BMECRA31210

EIO drop adapter, Modicon X80, with Ethernet backplane

Green Premium™

Main

Range of Product	Modicon X80
Range Compatibility	Modicon M580
Product or Component Type	I/O expansion module
Device Application	X80 Ethernet RIO drop adaptor
Product Specific Application	For remote I/O modules

Complementary

Bus type	Bus X across the remote backplane Ethernet across the remote backplane
Number of port	3
Integrated connection type	1 port service or distributed equipment 2 port Ethernet RIO Network (RSTP)
Communication Network Type	IPv4 (internet protocol)
Communication Port Protocol	EtherNet/IP
Communication Service	Ethernet/IP adapter RSTP (Ring topology support) Ethernet RIO network Quality of Service (QoS) CIP Explicit messaging (server) Modbus TCP server for module diagnostics DHCP client TFTP client FTP client FDR client SNTP client SNMP agent
Cybersecurity	Enable/Disable communication ports Syslog protocol support
Connector Type	3 RJ45
Exchange mode	Half duplex, full duplex, autonegotiation, auto MDIX
Transmission Rate	10/100 Mbit/s
Port Ethernet	10/100BASE-TX
Function Available	CCOTF (configuration change on the fly) Input data is collected and published to the remote I/O head adaptor Output modules are updated with the data received from remote I/O head adaptor Diagnostics for remote I/O devices (Device DDT) Port mirroring System time stamping Non-interfering type 1 I/O extension rack
Data recording	10 ms time stamps
Topology	Ring
Local signalling	For module active (RUN) 1 LED (green) For module error (ERR) 1 LED (red) For module status (Mod Status) 1 LED (green/red) For network communication status (Net Status) 1 LED (green/red) For Ethernet link diagnostics (STS) 1 LED (green)

Current Consumption	1800 mA
Input voltage	3.3 V DC
Product compatibility	0…1024 discrete channel 0…256 analog channel Counter module Time-stamping module SSI encoder interface module Motion control module Frequency input module AS-Interface module Serial link module Fiber converter modules HART module Weighing module CANopen master module (standalone CPU only) PROFIBUS module (standalone CPU only) Ethernet switch module
Module format	Standard
Net Weight	0.496 lb(US) (0.225 kg)
Maximum altitude transport	9842.5 ft (3000 m)
Relative Humidity	95 % without condensation
Fixing Mode	By screws
Mounting Mode	Rack-mounted
Width	1.3 in (32 mm)
Height	3.9 in (100 mm)
Depth	3.4 in (87.5 mm)

Environment

Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility
Product certifications	CE[RETURN]UL[RETURN]CSA[RETURN]RCM[RETURN]EAC[RETURN]Merchant Navy
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
Environmental characteristic	Standard environment
IP Degree of Protection	IP20
Ambient Air Temperature for Operation	32…140 °F (0…60 °C)
Ambient Air Temperature for Storage	-40…185 °F (-40…85 °C)
Operating altitude	<= 6561.68 ft (2000 m)

Ordering and shipping details

Category	US1PC3418160
Discount Schedule	PC34
GTIN	3595864174013
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.165 in (5.500 cm)
Package 1 Width	4.409 in (11.200 cm)
Package 1 Length	4.724 in (12.000 cm)
Package 1 Weight	9.242 oz (262.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	15
Package 2 Height	5.906 in (15.000 cm)

Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	9.361 lb(US) (4.246 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
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
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
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.