

Product datasheet

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 for IEC 61850 MMS messaging server for IEC 61850 Goose for IEC 61850 Modbus TCP messaging RSTP support IP forwarding
Current consumption	1250 mA at 3.3 V DC internal
Module format	Standard
Net weight	0.24 kg

Environment

ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-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	5.600 cm
Package 1 Width	11.000 cm
Package 1 Length	11.800 cm
Package 1 Weight	255.000 g

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

Unit Type of Package 2	S02
Number of Units in Package 2	15
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.143 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.eq.CO2 per CR, Total Life cycle)	202
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Environmental Disclosure	Product Environmental Profile
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Use Better

Materials and Substances

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

Repack and remanufacture

Circularity Profile	End of Life Information
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WEEE



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

Take-back

No

Image of product / Alternate images

Alternative





