Product data sheet

TCSEGDB23F24FA
Modbus Plus proxy module - for Modicon M340 PLC

Product availability: Stock - Normally stocked in distribution facility

Price*: 1,530.00 USD

Main
Range of product: Modicon M340 automation platform
Product or component type: Modbus Plus proxy module
Structure type: Industrial bus

Complementary
Communication gateway: Ethernet Modbus TCP to Modbus Plus
Product compatibility: M340 PLC
Physical interface: RS485
10/100BASE-T
Method of access: Token ring (Modbus Plus)
CSMA/CD (Modbus TCP)
Transmission support medium: Single twisted pair cable (Modbus Plus)
Category 5 shielded twisted pair (STP) (Modbus TCP)
Transmission rate: 1 Mbit/s for bus length of 450 m per segment (Modbus Plus)
1 Mbit/s for bus length of 1800 m with 3 repeaters (Modbus Plus)
10...100 Mbit/s for bus length of 328.08 ft (100 m) without repeater (Modbus TCP)
Number of slave: 128
Communication service: Modbus Plus messaging
Configuration control
Diagnostics
Modbus Plus server (scanned by the PLC)
FDR
SNMP network management
Read/write variables
Peer cop dialogue
Global Data
Modbus TCP messaging
Integrated connection type: 2 Ethernet TCP/IP with RJ45 (Modbus TCP)
2 Modbus with SUB-D 9 (Modbus Plus)
Current consumption: 300 mA at 24 V DC external supply
Module format: Standard

Environment
Ambient air temperature for operation: 32...140 °F (0...60 °C)

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.
<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ambient air temperature for storage</td>
<td>-49...185 °F (-45...85 °C)</td>
</tr>
<tr>
<td>Relative humidity</td>
<td>10...95 % without condensation</td>
</tr>
<tr>
<td>Operating altitude</td>
<td>&lt;= 6561.68 ft (2000 m)</td>
</tr>
</tbody>
</table>

**Ordering and shipping details**

<table>
<thead>
<tr>
<th>Category</th>
<th>18160 - MODICON M340</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discount Schedule</td>
<td>PC34</td>
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<tr>
<td>GTIN</td>
<td>00785901614197</td>
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<td>Nbr. of units in pkg.</td>
<td>1</td>
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<tr>
<td>Package weight(Lbs)</td>
<td>1.55</td>
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<tr>
<td>Returnability</td>
<td>Y</td>
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<tr>
<td>Country of origin</td>
<td>FR</td>
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</tbody>
</table>

**Offer Sustainability**

RoHS (date code: YYWW)  
Compliant - since 0914 - Schneider Electric declaration of conformity

REACH  
Reference not containing SVHC above the threshold

**Product environmental profile**  
Available

**California proposition 65**  
WARNING: This product can expose you to chemicals including:

- - - - - - Substance 1  
Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.

- - - - - - More information  
For more information go to www.p65warnings.ca.gov

**Contractual warranty**

Warranty period  
18 months
Dimensions

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

TCSEGDB23F24FA
Mounting and Clearance

TCSEGDB23F24FA

Diagram showing the dimensions and layout of the product.