



Main

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

Complementary

Rated voltage	24 V
Current consumption	140 mA
Function available	Hot swap
Number of port	2 fiber optic with 100BASE-FX port Ethernet conforming to IEEE 802.3u 2 RJ45 with 100BASE-TX port Ethernet conforming to IEEE 802.3u
Local signalling	2 LEDs - green for fiber port state and activity 2 LEDs - green for link status 1 LED - red for error condition (ERR) 1 LED - green for power supply status
Wavelength	1310 nm
Operating distance	0...15000 m
Attenuation	-15...-8 dB (9/125 µm)
Rise/Fall time	2.5 ns
Receiver sensitivity	- 31...- 8 dBm
Marking	CE
Width	32 mm
Height	100 mm
Depth	86 mm
Product weight	203 g

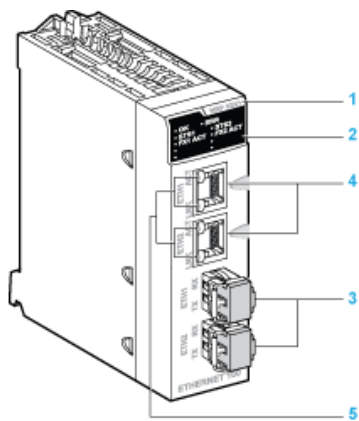
Environment

Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-40...70 °C
Relative humidity	<= 95 %
Dielectric strength	500 V DC between channels 1400 V DC between field and bus
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	Not 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 Download Product Environmental

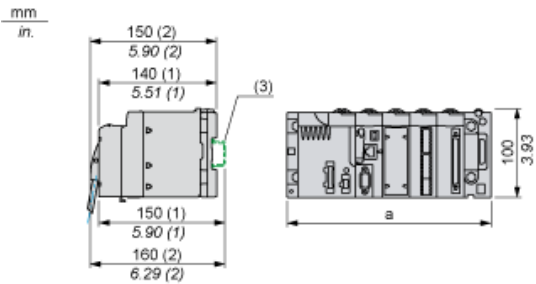
Presentation



- 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

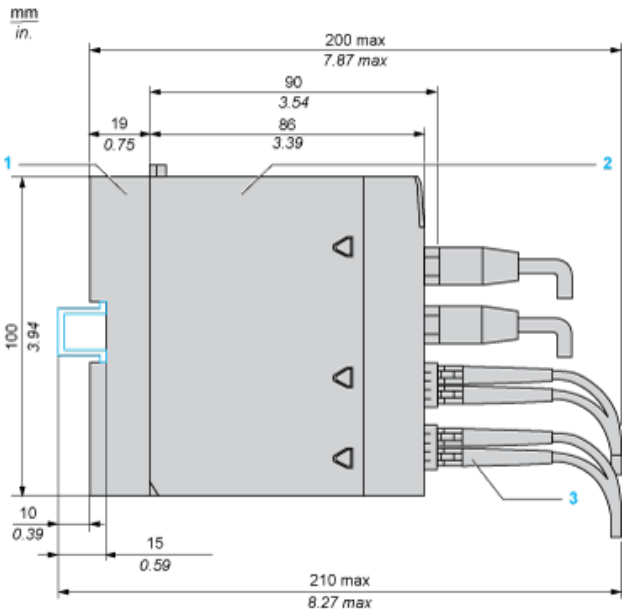


- (1) With removable terminal block (cage, screw or spring).
- (2) With FCN connector.
- (3) On AM1 ED rail: 35 mm wide, 15 mm deep. Only possible with BMXXBP0400/0400H/0600/0600H/0800/0800H rack.

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