

Product data sheet

Specifications



IP20 I/O Distributed Performance EtherNet/IP FieldBus Interface TM5 Module

TM5NEIP1

Main

Product Or Component Type Ethernet module

Product Specific Application Bus coupler module

Complementary

Range Compatibility Modicon TM5
Modicon TM7

Product Compatibility Logic controller
Motion controller

Integrated Connection Type Ethernet/IP

Connector Type RJ45 2 Ethernet daisy chain shielded

Exchange Mode Half duplex, full duplex, autonegotiation, auto MDIX

Transmission Rate 10/100 Mbit/s

Web Server Embedded

Local Signalling 1 LED green/red module status
1 LED green/red network
1 LED green Ethernet activity (ETH1)
1 LED green Ethernet activity (ETH2)

Marking CE
EAC
UL
CSA

Width 0.98 in (25 mm)

Height 3.90 in (99 mm)

Depth 2.95 in (75 mm)

Net Weight 0.06 lb(US) (0.025 kg)

Environment

Standards IEC 61131-2:2007
UL 508

Electromagnetic Compatibility Emission standard for industrial environments IEC 61000-6-4 2011/A1
Immunity for industrial environments IEC 61000-6-2

Product Certifications UL 508
CSA 22-2 No 142-M1987
CSA 22-2 No 213-M1987

Ambient Air Temperature For Operation -4...140 °F (-20...60 °C) horizontal position
-4...122 °F (-20...50 °C) vertical position

Ambient Air Temperature For Storage -40...185 °F (-40...85 °C)

Relative Humidity 5...95 % non-condensing

Ip Degree Of Protection	IP20
Pollution Degree	2 IEC 60664
Environmental Characteristic	No corrosion resistance
Operating Altitude	0...2000 m
Storage Altitude	0.00...9842.52 ft (0...3000 m)
Vibration Resistance	3.5 mm constant amplitude 5...84 Hz 35 x 15 mm symmetrical DIN rail 9.8 m/s ² constant acceleration 8.4...150 Hz
Shock Resistance	147 m/s ² 11 ms
Resistance To Electrostatic Discharge	4 kV contact discharge IEC 61000-4-2 8 kV air discharge IEC 61000-4-2
Resistance To Electromagnetic Fields	0.91 V/yd (1 V/m) 2...2.7 GHz IEC 61000-4-3 9.14 V/yd (10 V/m) 80 MHz...2 GHz IEC 61000-4-3
Resistance To Fast Transients	1 kV IEC 61000-4-4 I/O 1 kV IEC 61000-4-4 shielded cable) 2 kV IEC 61000-4-4 power lines)
Surge Withstand	0.5 kV in differential mode 24 V DC IEC 61000-4-5 1 kV in common mode 24 V DC IEC 61000-4-5 1 kV in differential mode 230 V AC IEC 61000-4-5 2 kV in common mode 230 V AC IEC 61000-4-5
Disturbance Radiated/Conducted	10 V 0.15...80 MHz IEC 61000-4-6

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.26 in (3.200 cm)
Package 1 Width	2.36 in (6.000 cm)
Package 1 Length	4.13 in (10.500 cm)
Package 1 Weight	2.50 oz (71.000 g)
Unit Type Of Package 2	S02
Number Of Units In Package 2	50
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	8.58 lb(US) (3.890 kg)

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information Yes

✓ Pvc Free

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Pro-active compliance (Product out of EU RoHS legal scope)
[EU RoHS Declaration](#)

China Rohs Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile [End of Life Information](#)