

# Schneider 170ENT11001 Manual

Brand	Schneider
Product Series	Schneider
Product Type	Communication Adapter

## Description

The 170ENT11001 is a communication adapter from Schneider Electric's Modicon Momentum series. It facilitates high-speed data transmission with baud rates of either 10 or 100 megabits per second and supports Ethernet protocols for robust networking.

Technical specifications for 170ENT11001

Manufacturer Schneider Electric

Product Type Communication Adapter

Product Line Modicon Momentum

Part Number 170ENT11001

EAN 3595862034302

Weight 1.00 lbs (0.45 kg)

Baud Rate 10 or 100 megabits per second

Communication Protocol Ethernet Transmission Control Protocol/Internet Protocol

Ambient Operating Temperature 0 to 60°C (in a non-condensing environment)

Protection Class IP20

Access Method Master/Slave and peer-to-peer (P2P)

Transmission Cable Type Shielded twisted pairs cable

Ethernet Port Type 100BASE-TX

Electrical Connection Type RJ45 connector for 100BASE-TX

Number of Devices Per Segment 0 to 32 per segment

Network Topology Star network and multi-drop

Status Indicators 4 LED indicators (3 green and 1 yellow LEDs)

Storage Temperature -40 to 85°C (in a non-condensing environment)

Type of Control Parameter CRC-32

Maximum Cable Distance Between Devices 3,280 feet (1,000 meters)

Request a Repair

## Description

The Modicon Momentum 170ENT11001 by Schneider Electric serves as an efficient communication adapter designed for various networking needs. This device operates using Ethernet Transmission Control Protocol/Internet Protocol and supports dual baud rates of 10 and 100 megabits per second, ensuring flexible speed options for data communication. The recommended transmission medium involves shielded twisted pair cables, allowing reliable connections.

Housed with an RJ45 connector, it is compatible with the 100BASE-TX Ethernet port type for seamless integration. The operational range for this adapter spans from 0 to 60°C, ideal for regular industrial conditions, while the storage temperature extends from -40 to 85°C, ensuring durability in extreme environments.

This adapter adopts a master/slave and peer-to-peer (P2P) access method, facilitating efficient communication protocols across devices. The device supports a maximum cable length of 3,280 feet (1,000 meters) between networked devices, allowing significant flexibility in placement. Configuration can accommodate up to 32 devices per segment.

Additionally, it is equipped with status indicators featuring 3 green and 1 yellow LED lights to denote operational status clearly. Its IP20 class of protection ensures it meets basic standard requirements, and it employs CRC-32 as the control parameter for ensuring data integrity.

Range of Product

Modicon Momentum automation platform

Product or Component Type

Ethernet TCP/IP communication adaptor

Method of access

Peer to peer

Master/slave

Complementary

Communication Port Protocol

Ethernet TCP/IP

Module configuration

BOOTP server to assign IP parameters

Port Ethernet

100BASE-TX

Addressing

Unique IEEE global address

IP address user assigned

Fail state

Fail safe

Transmission support medium

Shielded twisted pairs cable

Transmission Rate

10/100 Mbit/s

Topology

Multidrop, star network

Control parameter

CRC-32

Net Weight

0.15 lb(US) (0.07 kg)

Environment

IP Degree of Protection

IP20

Protective treatment

TC

Marking

CE

Ordering and shipping details

Category

US1PC3118206

Discount Schedule

PC31

GTIN

3595862034302

Returnability

Yes

Country of origin

[www.AutoDCSTech.com](http://www.AutoDCSTech.com)

FR

Packing Units

Unit Type of Package 1

PCE

Nbr. of units in pkg.

1

Package 1 Height

2.362 in (6.000 cm)

Package 1 Width

7.205 in (18.300 cm)

Package 1 Length

10.276 in (26.100 cm)

Package weight(Lbs)

8.219 oz (233.000 g)

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