

Serial Device Server

ICDM-RX/TCP-16RJ45/RJ45-RM



- Web-based configuration
- RS-232/422/485 software selectable interfaces
- NEMA TS2 Certified
- TCP/IP & UDP Socket Services
- Device drivers (Windows and Linux)
- Rack mount with RJ45 serial connectors

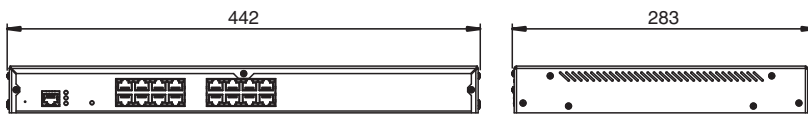
Device Server 16-port rack mount RJ45



Function

The ICDM-RX/TCP product family enables the connection of serial devices (RS-232 / RS-422 / RS-485) using a device driver (Windows or Linux) or Ethernet TCP/IP devices using socket services to an industrial Ethernet network. The integrated webserver enables complete configuration of all module parameters like serial interface, baud rate, parity, data bits, stop bits, or flow control. Products are available in different versions for DB9 or screw terminal connection.

Dimensions



UNIT HEIGHT = 43.7

Technical Data

General specifications		
UL File Number		E185802
Functional safety related parameters		
MTBF		15.5 a
Indicators/operating means		
LED indication		see manual
Electrical specifications		
Rated operating voltage		U _e 90 ... 260 V AC
Surge protection		15 KV / 200 A for 1 ns
Interface		
Interface type		Software selectable interfaces: RS-232 , RS-422 , RS-485 (2 and 4-wire)
Physical		16 x RJ45
Protocol		Raw serial
Supported baud rates		300 bps to 230Kbps
Interface 1		
Interface type		Industrial Ethernet
Physical		1 x RJ45
Protocol		TCP/IP
Additional protocols		ARP, BOOTP, DHCP/RARP, HTTP, HTTPS, SSH, SSL/TLS, ICMP, RFC 1006 (ISO over TCP), SNMP (MIB-II), TCP/IP &UDP socket services, Telnet, and TFTP, and supports IP multicast data transmission
Transfer rate		10/100 Mbps

Release date: 2024-10-01 Date of issue: 2024-10-01 Filename: 70114048_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

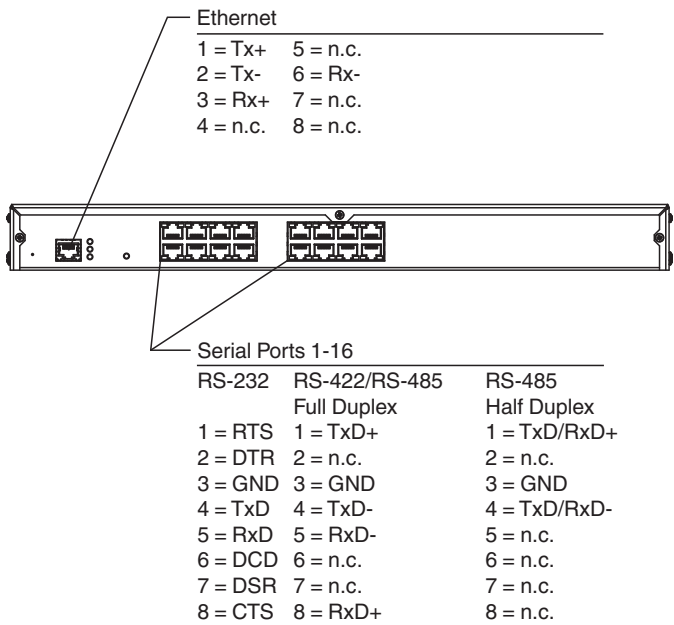
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

 **PEPPERL+FUCHS**

Technical Data

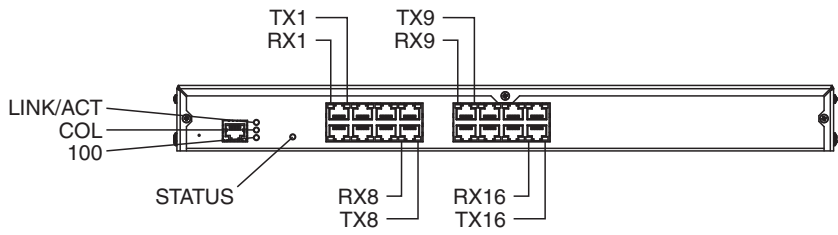
Directive conformity		
Electromagnetic compatibility		
Directive 2014/30/EU		EN 55032:2015+A11:2020 , EN 55035:2017/A11:2020
Low voltage		
Directive 2014/35/EU		EN 62368-1:2014
RoHS		EN IEC 63000:2018
Standard conformity		
Electrical safety		EN 62368-1:2014-08
Emitted interference		EN 55032, FCC Part 15 Subpart B, ICES-003, AS/NZS CISPR 32
Noise immunity		EN 55035:2017/A11:2020
Ambient conditions		
Ambient temperature		-40 ... 75 °C (-40 ... 167 °F)
Storage temperature		-40 ... 85 °C (-40 ... 185 °F)
Relative humidity		max. 95 %
Altitude		0 ... 3048 m
Mechanical specifications		
Degree of protection		IP20
Connection		Internal power supply: US and EURO cords Fieldbus: 1 x RJ45 Inputs/outputs: 16 x RJ45
Material		
Housing		steel, black coated
Mass		2.83kg
Dimensions		
Height		44.2 mm
Width		273.4 mm
Length		438.2 mm
Construction type		Cabinet module
Mounting		Rack mount

Connection



Release date: 2024-10-01 Date of issue: 2024-10-01 Filename: 70114048_eng.pdf

Indication



Release date: 2024-10-01 Date of issue: 2024-10-01 Filename: 70114048_eng.pdf