BUS - 2885605

Technical data

Wireless set

Set contents	1 transceiver

General

Mounting position	any
Assembly instructions	on standard DIN rail NS 35 in accordance with EN 60715
Housing material	Polyamide PA non-reinforced
Conformance	FCC Directive, Part 15.247
	ISC Directive RSS 210
UL, USA / Canada	UL applied for

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Connection method	Screw connection
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
eCl@ss 8.0	27242208

ETIM

ETIM 2.0	EC000310
ETIM 3.0	EC000310
ETIM 4.0	EC000310
ETIM 5.0	EC000310

Wireless module - RAD-ISM-900-XD-BUS - 2885605

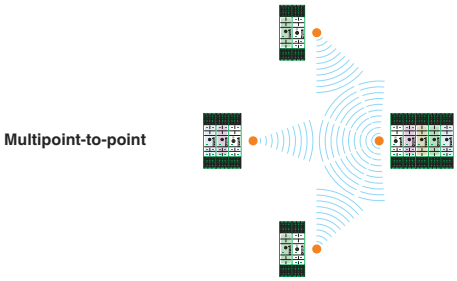
Classifications

UNSPSC

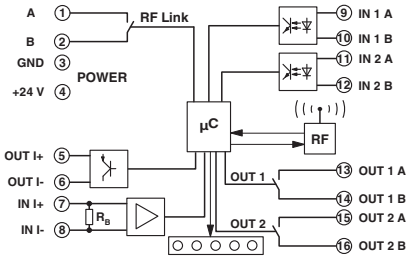
UNSPSC 6.01	30211506
UNSPSC 7.0901	43223108
UNSPSC 11	39121008
UNSPSC 12.01	43223108
UNSPSC 13.2	43223108

Drawings

Application drawing



Block diagram



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