

Product data sheet

Specifications



proxy module, Modicon X80, Modbus Plus, for Modicon M340 and Modicon M580

TCSEGDB23F24FA

⚠ To be discontinued on: Dec 31, 2026

⚠ To be end-of-service on: Dec 31, 2034

⚠ To be discontinued

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 server device(s)	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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.000 cm
Package 1 Width	18.000 cm
Package 1 Length	26.000 cm
Package 1 Weight	690.000 g
Unit Type of Package 2	S04
Number of Units in Package 2	12
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	9.122 kg

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

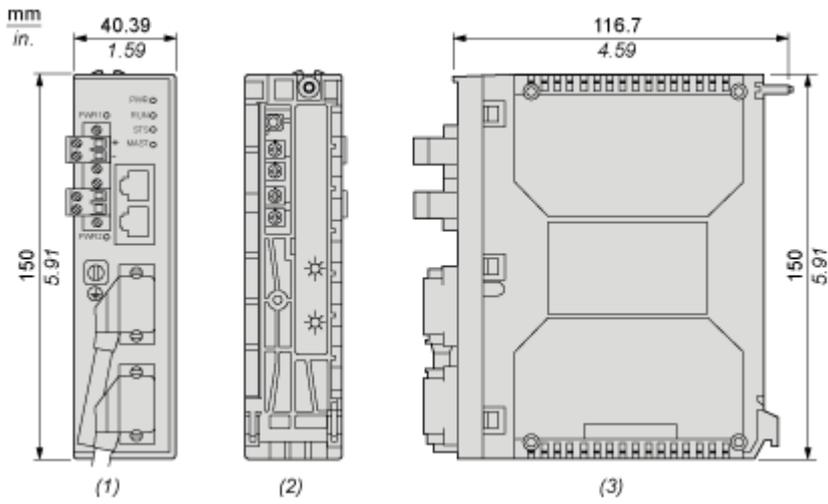
 Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACH Regulation	REACH Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Again

 Repack and remanufacture	
Take-back	No

Dimensions Drawings

Dimensions



- (1) Front
- (2) Rear
- (3) Side

Mounting and Clearance

Mounting and Clearance

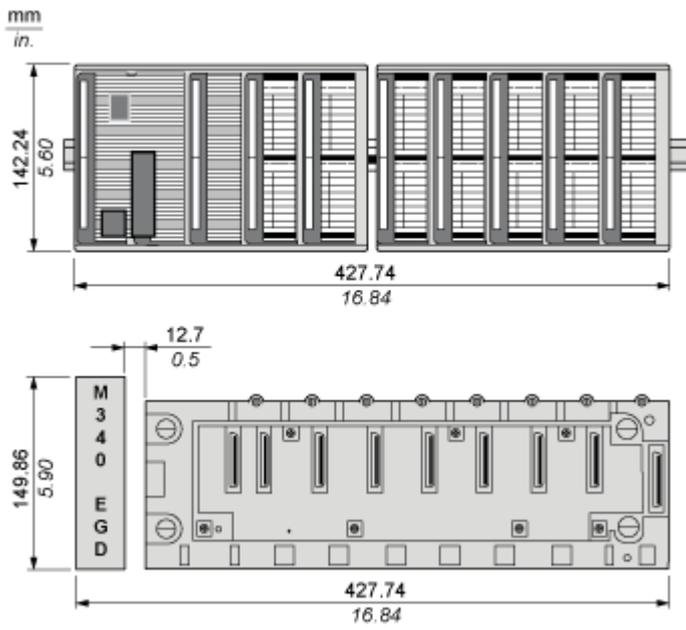


Image of product / Alternate images

Alternative

