BMXNRP0200
Fiber Converter MM/LC 2CH 100Mb

Green Premium

Main

Range of product	Modicon X80
Product or component type	Fibre optic repeater
Optic fiber type	Multi mode

Complementary

Rated voltage	24 V
Current consumption	140 mA
Function available	Hot swap
Number of port	2 RJ45 with 100BASE-TX port Ethernet conforming to IEEE 802.3u 2 fiber optic with 100BASE-FX port Ethernet conforming to IEEE 802.3u
Local signalling	1 LED - red for error condition (ERR) 1 LED - green for power supply status 2 LEDs - green for fiber port state and activity 2 LEDs - green for link status
Wavelength	1310 nm
Operating distance	0...2000 m
Attenuation	-23.5...-14 dB (50/125 µm) -20...-14 dB (62.5/125 µm)
Rise/Fall time	3 ns
Receiver sensitivity	- 31...- 14 dBm
Marking	CE
Width	32 mm
Height	100 mm
Depth	86 mm
Product weight	203 g

Environment

Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-40...70 °C
Relative humidity	0...95 %

Oct 17, 2018

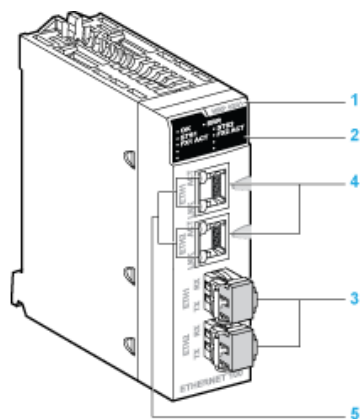|	
Dielectric strength	1400 V DC between field and bus 500 V DC between channels
IP degree of protection	IP20
Operating altitude	0...4000 m
Standards	CSA C22.2 No 142 EN 61131-2 FM Class 1 Division 2 UL 1604 UL 508 CSA C22.2 No 213
Product certifications	C-Tick GOST Merchant Navy

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1209 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available Product environmental
Product end of life instructions	Available End of life manual

Contractual warranty

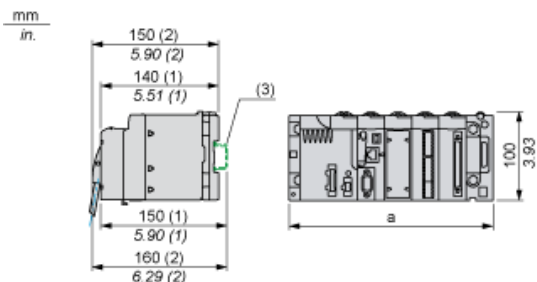|	
Warranty period	18 months

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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

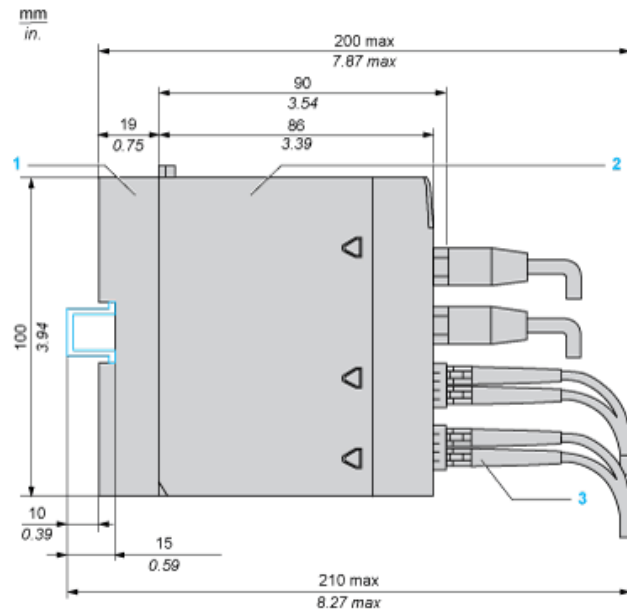## BMXNRP0200

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

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Mechanical Specifications

Dimensions

1 :   Backplane
2 :   Module
3 :   Cable connections