BMENUA0100H

Product compatibility

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





Main Range of Product Modicon M580 Product or Component Communication module Type

Ethernet + X-bus rack

Complementary

Integrated connection type	1 Ethernet RJ45 1 Gbit/s double shielded twisted pair1 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

A 11 (A) T	10 (10 05 (05 - 70 00)	
Ambient Air Temperature for Operation	-13158 °F (-2570 °C)	
Relative humidity	595 % 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]Merchan 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

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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

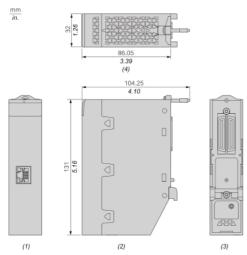
Green Premium product	
WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov	
☑ REACh Declaration	
Pro-active compliance (Product out of EU RoHS legal scope)	
Yes	
China RoHS Declaration	
€Yes	
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.

Product data sheet Dimensions Drawings

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Dimensions



(1): Front View(2): Side View(3): Back View

(4): Top View