Product data sheet

Specifications





fiber converter module, Modicon X80, single mode

BMXNRP0201

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Modicon X80
Product or Component Type	Fibre optic repeater
optic fiber type	Sinale mode

Complementary

•	
rated voltage	24 V
Current consumption	140 mA typical 200 mA maximum
Function Available	Hot swap
Number of port	2 RJ45 100BASE-TX IEEE 802.3u 2 fiber optic 100BASE-FX IEEE 802.3u
Local signalling	for power supply status 1 LED (green) for error condition (ERR) 1 LED (red) for link status 2 LEDs (green) for fiber port state and activity 2 LEDs (green)
Wavelength	0.00005 in (1310 nm)
Operating Distance	015000 m
Attenuation	-158 dB 9/125 μm)
Rise/fall time	2.5 ns
Receiver Sensitivity	- 31 8 dBm
Marking	CE
Width	1.3 in (32 mm)
Height	3.9 in (100 mm)
Depth	3.4 in (86 mm)
Net Weight	7.2 oz (203 g)

Environment

Ambient Air Temperature for Operation	32.0000000000140.0000000000 °F (060 °C)
Ambient Air Temperature for Storage	-40.0000000000158.00000000000 °F (-4070 °C)
Relative humidity	095 %
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility

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

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
Dielectric strength	1400 V DC between field and bus 500 V DC between channels
IP Degree of Protection	IP20
Operating altitude	013123.36 ft (04000 m)

Ordering and shipping details

Category	US1PC3418160
Discount Schedule	PC34
GTIN	3595864144467
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.283 in (5.800 cm)
Package 1 Width	4.331 in (11.000 cm)
Package 1 Length	5.118 in (13.000 cm)
Package 1 Weight	8.818 oz (250.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	14
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	8.466 lb(US) (3.840 kg)

Contractual warranty

Warranty 18 months



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

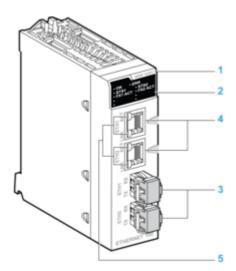
Reach Regulation	REACh Declaration	
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)	
China Rohs Regulation	China RoHS declaration	
Environmental Disclosure	Product Environmental Profile	
Weee	The product must be disposed on European Union markets following specific waste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

Product data sheet

BMXNRP0201

Presentation

Presentation



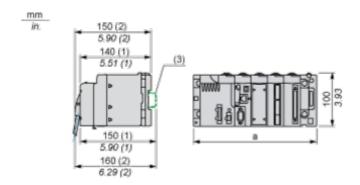
- 1 : Model number
- 2: LED display panel
- 3 : Optical port with SFP transceiver for LC-type connector
- 4: RJ45 Ethernet port
- 5: LNK and ACT LED indicators on the RJ45 Ethernet port

BMXNRP0201

Dimensions Drawings

Modules Mounted on Racks

Dimensions

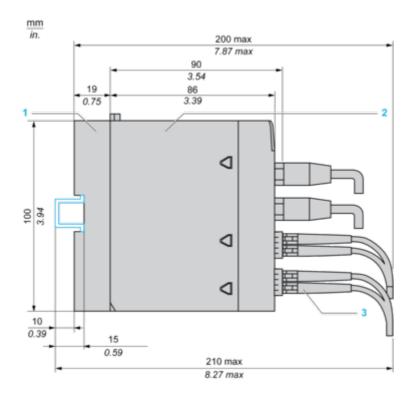


- (1) With removable terminal block (cage, screw or spring).
- (2) With FCN connector.
- (3) On AM1 ED rail: 35 mm wide, 15 mm deep. Only possible with BMXXBP0400/0400H/0600/0600H/0800/0800H rack.

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

Mechanical Specifications

Dimensions



- 1: Backplane
- 2: Module
- 3 : Cable connections