

Product data sheet

Specifications



communication module, Modicon M580, IEC 61850

BMENOP0300

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
Net 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	<= 2000 m
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility
Environmental Characteristic	Standard environment

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.20 in (5.600 cm)
Package 1 Width	4.37 in (11.100 cm)
Package 1 Length	4.72 in (12.000 cm)
Package 1 Weight	8.96 oz (254.000 g)

Unit Type Of Package 2	S02
Number Of Units In Package 2	15
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	9.13 lb(US) (4.143 kg)

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

Mercury Free

RoHS Exemption Information Yes

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope)

China RoHS Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile [End of Life Information](#)