

BMECRA31210

Modicon X80 EIO Drop adapter with Ethernet backplane



Main

| | |
|---------------------------|---------------------------|
| Range of product | Modicon X80 |
| Product or component type | Ethernet RIO drop adaptor |

Complementary

| | |
|-----------------------------|---|
| Bus type | Bus X across the remote backplane Ethernet across the remote backplane |
| Number of port | 3 |
| Integrated connection type | Ethernet/IP (device network) Ethernet/IP (service port) |
| Communication port protocol | Ethernet/IP |
| Communication service | RSTP support Configure IP parameters Diagnostics for remote I/O devices The input data are collected and published to the remote I/O head adaptor Output modules are updated with the data received from remote I/O head adaptor |
| Function available | CCOTF (configuration change on the fly) |
| Data recording | 10 ms time stamps |
| Topology | Daisy chain loop |
| Local signalling | 1 LED - green for module active (RUN) 1 LED - red for module error (ERR) 1 LED - green/red for module status (Mod Status) 1 LED - green/red for network communication status (Net Status) 1 LED - green for Ethernet link diagnostics (STS) |
| Product compatibility | BMXERT multifunction input module BMXNOM Ethernet module BMXEHC counter module PMESWT weighing module BMEAH... HART module 1024 discrete channel 256 analog channel |
| Marking | CE |
| Module format | Standard |

Environment

| | |
|------------------------------|---|
| environmental characteristic | Standard environment |
| directives | 2012/19/EU - WEEE directive 2014/30/EU - electromagnetic compatibility 2014/35/EU - low voltage directive |
| product certifications | C-Tick GOST Merchant Navy |
| standards | EN 61000-6-2 |

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.

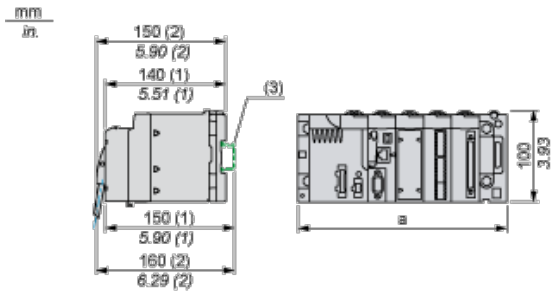
| | |
|---------------------------------------|---------------------------|
| IP degree of protection | IP20 |
| ambient air temperature for operation | 0...60 °C |
| ambient air temperature for storage | -40...85 °C |
| operating altitude | <= 2000 m |
| altitude transport | <= 3000 m |
| relative humidity | 95 % without condensation |

Offer Sustainability

| | |
|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 1623 - Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Available |

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 BMEXBP0400/0400H/0800/0800H/1200/1200H rack.

| | a (in mm) | a (in in.) |
|----------------------------|-----------|------------|
| BMEXBP0400 and BMEXBP0400H | 242.4 | 09.54 |
| BMEXBP0800 and BMEXBP0800H | 372.8 | 14.68 |
| BMEXBP1200 and BMEXBP1200H | 503.2 | 19.81 |