Product data sheet

Specifications



To be discontinued

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

Product availability: Stock - Normally stocked in distribution facility

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, 1476.4 ft (450 m) Modbus Plus per segment 1 Mbit/s, 5905.5 ft (1800 m) Modbus Plus with 3 repeaters 10...100 Mbit/s, 328.08 ft (100 m) 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 Modbus TCP 2 Modbus - SUB-D 9 Modbus Plus
Current consumption	300 mA 24 V DC external
Module format	Standard

Environment

Ambient Air Temperature for Operation	32…140 °F (0…60 °C)
Ambient Air Temperature for Storage	-49…185 °F (-45…85 °C)
Relative Humidity	10…95 % without condensation

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Operating altitude	<= 6561.68 ft (2000 m)

Ordering and shipping details

Category	US1PC3418160
Discount Schedule	PC34
GTIN	3595864035918
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.362 in (6.000 cm)
Package 1 Width	7.087 in (18.000 cm)
Package 1 Length	10.236 in (26.000 cm)
Package weight(Lbs)	24.339 oz (690.000 g)
Unit Type of Package 2	S04
Number of Units in Package 2	12
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	15.748 in (40.000 cm)
Package 2 Length	23.622 in (60.000 cm)
Package 2 Weight	20.111 lb(US) (9.122 kg)

Contractual warranty

Warranty (in months)	18

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	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
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 Longer

