

Product data sheet

Characteristics

TCSEGDB23F24FA

Modbus Plus proxy module for Modicon M340 and Modicon M580



Main

Range of product	Modicon X80
Product or component type	Modbus Plus proxy module
Range compatibility	Modicon M340 Modicon M580
Structure type	Industrial bus

Complementary

Communication gateway	Ethernet Modbus TCP to Modbus Plus
Physical interface	10/100BASE-T RS485
Method of access	Token ring Modbus Plus CSMA/CD Modbus TCP
Transmission support medium	Modbus Plus single twisted pair cable Modbus TCP category 5 shielded twisted pair (STP)
Transmission rate	1 Mbit/s, 450 m bus for Modbus Plus per segment 1 Mbit/s, 1800 m bus for Modbus Plus with 3 repeaters 10...100 Mbit/s, 100 m bus for Modbus TCP without repeater
Number of slave	128
Communication service	Modbus TCP messaging Modbus Plus messaging Configuration control Diagnostics Modbus Plus server (scanned by the PLC) FDR SNMP network management Read/Write variables Global Data Peer cop dialogue
Integrated connection type	2 Ethernet TCP/IP - RJ45 for Modbus TCP 2 Modbus - SUB-D 9 for Modbus Plus
Current consumption	300 mA at 24 V DC external
Module format	Standard

Environment

Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-45...85 °C
Relative humidity	10...95 % without condensation
Operating altitude	<= 2000 m

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Nov 1, 2023

Life Is On 

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Offer Sustainability

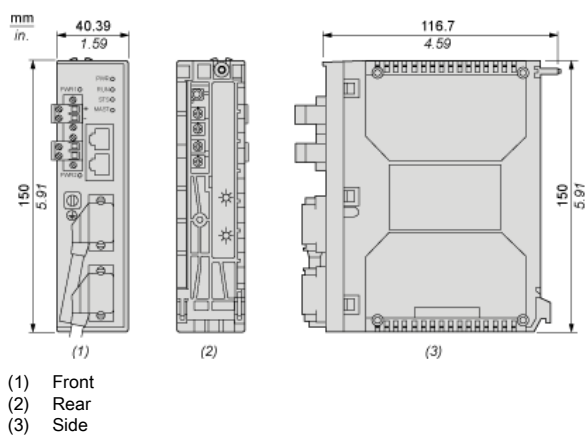
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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Dimensions Drawings

TCSEGDB23F24FA

Dimensions

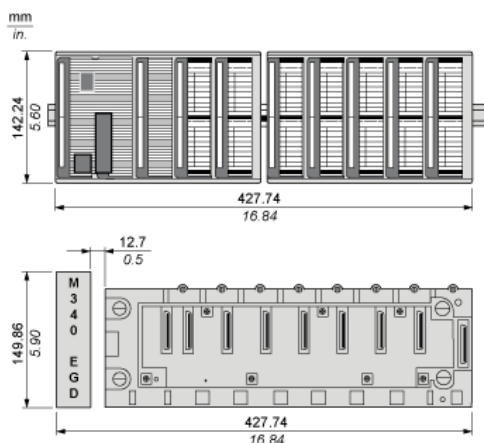


Product data sheet

Mounting and Clearance

TCSEGDB23F24FA

Mounting and Clearance





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