

Product availability: Non-Stock - Not normally stocked in distribution facility



Main

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|---------------------------|----------------------|
| 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 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 | 0.000051575 In (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 | 1.26 In (32 mm) |
| Height | 3.94 In (100 mm) |
| Depth | 3.39 In (86 mm) |
| Net Weight | 7.16 Oz (203 g) |

Environment

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|---------------------------------------|--|
| Ambient air temperature for operation | 32...140 °F (0...60 °C) |
| Ambient Air Temperature for Storage | -40...158 °F (-40...70 °C) |
| Relative humidity | 0...95 % |
| Directives | 2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility |
| 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 | 0...13123.36 ft (0...4000 m) |





Ordering and shipping details



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|-----------------------|----------------------|
| Category | 18160 - MODICON M340 |
| Discount Schedule | PC34 |
| GTIN | 3595864144467 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 8.68 Oz (246 g) |
| Returnability | Yes |
| Country of origin | FR |

Packing Units

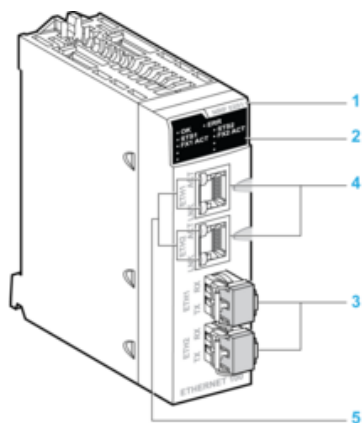
| | |
|------------------------------|-----------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 2.36 In (6 cm) |
| Package 1 width | 4.33 In (11 cm) |
| Package 1 Length | 5.12 In (13 cm) |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 15 |
| Package 2 Weight | 8.14 Lb(US) (3.69 kg) |
| Package 2 Height | 5.91 In (15 cm) |
| Package 2 width | 11.81 In (30 cm) |
| Package 2 Length | 15.75 In (40 cm) |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| 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 |
| REACH Regulation |  REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information |  Yes |
| China RoHS Regulation |  China RoHS Declaration |

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|-----------------------------|--|
| Environmental Disclosure |  Product Environmental Profile |
| Circularity Profile |  End Of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |
| Contractual warranty | |
| Warranty | 18 months |

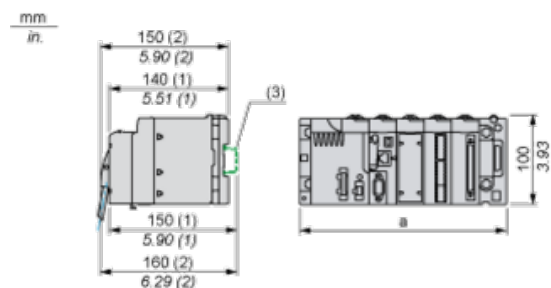
Presentation



- 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).

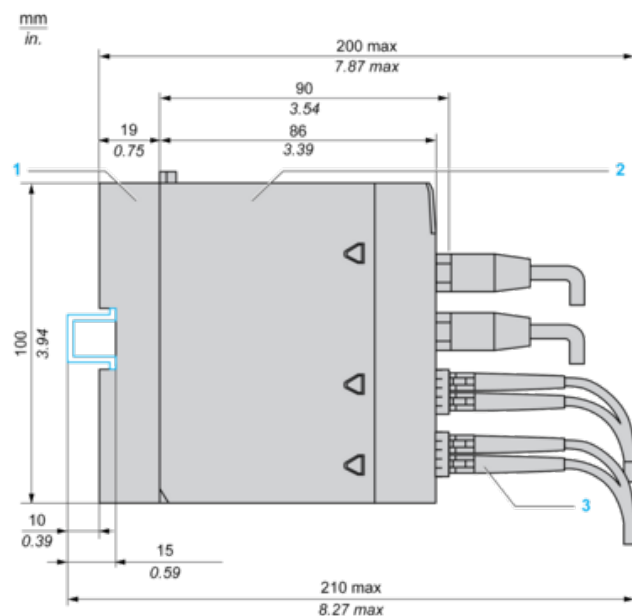
(2) With FCN connector.

(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

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|-----------------------|----------------|
| Product Life Status : | Commercialised |
|-----------------------|----------------|