

# BMXNOE0100H

network module, Modicon M340, Modbus/TCP, 1 x RJ45, flash memory card, for severe environments



## Main

Range of Product	Modicon M340 automation platform
Product or Component Type	Ethernet TCP/IP network module
Product Specific Application	For severe environments
Concept	Transparent Ready
Integrated connection type	Ethernet TCP/IP RJ45 10/100 Mbit/s 1 twisted pair transparent ready class B30
Protective treatment	Conformal coating

## Complementary

Communication service	Bandwidth management Data Editor (via PC terminal) FDR server Rack Viewer SNMP network administrator Global Data I/O scanning Modbus TCP messaging Web server configurable
Port Ethernet	10BASE-T/100BASE-TX
Memory description	Supplied Flash memory card (BMXRWSC016M)
Memory usage	Application saving Activating the standard web server
Supply	Internal power supply via rack
Marking	CE
Local signalling	For activity on Ethernet network (ETH ACT) 1 LED (green) For processor running (RUN) 1 LED (green) For status of Ethernet network (ETH STS) 1 LED (green) For data rate (ETH 100) 1 LED (red) For memory card fault (CARD ERR) 1 LED (red) For processor or system fault (ERR) 1 LED (red)
Control type	RESET push-button cold restart
Current consumption	90 mA 24 V DC
Module format	Standard
Net Weight	0.44 lb(US) (0.2 kg)

## Environment

Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
Relative Humidity	10...95 % without condensation
IP Degree of Protection	IP20
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2014/34/EU - ATEX directive
Product certifications	CE[RETURN]UL[RETURN]CSA[RETURN]RCM[RETURN]EAC[RETURN]Merchant Navy[RETURN]ATEX zone 2/22[RETURN]IECEx zone 2/22

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Standards	IEC 61131-2 IEC 61010-2-201 UL 61010-2-201 CSA C22.2 No 61010-2-201 IACS E10 IEC 61000-6-5, interface type 1 and type 2 IEC 61850-3, location G IEC 60079-0
Environmental characteristic	Gas resistant class Gx ISA S71.04 Gas resistant class 3C4 IEC 60721-3-3 Dust resistant class 3S4 IEC 60721-3-3 Sand resistant class 3S4 IEC 60721-3-3 Salt resistant level 2 IEC 68252 Mold growth resistant class 3B2 IEC 60721-3-3 Fungal spore resistant class 3B2 IEC 60721-3-3 Hazardous location class I division 2

## Ordering and shipping details

Category	18160-MODICON M340
Discount Schedule	PC34
GTIN	3595864024462
Returnability	No
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.17 in (5.5 cm)
Package 1 Width	4.33 in (11.0 cm)
Package 1 Length	4.72 in (12.0 cm)
Package 1 Weight	8.71 oz (247.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	15
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	8.17 lb(US) (3.705 kg)

## Offer Sustainability

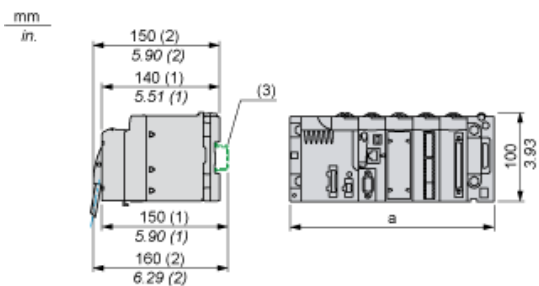
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

## Contractual warranty

Warranty	18 months
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Modules Mounted on Racks

Dimensions



- (1) With removable terminal block (cage, screw or spring).
- (2) With FCN connector.
- (3) On AM1 ED rail: 35 mm wide, 15 mm deep. Only possible with BMXXBP0400/0400H/0600/0600H/0800/0800H rack.

Rack references	a in mm	a in in.
BMXXBP0400 and BMXXBP0400H	242.4	09.54
BMXXBP0600 and BMXXBP0600H	307.6	12.11
BMXXBP0800 and BMXXBP0800H	372.8	14.68
BMXXBP1200 and BMXXBP1200H	503.2	19.81