

Product datasheet

Specifications



SSl encoder interface module - 3 channels - up to 31 data bits / 1 Mbauds

BMXEAE0300

Price: 21,984.87 ZAR

Main

Range Of Product	Modicon X80
Product Or Component Type	Encoder interface module
Function Available	Offset Compare Modulo Reduction Capture
Number Of Channels	3 SSI channel
Number Of Outputs	1 24 V DC reflex digital output for each SSI channel
Number Of Inputs	2 24 V DC capture digital inputs for the 3 SSI channels

Complementary

Data Format	8...31 bits
Transmission Rate	500 kbauds 200 kbauds 1 Mbauds 100 kbauds
Refresh Time	1 ms
Input Compatibility	24 V DC SSI absolute encoder (voltage limits: 19.2...30 V) for 200 mA per channel
Dielectric Strength	1400 V DC 60 s
[Us] Rated Supply Voltage	19.2...30 V DC, <30 mA 24 V DC, <30 mA (typical)
Protection Type	Overvoltage protection DC
Current Consumption	150 mA at 3.3 V DC for back plane, (typical) 250 mA at 3.3 V DC for back plane, (maximum)
Net Weight	0.138 kg

Environment

Ambient Air Temperature For Operation	0...60 °C
Operating Altitude	0...4000 m
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

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

Standards	EN/IEC 61010-2-201
	EN/IEC 61131-2
	UL 61010-2-201
	CSA C22.2 No 61010-2-201

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.500 cm
Package 1 Width	11.000 cm
Package 1 Length	11.500 cm
Package 1 Weight	167.000 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	2.800 kg

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class 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](#)

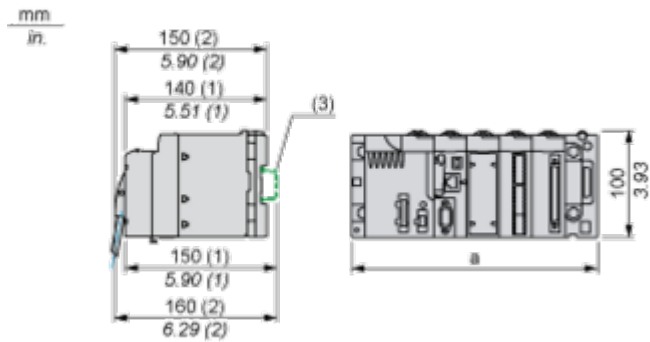
Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
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
Circularity Profile	End of Life Information

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

Connections and Schema

Wiring Diagram

