

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

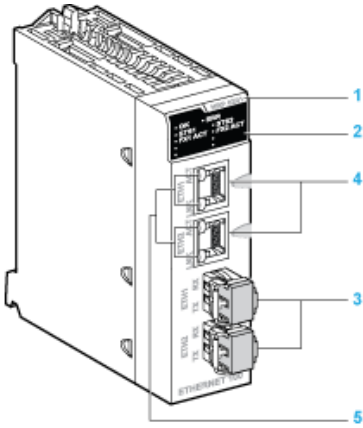
ambient air temperature for operation	0...60 °C
ambient air temperature for storage	-40...70 °C
relative humidity	0...95 %
dielectric strength	1400 V DC between field and bus 500 V DC between channels
IP degree of protection	IP20
operating altitude	0...4000 m
standards	CSA C22.2 No 142 EN 61131-2 FM Class 1 Division 2 UL 1604 UL 508 CSA C22.2 No 213
product certifications	C-Tick GOST Merchant Navy

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Offer Sustainability

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

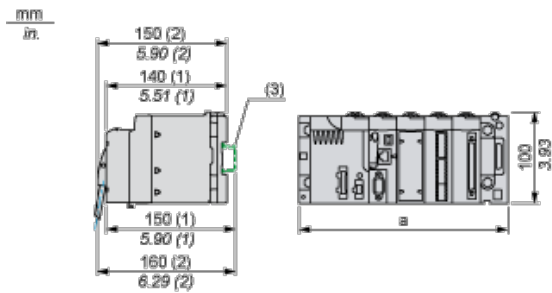
Presentation



- 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

Modules Mounted on Racks

Dimensions

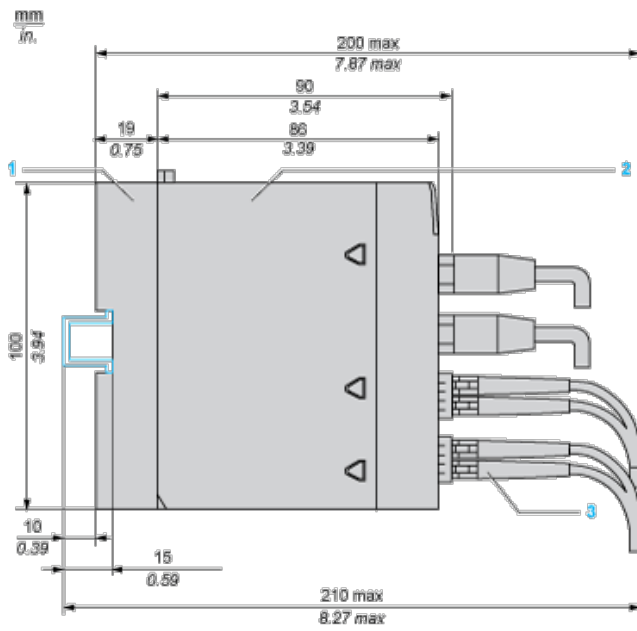


- (1) With removable terminal block (cage, screw or spring).
- (2) With FCN connector.
- (3) On AM1 ED rail: 35 mm wide, 15 mm deep. Only possible with BMXXBP0400/0400H/0600/0600H/0800/0800H rack.

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