

Serial Device Server

ICDM-RX/TCP-32RJ45/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

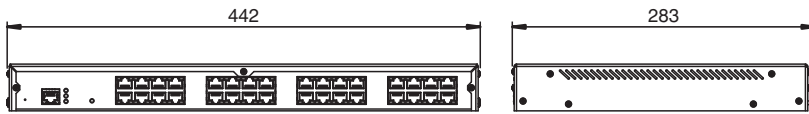
Device Server 32-port rack mount RJ45



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 12.9 a

Indicators/operating means

LED indication see manual

Electrical specifications

Rated operating voltage U_e 90 ... 260 V AC

Interface

Interface type Software selectable interfaces: RS-232 , RS-422 , RS-485 (2 and 4-wire)

Physical 32 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

Directive conformity

Release date: 2022-05-11 Date of issue: 2022-05-11 Filename: 70114050_eng.pdf

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

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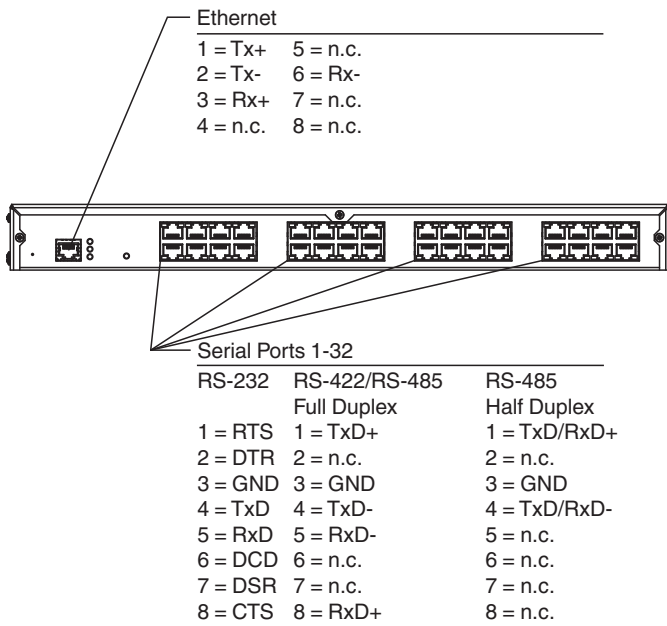
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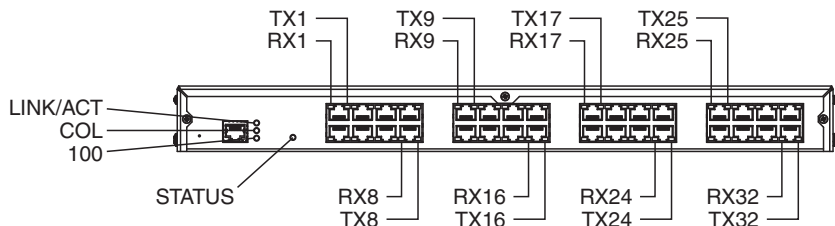
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Technical Data

Electromagnetic compatibility	
Directive 2014/30/EU	EN 55024 , EN 55032
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 55024
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	
Housing length	438.2 mm
Housing width	273.4 mm
Housing height	44.2 mm
Degree of protection	IP20
Connection	Internal power supply: US and EURO cords Fieldbus: 1 x RJ45 Inputs/outputs: 32 x RJ45
Material	
Housing	steel, black coated
Mass	2.89kg
Construction type	Cabinet module
Mounting	Rack mount










Assembly



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

Accessories

	V45-G-C5-GN1M-PUR-E1S	Ethernet bus cable male cordset single-ended RJ45, 4-pin, PUR cable green, Cat5e, shielded, UL approved, drag chain suitable
	V45-G-C5-GN3M-PUR-E1S	Ethernet bus cable male cordset single-ended RJ45, 4-pin, PUR cable green, Cat5e, shielded, UL approved, drag chain suitable
	V45-G-C5-GN10M-PUR-E1S	Ethernet bus cable male cordset single-ended RJ45, 4-pin, PUR cable green, Cat5e, shielded, UL approved, drag chain suitable
	V45-G-C5-GN1M-PUR-E1S-V45-G	Ethernet bus cable RJ45 to RJ45 PROFINET-coded, 4-pin, PUR cable green, Cat5e, shielded, UL approved, drag chain suitable
	V45-G-C5-GN3M-PUR-E1S-V45-G	Ethernet bus cable RJ45 to RJ45 PROFINET-coded, 4-pin, PUR cable green, Cat5e, shielded, UL approved, drag chain suitable
	V45-G-C5-GN10M-PUR-E1S-V45-G	Ethernet bus cable RJ45 to RJ45 PROFINET-coded, 4-pin, PUR cable green, Cat5e, shielded, UL approved, drag chain suitable
	V45-G-C5-GN20M-PUR-E1S-V45-G	Ethernet bus cable RJ45 to RJ45 PROFINET-coded, 4-pin, PUR cable green, Cat5e, shielded, UL approved, drag chain suitable