Product data sheet

Specification





analog isolated high level output module, Modicon X80, 4 outputs, 0 to 20mA, 4 to 20mA, 10V positive or negative

BMXAMO0410

Product availability: Stock - Normally stocked in distribution facility

Main

Range Of Product	Modicon X80
Product Or Component Type	Analog output module
Electrical Connection	20 ways 1 connector
Isolation Between Channels	Isolated

Complementary

Measurement Error	<= 0.2 % of full scale 060 °C
modouromone ziro.	0.1 % of full scale 25 °C
	0.1 % Of full scale 25 °C
Temperature Drift	45 ppm/°C +/- 10 V
Tomporature 2	45 ppm/°C 020 mA
	45 ppm/°C 420 mA
Minimum Crosstalk Attenuation	80 dB
Common Mode Rejection	100 dB
Isolation Voltage	1400 V DC between channels and ground
isolation voltage	•
	1400 V DC between channels and bus
	750 V DC between channels
Detection Type	Open circuit 020 mA
	Open circuit 420 mA
	·
	Short circuit +/- 10 V
Load Impedance Ohmic	>= 1000 Ohm +/- 10 V
•	<= 500 Ohm 020 mA
	<= 500 Ohm 420 mA
	1- 300 OHH 420 HA
Output Level	High level
Analogue Output Number	4
Analogue Output Type	Current 020 mA
3	Current 420 mA
	Voltage +/- 10 V
Analogue Output Resolution	15 bits + sign
Supply	Internal power supply via rack
Conversion Time	<= 1 ms
Maximum Conversion Value	021 mA 020 mA
	021 mA 420 mA
	+/- 10.5 V +/- 10 V
Fallback Mode	Configurable
	Predefined
	Freueilleu
Mtbf Reliability	1000000 H
-	

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Operating Altitude	06561.68 ft (02000 m) 20005000 m with derating factor
Status Led	1 LED (Green) RUN 1 LED per channel (Green) channel diagnostic 1 LED (Red) ERR 1 LED (Red) I/O
Net Weight	0.33 lb(US) (0.15 kg)
Power Consumption In W	3 W 24 V DC typical 3.6 W 24 V DC maximum 0.45 W 3.3 V DC typical 0.51 W 3.3 V DC maximum
Current Consumption	150 mA 3.3 V DC 140 mA 24 V DC

Environment

Vibration Resistance	3 gn
Shock Resistance	30 gn
Ambient Air Temperature For Storage	-40185 °F (-4085 °C)
Ambient Air Temperature For Operation	32140 °F (060 °C)
Relative Humidity	595 % 131 °F (55 °C) without condensation
Ip Degree Of Protection	IP20
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility
Product Certifications	CE RCM CSA EAC Merchant Navy UL
Standards	EN/IEC 61010-2-201 EN/IEC 61131-2 UL 61010-2-201 CSA C22.2 No 61010-2-201

Ordering and shipping details

Category	US1PC3418160
Discount Schedule	PC34
Gtin	3595864081571
Returnability	Yes
Country Of Origin	US

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.17 in (5.500 cm)
Package 1 Width	4.33 in (11.000 cm)
Package 1 Length	4.53 in (11.500 cm)
Package 1 Weight	7.44 oz (211.000 g)
Unit Type Of Package 2	S02
Number Of Units In Package 2	15

Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	7.72 lb(US) (3.500 ka)

Contractual warranty

Warranty 18 months

Sustainability Green Premium

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Certifications & Standards

Reach Regulation	Pro-active compliance (Product out of EU RoHS legal scope)	
Eu Rohs Directive		
China Rohs Regulation	China RoHS declaration	
Environmental Disclosure	Product Environmental Profile	
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.	
Weee Circularity Profile	•	

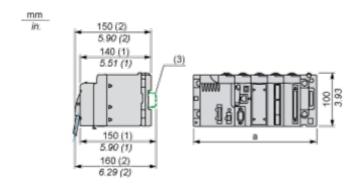
May 30, 2024

BMXAMO0410

Dimensions Drawings

Modules Mounted on Racks

Dimensions



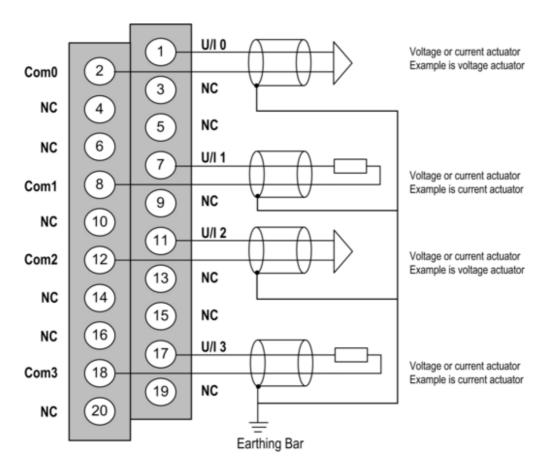
- (1) With removable terminal block (cage, screw or spring).
- (2) With FCN connector.
- (3) On AM1 ED rail: 35 mm wide, 15 mm deep. Only possible with BMXXBP0400/0400H/0600/0600H/0800/0800H rack.

Rack references	a in mm	a in in.
BMXXBP0400 and BMXXBP0400H	242.4	09.54
BMXXBP0600 and BMXXBP0600H	307.6	12.11
BMXXBP0800 and BMXXBP0800H	372.8	14.68
BMXXBP1200 and BMXXBP1200H	503.2	19.81

BMXAMO0410

Connections and Schema

Wiring Diagram



U/Ix + pole input for channel x COMx - pole input for channel x Channel 0 Voltage actuator Channel 1 Current actuator

The current loop is self-powered by the output and does not request any external supply.