



## Main

Range of product	Modicon M340 automation platform
Product or component type	Discrete output module
Electrical connection	20-way connector
Discrete output number	16 conforming to EN/IEC 61131-2
Discrete output type	Relay
Discrete output voltage	240 V 200...264 V AC 24 V 19...30 V DC

## Complementary

[I <sub>th</sub> ] conventional free air thermal current	2 A
Insulation resistance	> 10 MOhm 500 V DC
Power dissipation in W	<= 3 W
Response time on output	<= 12 ms deactivation <= 10 ms activation
Typical current consumption	100 mA 3.3 V DC
MTBF reliability	2463296 H
Protection type	External short-circuit protection External overload protection DC inductive overvoltage protection AC inductive overvoltage protection
Output overload protection	Use 1 fast blow fuse per channel or group of channel
Output overvoltage protection	Use ZNO surge limiter on each output AC Use RC circuit on each output AC Use discharge diode on each output DC
Output short-circuit protection	Use 1 fast blow fuse per channel or group of channel
Minimum switching current	1 mA 5 V DC
Electrical durability	300000 cycles DC-13 7.2 W 24 V 300000 cycles DC-13 3 W 100 V 300000 cycles AC-15 60 VA 200 V 0.35 300000 cycles AC-15 36 VA 240 V 0.35 300000 cycles AC-14 80 VA 200 V 0.7 300000 cycles AC-14 72 VA 240 V 0.7 100000 cycles DC-13 24 W 24 V 100000 cycles DC-13 10 W 100 V 100000 cycles AC-15 200 VA 200 V 0.35 100000 cycles AC-15 120 VA 240 V 0.35 100000 cycles AC-14 300 VA 200 V 0.7 100000 cycles AC-14 240 VA 240 V 0.7
Status LED	1 LED red I/O 1 LED red ERR 1 LED per channel green channel diagnostic 1 LED green RUN
Product weight	0.15 kg

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.

## Environment

IP degree of protection	IP20
Standards	CSA 22-2 No 142 IEC 1131-2 IEC 664 NF C 63-850 UL 508 UL 746C
Dielectric strength	2000 V AC at 50/60 Hz 1 min
Ambient air temperature for operation	0...60 °C
Relative humidity	10...95 % without condensation
Protective treatment	TC

Modules Mounted on Racks

Dimensions

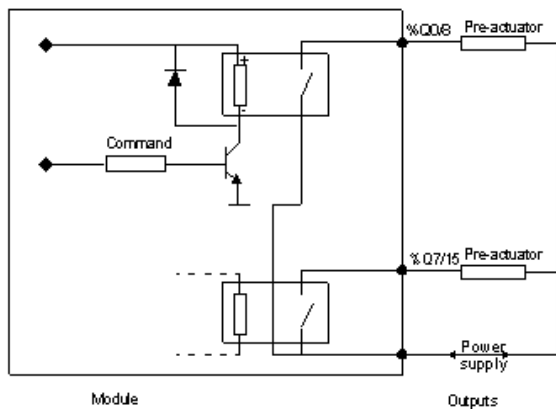


- (1) With removable terminal block (cage, screw or spring).
- (2) With FCN connector.
- (3) On AM1 ED rail: 35 mm wide, 15 mm deep. Only possible with BMXXBP0400/0400H/0600/0600H/0800/0800H rack.

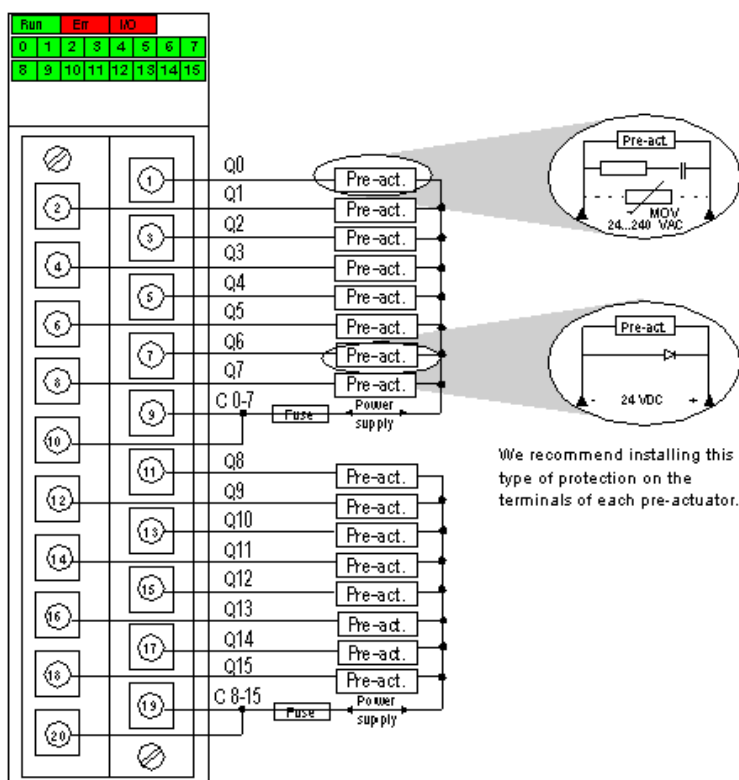
Rack references	a in mm	a in in.
BMXXBP0400 and BMXXBP0400H	242.4	09.54
BMXXBP0600 and BMXXBP0600H	307.6	12.11
BMXXBP0800 and BMXXBP0800H	372.8	14.68
BMXXBP1200 and BMXXBP1200H	503.2	19.81

Connecting the Module

Output Circuit Diagram



Module Connection



power 24 VDC or 24...240 VAC  
supply  
fuse 1 fast blow fuse of 12 A for each 8-channel group