Product data sheet
Characteristics

BMXNGD0100
communication module, Modicon M580, global data service



Main

Range of product	Modicon M580
Product or component type	Ethernet TCP/IP network module
Integrated connection type	Ethernet RJ45 10/100 Mbit/s 1 twisted pair
Protective treatment	TC

Complementary

Communication service	Global Data Modbus TCP messaging Security
Port Ethernet	10BASE-T/100BASE-TX
Memory description	Supplied Flash memory card (BMXRWSC016M)
Supply	Internal power supply via rack
Marking	CE
Local signalling	1 LED (green) for activity on Ethernet network (ETH ACT) 1 LED (green) for processor running (RUN) 1 LED (green) for status of Ethernet network (ETH STS) 1 LED (red) for data rate (ETH 100) 1 LED (red) for memory card fault (CARD ERR) 1 LED (red) for processor or system fault (ERR)
Control type	RESET push-button cold restart
Current consumption	90 mA at 24 V DC
Module format	Standard
Net weight	0.2 Kg

Environment

Ambient air temperature for operation	0…60 °C
Relative humidity	10…95 % without condensation
IP degree of protection	IP20
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.5 Cm
Package 1 Width	11.0 Cm
Package 1 Length	12.0 Cm
Package 1 Weight	236.0 G
Unit Type of Package 2	S02

Number of Units in Package 2	15
Package 2 Height	15.0 Cm
Package 2 Width	30.0 Cm
Package 2 Length	40.0 Cm
Package 2 Weight	3.9 Kg

Offer Sustainability

Recyclability potential, in %	32
Total lifecycle Carbon footprint	113 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	16.0738125
Carbon footprint of the manufacturing phase [A1 to A3]	16 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0308606875
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0939482812
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	96.3229090909
Carbon footprint of the use phase [B2, B3, B4, B6]	96 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.3798125
Carbon footprint of the end-of-life phase [C1 to C4]	0.4 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	113
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which
End of life manual availability	End Of Life Information
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status : End of commerc. announced