

TM5NEIP1K

IO field bus kit, distributed, EtherNet/IP,
TM5NEIP1 with bus base with power unit, IP20



Main

Product or component type	Kit for bus coupler 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
Device composition	Bus base for fieldbus interface module TM5ACBN1 TM5ACBN1 Terminal block TM5ACTB12PS EtherNet/IP fieldbus interface module TM5NEIP1 Power distribution module TM5SPS3 TM5NEIP1 TM5SPS3
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
Connector type	Removable spring connector <= 50 insertion/removal cycles
Width	38 mm
Height	99 mm
Depth	75 mm
Net weight	0.08 kg

Environment

Standards	IEC 61131-2:2007 UL 508
Electromagnetic compatibility	Emission standard for industrial environments conforming to IEC 61000-6-4 2005/AC Immunity for industrial environments conforming to IEC 61000-6-2
Product certifications	CE
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/s ² constant acceleration at 8.4...150 Hz
Shock resistance	147 m/s ² 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	6.000 cm
Package 1 Width	10.800 cm
Package 1 Length	17.500 cm
Package 1 Weight	258.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	19
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	5.404 kg