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 for module status 1 LED green/red for network 1 LED green for Ethernet activity (ETH1) 1 LED green for Ethernet activity (ETH2)
Marking	CE EAC UL CSA
Width	25 mm
Height	99 mm
Depth	75 mm
Net weight	0.025 kg

Environment

Standards	IEC 61131-2:2007 UL 508
Electromagnetic compatibility	Emission standard for industrial environments conforming to IEC 61000-6-4 2011/A1 Immunity for industrial environments conforming to 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	-20…60 °C (horizontal position) -20…50 °C (vertical position)
Ambient air temperature for storage	-40…85 °C
Relative humidity	5…95 % non-condensing

IP degree of protection	IP20
Pollution degree	2 conforming to IEC 60664
Environmental characteristic	No corrosion resistance
Operating altitude	0...2000 m
Storage altitude	0…3000 m
Vibration resistance	3.5 mm constant amplitude at 5…84 Hz on 35 x 15 mm symmetrical DIN rail 9.8 m/s² constant acceleration at 8.4…150 Hz
Shock resistance	147 m/s² for 11 ms
Resistance to electrostatic discharge	4 kV contact discharge conforming to IEC 61000-4-2 8 kV air discharge conforming to IEC 61000-4-2
Resistance to electromagnetic fields	1 V/m 2...2.7 GHz conforming to IEC 61000-4-3 10 V/m 80 MHz...2 GHz conforming to IEC 61000-4-3
Resistance to fast transients	1 kV (I/O) conforming to IEC 61000-4-4 1 kV (shielded cable) conforming to IEC 61000-4-4 2 kV (power lines) conforming to IEC 61000-4-4
Surge withstand	0.5 kV in differential mode 24 V DC conforming to IEC 61000-4-5 1 kV in common mode 24 V DC conforming to IEC 61000-4-5 1 kV in differential mode 230 V AC conforming to IEC 61000-4-5 2 kV in common mode 230 V AC conforming to IEC 61000-4-5
Disturbance radiated/conducted	10 V 0.15...80 MHz conforming to IEC 61000-4-6

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.200 cm
Package 1 Width	6.000 cm
Package 1 Length	10.500 cm
Package 1 Weight	71.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	50
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	3.890 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 ›

Environmental footprint

Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
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**
PVC free	**Yes**

Use Again

Repack and remanufacture

End of life manual availability	**End of Life Information**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**