



Serial Device Server

ICDM-RX/TCP-2ST/RJ45-DIN

- DIN-rail mounting and screw terminal connectors
- TCP/IP & UDP Socket Services
- Device drivers (Windows and Linux)
- Web-based configuration
- RS-232/422/485 software selectable interfaces
- NEMA TS2 Certified

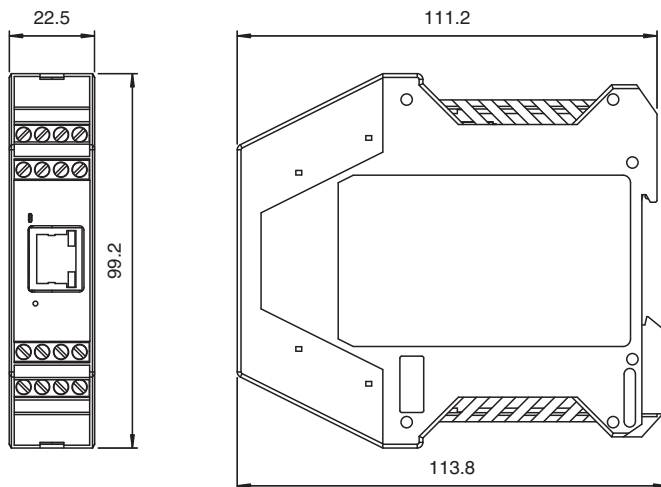
Serial Device Server 2-port DIN rail Screw Terminal



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



Technical Data

General specifications			
UL File Number		E185802	
MTBF		58.6 a	
Indicators/operating means			
LED indication			see manual
Electrical specifications			
Rated operating voltage		U _e	5 ... 30 V DC
Nominal voltage		24 V DC	
Interface			
Interface type		Software selectable interfaces: RS-232 , RS-422 , RS-485 (2 and 4-wire)	
Physical		2 x Screw Terminal	
Protocol		Raw serial	
Supported baud rates			300 bps to 230Kbps

Release date: 2024-06-12 Date of issue: 2024-06-12 Filename: 70114045_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

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

Electromagnetic compatibility		
Directive 2014/30/EU		EN 61000-6-2:2005 , EN 610006-4:2007 , EN 610006-4/A1:2011
RoHS		EN IEC 63000:2018

Standard conformity

Degree of protection		NEMA TS2
Electrical safety		EN 62368-1:2014-08
Emitted interference		EN 61000-6-4, EN 55032, FCC Part 15 Subpart B, ICES-003, AS/NZS CISPR 32.
Noise immunity		EN 61000-6-2 , EN 55024

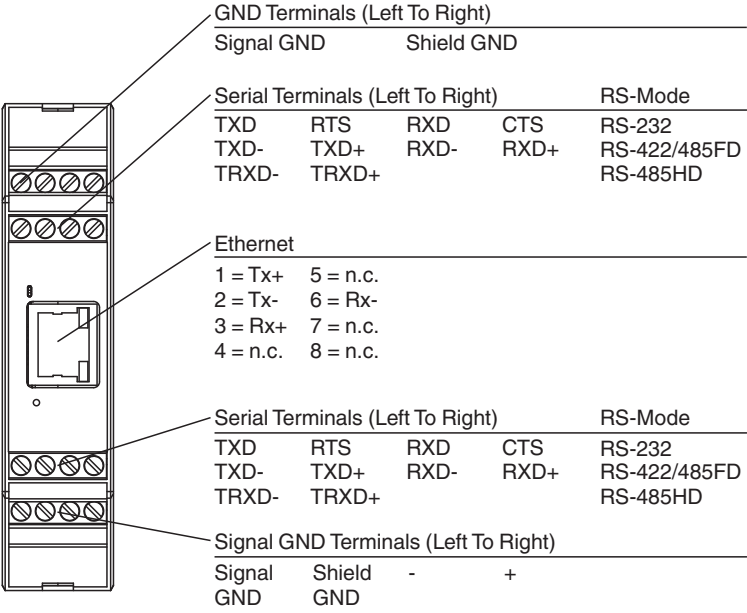
Ambient conditions

Ambient temperature		-40 ... 75 °C (-40 ... 167 °F)
Storage temperature		-40 ... 85 °C (-40 ... 185 °F)
Relative humidity		max. 95 %
Altitude		0 ... 3048 m

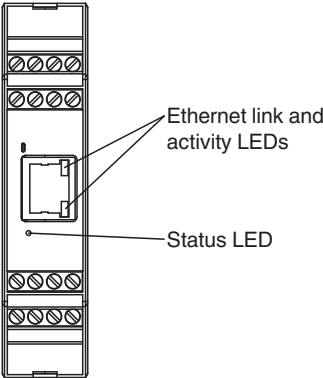
Mechanical specifications

Degree of protection		IP20
Connection		Power Supply: screw terminals Fieldbus: 1 x RJ45 Inputs/outputs: 2 x Screw Terminals
Material		
Housing		Polyamide, UL94V-0
Mass		130.4g
Dimensions		
Height		99 mm
Width		22.6 mm
Length		111 mm
Construction type		Cabinet module
Mounting		DIN mounting rail

Connection



Assembly



Release date: 2024-06-12 Date of issue: 2024-06-12 Filename: 70114045_eng.pdf