

BMXDAO1605

discrete output module M340 - 16 outputs - triac - 100..240 V AC



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 for module error (ERR) 1 LED green for module operating (RUN) 1 LED per channel green for channel diagnostic 1 LED red for module I/O

Environment

directives	2012/19/EU - WEEE directive 2014/30/EU - electromagnetic compatibility 2014/35/EU - low voltage directive
IP degree of protection	IP20
product certifications	CE CSA UL RCM Merchant Navy EAC
standards	EN 61000-6-2 EN 61000-6-4 EN 61131-2 EN 61010-2-201
dielectric strength	2830 V AC at 50/60 Hz 1 min
vibration resistance	3 gn
shock resistance	30 gn

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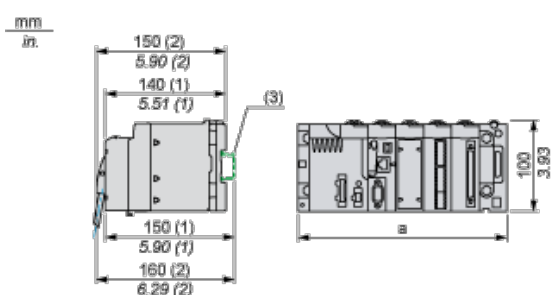
ambient air temperature for storage	-40...85 °C
ambient air temperature for operation	0...60 °C
relative humidity	5...95 % without condensation 55 °C
protective treatment	TC
operating altitude	0...2000 m 2000...5000 m (with derating factor)

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0805 - 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

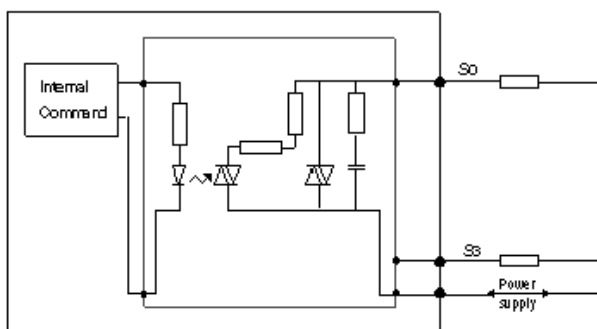


- (1) With removable terminal block (cage, screw or spring).
- (2) With FCN connector.
- (3) On AM1 ED rail: 35 mm wide, 15 mm deep. Only possible with BMXXBP0400/0400H/0600/0600H/0800/0800H rack.

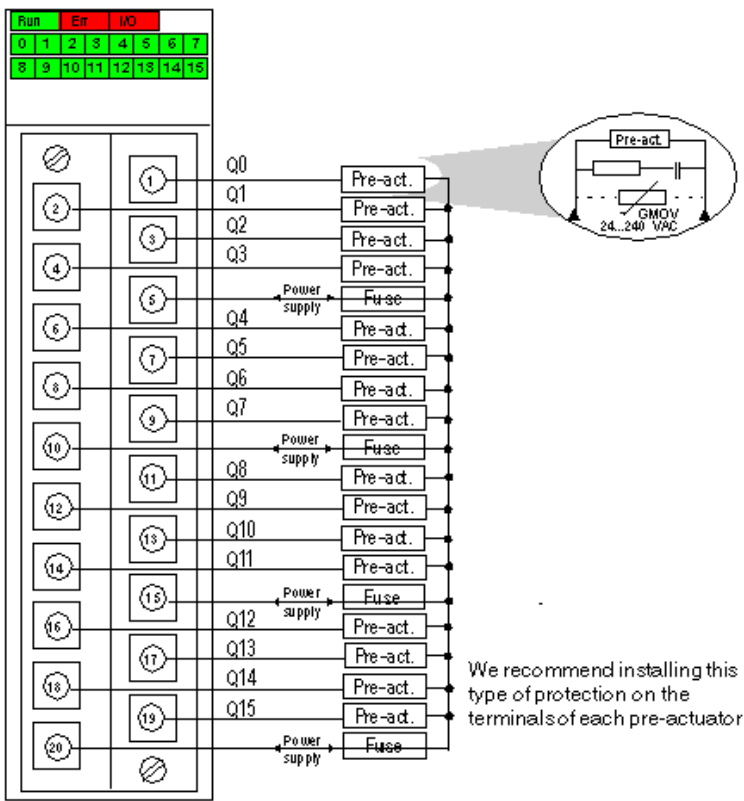
Rack references	a in mm	a in in.
BMXXBP0400 and BMXXBP0400H	242.4	09.54
BMXXBP0600 and BMXXBP0600H	307.6	12.11
BMXXBP0800 and BMXXBP0800H	372.8	14.68
BMXXBP1200 and BMXXBP1200H	503.2	19.81

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