

Product sheet

Modicon M340 Ethernet RS485 Communication Module

Brand: SCHNEIDER

Reference: IMPO BMXNOR0200H



Communication module for the Modicon M340 platform, compatible with IEC 60870-5-101/104, DNP3 and Modbus TCP protocols. It has Ethernet ports RJ45 10/100 Mbit/s and RS232/485 series. It supports multiple protocols in a single module (teacher and slave), time-marked event management and data storage on 128 MB SD card.

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Description

M340,Com,RTU IEC-DNP3 is a communication module of the Modicon M340 automation platform, designed to integrate control systems into industrial environments through multiple communication protocols. Compatible with Ethernet RJ45 10/100 Mbit/s and RS232/485 series, it allows data transmission in control networks with high reliability.

Technical characteristics

- Ethernet RJ45 10/100 Mbit/s, 1 pair braided, transparent ready, class C30
- RS232/485 RJ45 300/38400 bit/s series, 1 pair braided, transparent ready, class C30
- Protective treatment: formal coaching
- Supported protocols: TCP, Modbus, DNP3, IEC 60870-5-101/-104, IP
- Features: bandwidth management, time-marking events, data recording in CSV files, email notifications/SMS
- Integrated services: web server, FTP client/server, NTP client, SNMP agent, DHCP, BootP, SMTP
- 128000 kB Flash SD memory card (BMXRWS128MWF)
- Power supply: internal through rack
- Consumption: 95 mA to 24 V DC
- Operating temperature: -25...70 °C
- Relative humidity: 10...95 % without condensation
- Degree of protection: IP20
- Local signs: LEDs for Ethernet activity, processor status, memory failure, system failure,

download, serial communication and data speed

- Certifications: EC, UL, CSA, RCM, ATEX area 2/22, IECex area 2/22, UKCA
- Standards: EN/IEC 61131-2, EN/IEC 61010-2-201, EN/IEC 61850-3, EN/IEC 60079-0
- Environmental resistance: Gx gas, powder 3S4, sand 3S4, salt level 2, mold and fungal spores class 3B2

This module allows the management of multiple protocols in a single device, facilitating the integration of heterogeneous systems and transparent transmission of events from remote slaves to SCADA.

Specifications

EAN	3595864105314
Manufacturer	SCHNEIDER
Range	Industrial
Measures	Ethernet RJ45 10/100 Mbit/s, 1 par trenzado, transparent ready, clase C30 RS232/485 serie RJ45 300/38400 bit/s, 1 par trenzado, transparent ready, clase C30
Weight (kg)	0.095 kg
Protection	IP20
Nominal voltage (V)	24 V

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