

Product data sheet

Specifications



Modicon Momentum - Ethernet communication adaptor - 10/100 Mbit/s

170ENT11001

Main

Range of product	Modicon Momentum automation platform
Product or component type	Ethernet TCP/IP communication adaptor
Communication port protocol	Ethernet TCP/IP
Method of access	Peer to peer Master/slave
Transmission rate	10/100 Mbit/s
Transmission support medium	Shielded twisted pairs cable

Complementary

Module configuration	BOOTP server to assign IP parameters
Topology	Multidrop, star network
Port Ethernet	100BASE-TX
Number of devices per segment	0...32
Maximum cable distance between devices	1000 m without repeater
Addressing	Unique IEEE global address IP address user assigned
Fail state	Fail safe
Control parameter	CRC-32
Supply	From I/O base
Marking	CE
Local signalling	1 LED (green) for Ethernet network 10 Mbits/s (10T) 1 LED (green) for Ethernet network state (ST) 1 LED (green) for module active (RUN) 1 LED (yellow) for Ethernet network 10 Mbits/s (100T)
Electrical connection	1 connector RJ45 for 100BASE-TX
Net weight	0.07 kg

Environment

Product certifications	CSA UL
Standards	CSA
IP degree of protection	IP20
Protective treatment	TC
Resistance to electrostatic discharge	4 kV contact conforming to IEC 801-2 8 kV on air conforming to IEC 801-2

Resistance to electromagnetic fields	10 V/m 80...1000 MHz conforming to IEC 801-3
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % without condensation
Operating altitude	<= 5000 m

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.000 cm
Package 1 Width	18.300 cm
Package 1 Length	26.100 cm
Package 1 Weight	233.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	2.487 kg

Contractual warranty

Warranty	18 months
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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	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	E618c0ab-f100-4cee-8aef-090f73ce1a54
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

Use Again

 Repack and remanufacture	
Take-back	No