Product data sheet

Specifications



control router, Modicon M580, Ethernet, conformal coating

BMENOC0321C

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
Product certifications	CE UL CSA RCM EAC Merchant Navy ATEX zone 2/22 IECEx zone 2/22

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	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
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2014/34/EU - ATEX directive
Environmental characteristic	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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.500 cm
Package 1 Width	11.000 cm
Package 1 Length	12.000 cm
Package 1 Weight	263.000 g
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	4.270 kg

Contractual warranty

Warranty (in months)	18

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 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**18 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0.1 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**265 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.4 kg CO2 eq.**
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	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
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**

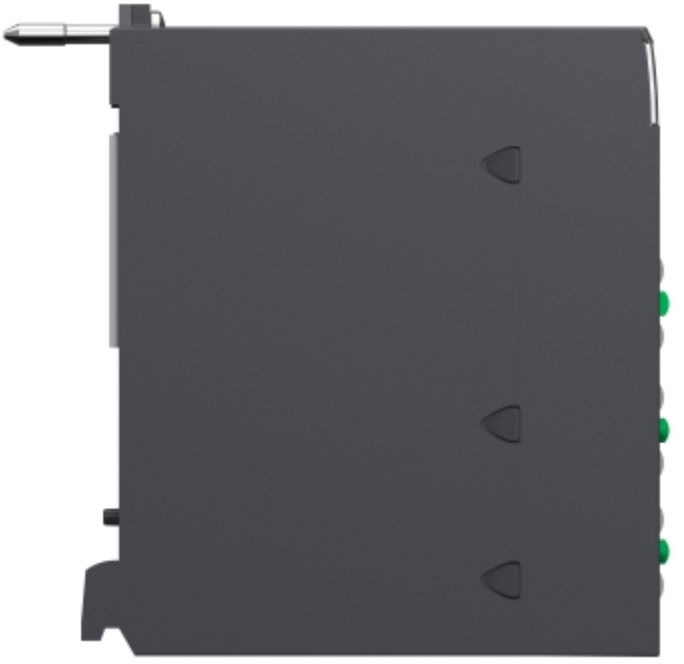
Use Again

Repack and remanufacture

Recyclability potential, in %	**32**
End of life manual availability	**End of Life Information**
Take-back	**No**

Image of product / Alternate images

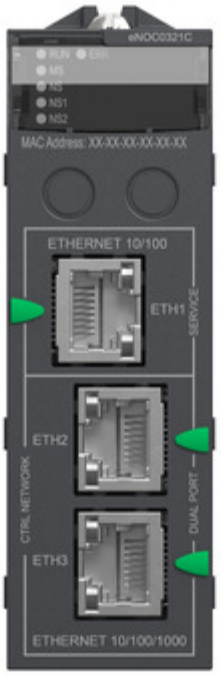
Alternative








SN:XXXXXXXXXXX
PV:XX SV:XX RL:XX


eNOC0321C
RUN
ERR
MS
NS
NS1
NS2
MAC Address: XX-XX-XX-XX-XX-XX
ETHERNET 10/100
ETH1
SERVICE
ETH2
CTRL NETWORK
DUAL PORT
ETH3
ETHERNET 10/100/1000

