

## EtherNet/IP +Gateway ICDM-RX/EN-4DB9/2RJ45-DIN

- DIN-rail mounting and DB9 serial connector
- EtherNet/IP to serial and Ethernet TCP/IP raw/ASCII devices.
- RS-232/422/485 software selectable interfaces
- Web-based configuration
- NEMA TS2 Certified

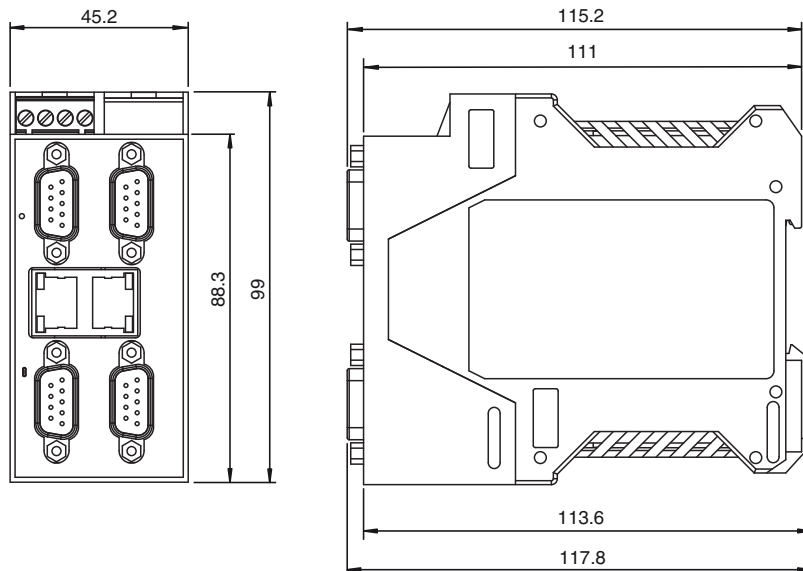
EtherNet/IP Gateway 4-port DIN Rail DB9



### Function

The ICDM-RX/EN product family enables the connection of serial devices (RS-232 / RS-422 / RS-485) or Ethernet TCP/IP devices to an Industrial EtherNet/IP network. Highly advanced raw/ASCII device interface functionality simplifies PLC programming and ensures robust operation. These features greatly simplify connecting devices such as barcode scanners, RFID readers, weigh scales, vision systems, printers, encoders, and sensors to PLCs. The integrated webserver enables complete configuration of all module parameters like serial interface, baud rate, parity, data bits, stop bits, flow control, or delimiting characters. Products are available in different versions for DB9 or screw terminal connection.

### Dimensions



### Technical Data

#### General specifications

UL File Number E360395

#### Functional safety related parameters

Release date: 2021-03-31 Date of issue: 2021-03-31 Filename: 70104872\_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

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## Technical Data

MTBF	42.3 a
<b>Indicators/operating means</b>	
LED indication	see manual
<b>Electrical specifications</b>	
Rated operating voltage	U <sub>e</sub> 5 ... 30 V DC
Nominal voltage	24 V DC
<b>Interface</b>	
Interface type	Software selectable interfaces: RS-232 , RS-422 , RS-485 (2 and 4-wire)
Physical	4 x DB9
Protocol	Raw serial
Supported baud rates	300 bps to 230Kbps
<b>Interface 1</b>	
Interface type	Industrial Ethernet
Physical	2 x RJ45
Protocol	EtherNet/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
<b>Directive conformity</b>	
Electromagnetic compatibility	
Directive 2014/30/EU	EN 61000-6-2 , EN 55024 , EN 61000-6-4 , EN 55032
<b>Standard conformity</b>	
Degree of protection	NEMA TS2
Electrical safety	CSA C22.2 No. 61010-1-12 / CSA C22.2 No. 61010-1-201 UL 61010-1 / UL 61010-1-201
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
<b>Ambient conditions</b>	
Ambient temperature	-40 ... 75 °C (-40 ... 167 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)
Relative humidity	max. 95 %
Altitude	0 ... 3048 m
<b>Mechanical specifications</b>	
Housing length	116.8 mm
Housing width	45.7 mm
Housing height	99.1 mm
Degree of protection	IP20
Connection	Power Supply: screw terminals Fieldbus: 2 x RJ45 Inputs/outputs: 4 x DB9
<b>Material</b>	
Housing	Polyamide, UL94V-0
Mass	204g
Construction type	Cabinet module
Mounting	DIN mounting rail

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**Accessories**

	<p><b>V45-G-C5-GN20M-PUR-E1S-V45-G</b></p>	<p>Ethernet bus cable RJ45 to RJ45 PROFINET-coded, 4-pin, PUR cable green, Cat5e, shielded, UL approved, drag chain suitable</p>
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