



Main

Range of product	Modicon X80
Product or component type	Discrete output module
Discrete output number	16
Discrete output type	Triac
Discrete output voltage	100...240 V 85...288 V AC

Complementary

Current per channel	0.6 A
Leakage current	<= 1.5 mA at state 0 120 V <= 3 mA at state 0 240 V
[Ures] residual voltage	1.5 V at state 1
Insulation resistance	> 10 MOhm 500 V DC
Response time on output	<= 1 ms resistive activation <= 1 ms resistive deactivation
Typical current consumption	100 mA at 3.3 V DC
Protection type	1 external fuse fast blow
Output overload protection	With varistor
Inrush current	20 A
Current per output common	<= 2.4 A
Output current limits	0.025...4.8 A
Status LED	1 LED red module error (ERR) 1 LED green module operating (RUN) 1 LED per channel green channel diagnostic 1 LED red module I/O

Environment

IP degree of protection	IP20
product certifications	CE CSA UL RCM Merchant Navy EAC
standards	EN/IEC 61131-2 EN/IEC 61010-2-201 UL 61010-2-201 CSA C22.2 No 61010-2-201
dielectric strength	2830 V AC at 50/60 Hz 1 min
vibration resistance	3 gn
shock resistance	30 gn
ambient air temperature for storage	-40...185 °F (-40...85 °C)
ambient air temperature for operation	32...140 °F (0...60 °C)
relative humidity	5...95 % without condensation 55 °C
protective treatment	TC
operating altitude	0...6561.68 ft (0...2000 m) 2000...5000 m (with derating factor)

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Offer Sustainability

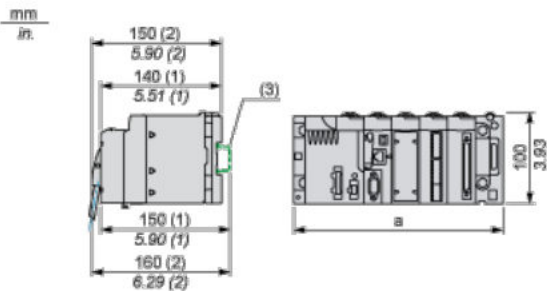
Green Premium product	Green Premium product
Compliant - since 0805 - Schneider Electric declaration of conformity	Compliant - since 0805 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Available	Available

Contractual warranty

Warranty period	18 months
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Modules Mounted on Racks

Dimensions

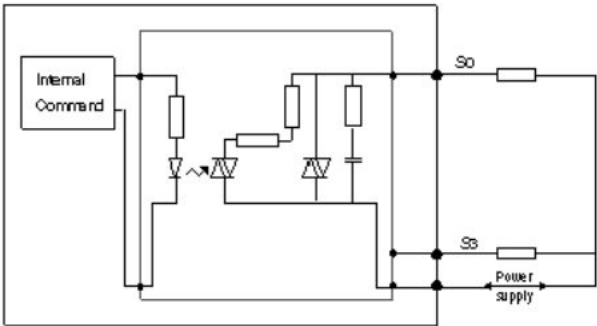


- (1) With removable terminal block (cage, screw or spring).
- (2) With FCN connector.
- (3) On AM1 ED rail: 35 mm wide, 15 mm deep. Only possible with BMXXBP0400/0400H/0600/0600H/0800/0800H rack.

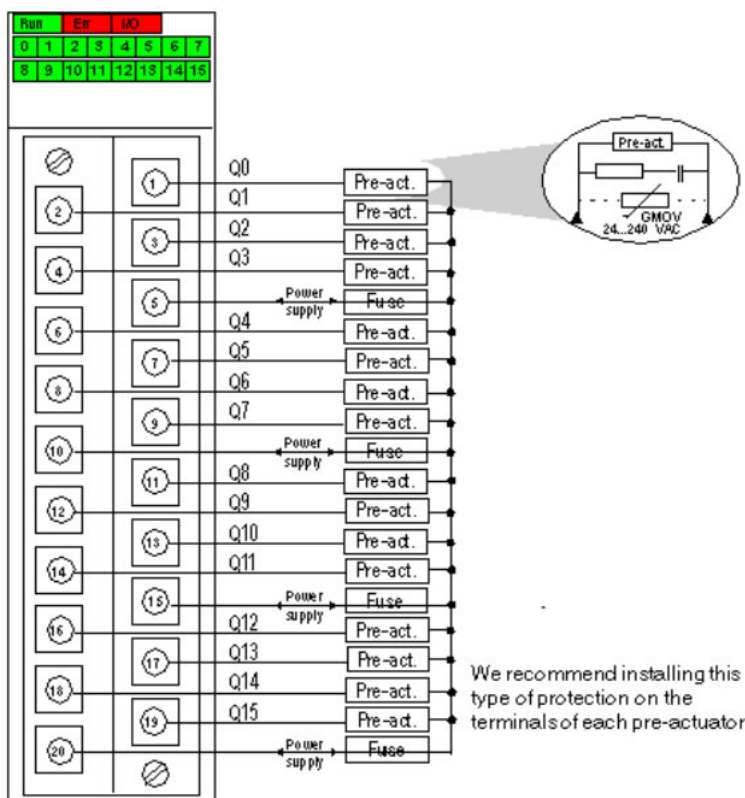
Rack references	a in mm	a in in.
BMXXBP0400 and BMXXBP0400H	242.4	09.54
BMXXBP0600 and BMXXBP0600H	307.6	12.11
BMXXBP0800 and BMXXBP0800H	372.8	14.68
BMXXBP1200 and BMXXBP1200H	503.2	19.81

Connecting the Module

Output Circuit Diagram



Module Connection



power 100...240 VAC

supply

fuse 1 fast blow fuse of 3 A for each 4-channel group