Product data sheet

Specifications



Network Option Switch with conformal coating

BMENOS0300C

Main

Range of product	Modicon X80
Product or component type	Switch module
Product compatibility	BMEXBP... backplane

Complementary

[Us] rated supply voltage	24 V for back plane
Power consumption in W	3.3 W at 135 mA 25 °C 4.5 W at 185 mA 60 °C
Number of port	3
Integrated connection type	Ethernet/IP for device network Ethernet/IP for service port
Communication port protocol	EtherNet/IP
Local signalling	1 LED (green) for module active (RUN) 1 LED (red) for module error (ERR) 1 LED (green/red) for module status (Mod Status) 1 LED (green/red) for network communication status (Net Status)
Module format	Standard

Environment

Marking	CE
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
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

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

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
IP degree of protection	IP20
Ambient air temperature for operation	0…60 °C
Ambient air temperature for storage	-40…85 °C
Operating altitude	<= 2000 m
Maximum altitude transport	3000 m
Overvoltage category	II
Relative humidity	95 % without condensation
Protective treatment	Conformal coating

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.800 cm
Package 1 Width	11.200 cm
Package 1 Length	12.200 cm
Package 1 Weight	264.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	5
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	1.636 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	**166 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]	**147 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	**Yes**
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**

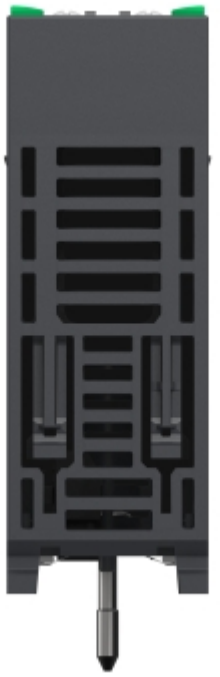
Use Again

Repack and remanufacture

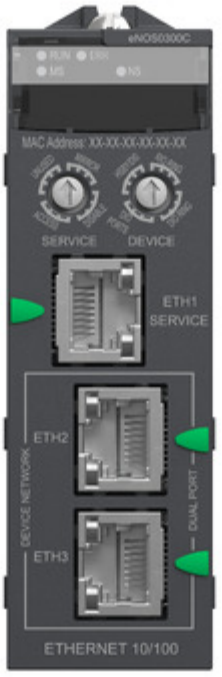
Recyclability potential, in %	**32**
End of life manual availability	**End of Life Information**
Take-back	**No**

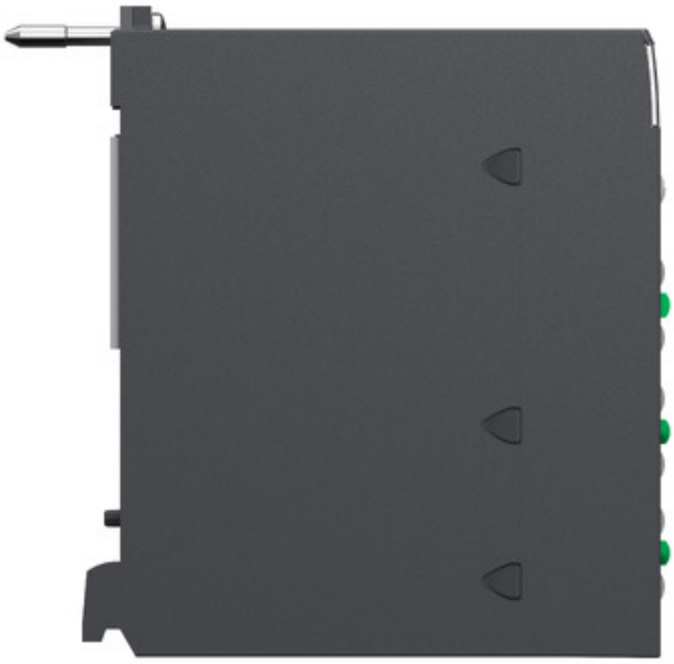
Image of product / Alternate images

Alternative






eNOS0300C
RUN
ERR
MS
NS
MAC Address: XX-XX-XX-XX-XX-XX
SERVICE
DEVICE
ETH1
SERVICE
ETH2
ETH3
DEVICE NETWORK
DUAL PORT
ETHERNET 10/100




Schneider
Electric
Modicon
BMENOS0300C
Mx80 Network Option Switch
DOM : XXXX


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