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



CANopen X80 Master

BMECXM0100

Main

Range of product	Modicon X80	
Product or component type	CANopen communication module	
Structure type	Open industrial fieldbus	

Complementary

•		
Product compatibility	M580 PLC	
Physical interface	DB9 connector	
Method of access	CSMA/CA CANopen	
Mode of transmission	NRZ	
Transmission support medium	CANopen twisted shielded pairs cable	
Transmission rate	20 kbit/s, 2500 m bus for CANopen with repeater 50 kbit/s, 1000 m bus with repeater 125 kbit/s, 500 m bus with repeater 250 kbit/s, 250 m bus with repeater 500 kbit/s, 100 m bus without repeater 1 Mbit/s, 20 m bus without repeater	
Number of server device(s)	63	
Communication service	CiA DSP 301 V4.02	
[Us] rated supply voltage	24 V DC internal	
Current consumption	100 mA	
Module format	Standard	

Environment

Ambient air temperature for operation	060 °C	
Ambient air temperature for storage	-4585 °C	
Relative humidity	1095 % without condensation	
Operating altitude	<= 2000 m	
Directives	2014/35/EU - low voltage directive	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.400 cm
Package 1 Width	11.500 cm

Package 1 Length	12.100 cm
Package 1 Weight	183.000 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	3.255 kg



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)	120
Environmental Disclosure	Product Environmental Profile

Use Better

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration

Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins