

Product data sheet

Specifications



Communication module, Modicon M580, IEC 61850, coated

BMENOP0300C

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of Product	Modicon M580
Product or Component Type	Communication module

Complementary

Product Compatibility	M580 PAC
Physical interface	3 Ethernet 10/100BASE-TX
Transmission support medium	ethernet cable
Transmission rate	10 Mbit/s 100 Mbit/s
Communication service	MMS messaging client IEC 61850 MMS messaging server IEC 61850 Goose IEC 61850 Modbus TCP messaging RSTP support IP forwarding
Current consumption	1250 mA 3.3 V DC internal
Module format	Standard
Product Weight	0.53 lb(US) (0.24 kg)

Environment

Ambient Air Temperature for Operation	32...140 °F (0...60 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Relative Humidity	0...95 % without condensation
Operating altitude	<= 6561.68 ft (2000 m)
Protective treatment	Conformal coating
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2014/34/EU - ATEX directive
Product certifications	CE UL CSA RCM EAC Merchant Navy ATEX zone 2/22 IECEx zone 2/22

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: 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

Standards	EN/IEC 61131-2 EN/IEC 61010-2-201 UL 61010-2-201 CSA C22.2 No 61010-2-201 IACS E10 EN/IEC 61000-6-5 interface type 1 and type 2 EN/IEC 61850-3 location G EN/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	US1PC3418160
Discount Schedule	PC34
GTIN	3606481285997
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.17 in (5.500 cm)
Package 1 Width	4.37 in (11.100 cm)
Package 1 Length	4.57 in (11.600 cm)
Package weight(Lbs)	9.347 oz (265.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	5
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	3.657 lb(US) (1.659 kg)

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	203
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACH Regulation	REACH Declaration
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

Use Again

Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No

Image of product / Alternate images

Alternative





