



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 slave	63
Communication service	CiA DSP 301 V4.02
Module format	Standard

Environment

Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-45...85 °C
Relative humidity	10...95 % without condensation
Operating altitude	<= 2000 m
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2012/19/EU - WEEE directive
Standards	EN 61131-2 EN 61000-6-4 EN 61000-6-2

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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