BMENUA0100H

communication module, Modicon M580, OPC UA, for severe environments

Green Premium™ Product

Main

Range of Product	Modicon M580
Product or Component Type	Communication module
Product compatibility	Ethernet + X-bus rack

Complementary

Integrated connection type	1 Ethernet RJ45 1 Gbit/s double shielded twisted pair 1 Ethernet 100 Mbit/s
Web server	For configuration
Transmission support medium	Ethernet backplane
Communication service	OPC UA server Modbus TCP messaging SNMP network management NTP time synchronization Embedded router OPC UA client
Cybersecurity	Role-based access control System hardening Secure communiction (HTTPS) Achilles certified Syslog protocol support Transport layer security IPSec SNMP logging Certificate based authentication
Port Ethernet	10/100/1000 BASE-TX
Supply	Internal power supply via rack
Protective treatment	Conformal coating
Marking	CE CSA
Module format	Standard
Current consumption	<= 140 mA 24 V DC
Length	3.39 in (86.05 mm)
Width	1.26 in (32 mm)
Height	5.16 in (131 mm)
Net Weight	0.88 lb(US) (0.4 kg)

Environment

Ambient Air Temperature for Operation	-13…158 °F (-25…70 °C)
Relative humidity	5…95 % at 55 °C
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
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
Local signalling	For processor running (RUN) 1 LED (green) For processor or system fault (ERR) 1 LED (red) For ETH MS (Ethernet port configuration status) 1 LED (green/red) For Eth NS (Ethernet network status) 1 LED (green/red) For status (STS) 1 LED (green/red) For communication data bus 1 LED (yellow)

Ordering and shipping details

Category	18160-MODICON M340
Discount Schedule	PC34
GTIN	3606489751371
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.70 in (9.4 cm)
Package 1 Width	6.81 in (17.3 cm)
Package 1 Length	8.54 in (21.7 cm)
Package 1 Weight	9.52 oz (270.0 g)

Offer Sustainability

Sustainable offer status	Green Premium product
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
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile

Circularity Profile	⤢End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions

(1) : Front View

(2) : Side View

(3) : Back View

(4) : Top View