Lifetime extension

Repair	**No**

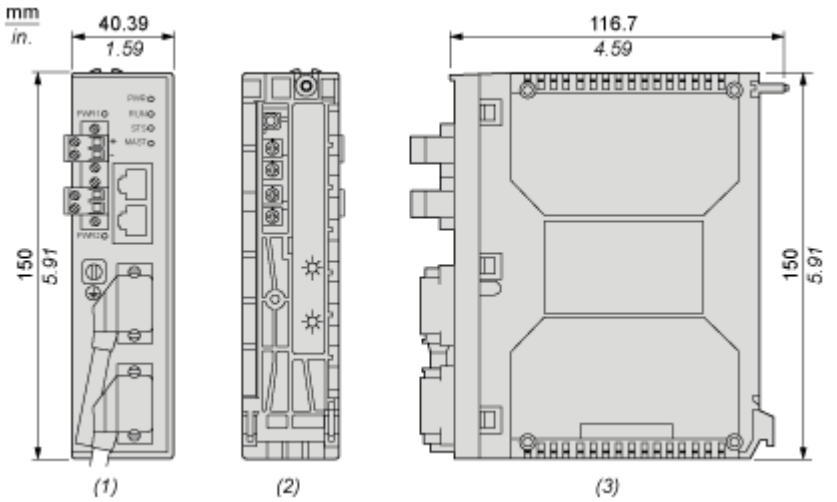
Use Again

Repack and remanufacture

Take-back	**No**

Dimensions Drawings

Dimensions



(1) Front

(2) Rear

(3) Side

Mounting and Clearance

Mounting and Clearance

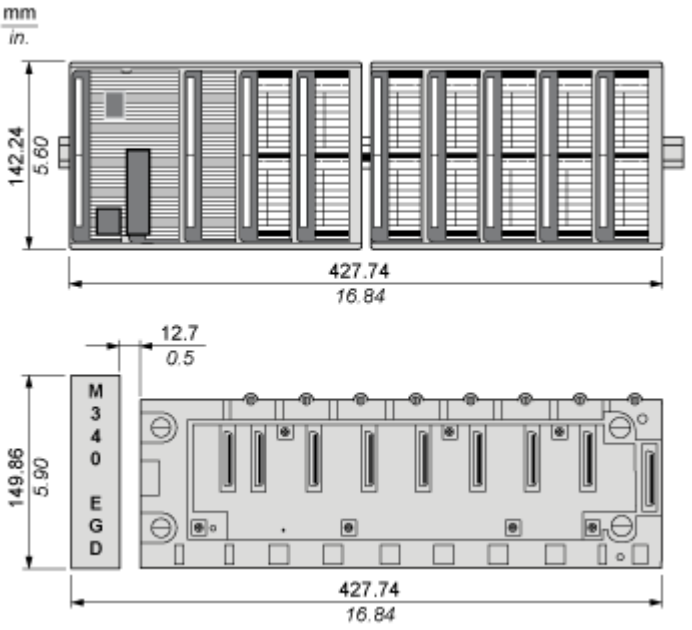
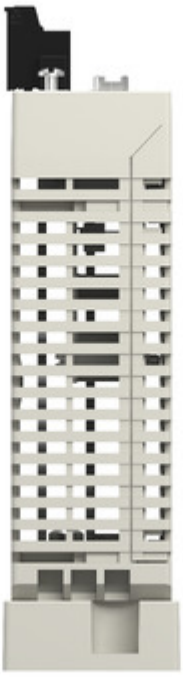
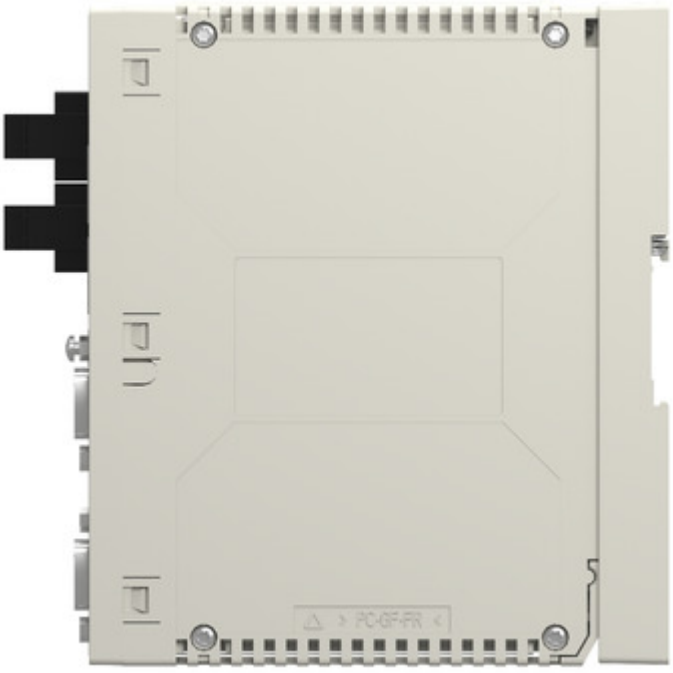


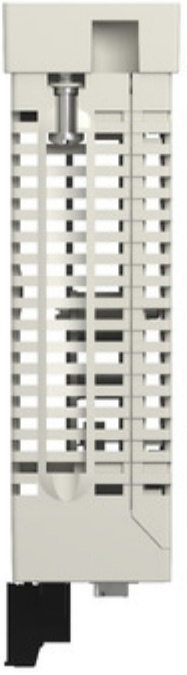
Image of product / Alternate images

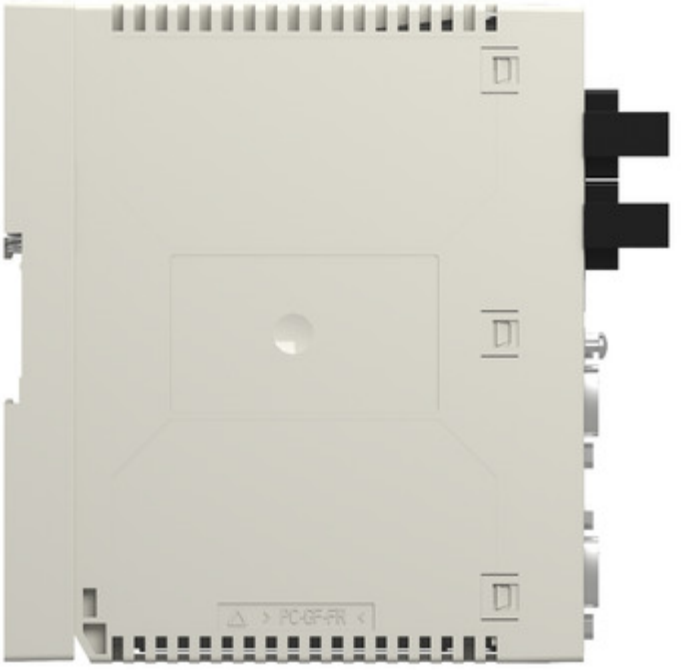
Alternative












TCSEGDB23F24FA
24VDC@0.3A
PWR1
PWR2
PWR
RUN
STS
MAST
ETH LNK/ACT
MAC
ERR-A
MB+ ACT
ERR-B