

# Product datasheet

Specifications



## Communication module, Modicon M580, Ethernet 3 subnets, IP Forwarding function, Coated

BMENOC0321C

EAN Code: 3606480887918

### Main

Range of product	Modicon M580
Product or component type	Communication module

### Complementary

Product compatibility	BMEXBP... - Ethernet + X-bus rack
Supply	Internal power supply via rack
Integrated connection type	3 Ethernet, connector type: RJ45, transmission rate: 10/100/1000 Mbps, transmission mode: double shielded twisted pair
Memory usage	Application saving Activating the advanced web server
Transmission support medium	Ethernet backplane
Communication service	Bandwidth management FDR server Modbus TCP I/O Scanner and Messaging Ethernet/IP I/O Scanner and Messaging RSTP support IP forwarding Email
Web services	FactoryCast configurable
Web server	Advanced
Current consumption	1800 mA at 3.3 V DC
Local signalling	1 LED (green) for processor running (RUN) 1 LED (red) for processor or system fault (ERR) 1 LED (green/red) for ETH MS (Ethernet port configuration status) 1 LED (green/red) for Eth NS (Ethernet network status) 1 LED (green/red) for Eth NS1 (Ethernet network status) 1 LED (green/red) for Eth NS2 (Ethernet network status)
Net weight	0.2 kg

### Environment

IP degree of protection	IP20
Protective treatment	Conformal coating
Ambient air temperature for operation	0...60 °C
Marking	CE

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

<b>Product certifications</b>	CE UL CSA RCM EAC Merchant Navy ATEX zone 2/22 IECEx zone 2/22
<b>Standards</b>	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
<b>Directives</b>	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2014/34/EU - ATEX directive
<b>Environmental characteristic</b>	Gas resistant class Gx conforming to ISA S71.04 Gas resistant class 3C4 conforming to IEC 60721-3-3 Dust resistant class 3S4 conforming to IEC 60721-3-3 Sand resistant class 3S4 conforming to IEC 60721-3-3 Salt resistant level 2 conforming to IEC 68252 Mold growth resistant class 3B2 conforming to IEC 60721-3-3 Fungal spore resistant class 3B2 conforming to IEC 60721-3-3 Hazardous location class I division 2

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	5.500 cm
<b>Package 1 Width</b>	11.000 cm
<b>Package 1 Length</b>	12.000 cm
<b>Package 1 Weight</b>	263.000 g
<b>Unit Type of Package 2</b>	S02
<b>Number of Units in Package 2</b>	15
<b>Package 2 Height</b>	15.000 cm
<b>Package 2 Width</b>	30.000 cm
<b>Package 2 Length</b>	40.000 cm
<b>Package 2 Weight</b>	4.270 kg

## Logistical informations

<b>Country of origin</b>	FR
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## Contractual warranty

<b>Warranty (in months)</b>	18
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## 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

Total lifecycle Carbon footprint 283

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](#)

## Use Again

### Repack and remanufacture

End of life manual availability [End of Life Information](#)

Take-back No

Image of product / Alternate images

Alternative

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