

backplane expander, Modicon M340, for multirack configuration, ruggedized

BMXXBE1000H

Main

Range of product	Modicon M340 automation platform	
Accessory / separate part category	Extension accessory	
Accessory / separate part type	Backplane	
Accessory / separate part designation	Ruggedized backplane expander	
Product compatibility	BMXXBP1200 BMXXBP0800 BMXXBP0600 BMXXBP0400	
Accessory / separate part destination	For multiracks configuration	
Product specific application	For severe environments	

Complementary

Electrical connection	2 female connectors SUB-D 9
Local signalling	1 LED green for operating status (RUN) bus 1 LED red for collision error (COL) rack 4 LEDs green for rack adresses status
Current consumption	160 mA at 24 V DC 22 mA at 3.3 V DC
Module format	Standard

Environment

IP degree of protection	IP20
Ambient air temperature for operation	-2570 °C
Relative humidity	1095 % without condensation
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2014/34/EU - ATEX directive
Product certifications	CE UL CSA RCM EAC Merchant Navy

ATEX zone 2/22 IECEx zone 2/22

Standards	EN/IEC 61131-2 EN/IEC 61010-2-201 UL 61010-2-201 CSA C22.2 No 61010-2-201 IACS E10 EN/IEC 61000-6-5, interface type 1 and type 2 EN/IEC 61850-3, location G EN/IEC 60079-0	
Environmental characteristic	Gas resistant class Gx conforming to ISA S71.04 Gas resistant class 3C4 conforming to IEC 60721-3-3 Dust resistant class 3S4 conforming to IEC 60721-3-3 Sand resistant class 3S4 conforming to IEC 60721-3-3 Salt resistant level 2 conforming to IEC 68252 Mold growth resistant class 3B2 conforming to IEC 60721-3-3 Fungal spore resistant class 3B2 conforming to IEC 60721-3-3 Hazardous location class I division 2	
Environmental characteristic	3C3 conforming to EN/IEC 60721-3-3 3C4 conforming to EN/IEC 60721-3-3	
Protective treatment	Conformal coating	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.500 cm
Package 1 Width	11.000 cm
Package 1 Length	11.700 cm
Package 1 Weight	180.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	15
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	3.050 kg

Contractual warranty

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

☑ Environmental footprint	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	187
Environmental Disclosure	Product Environmental Profile

Use Better

Packaging made with recycled cardboard	Yes	
Packaging without single use plastic	Yes	

Use Again

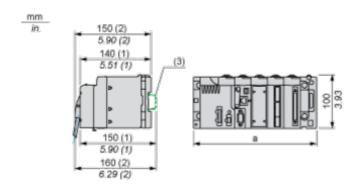
○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No

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Dimensions Drawings

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