



Price* : 394.00 USD



Main

Range of product	Modicon M340 automation platform
Product or component type	Discrete output module
Product specific application	Extended temperature
Electrical connection	20-way connector
Discrete output number	8 conforming to EN/IEC 61131-2
Discrete output type	Relay
Discrete output voltage	100...150 V 100...150 V DC

Complementary

[I _{th}] conventional free air thermal current	0.3 A
Insulation resistance	> 10 MOhm 500 V DC
Power dissipation in W	<= 3.17 W
Response time on output	< 10 ms activation < 10 ms deactivation
Typical current consumption	61 mA at 3.3 V DC 104 mA at 24 V DC
Current consumption	<= 112 mA at 3.3 V DC <= 117 mA at 24 V DC
Protection type	AC inductive overvoltage protection DC inductive overvoltage protection External short-circuit protection External overload protection 0.5 A
Output overload protection	Use 1 fast blow fuse per channel or group of channel
Output overvoltage protection	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
Mechanical durability	>= 20000000 cycles

Electrical durability	>= 100000 cycles DC-12 37 W 125 V >= 100000 cycles DC-13 12 W 125 V
Status LED	1 LED green module operating (RUN) 1 LED per channel green channel diagnostic 1 LED red module I/O 1 LED red module error (ERR)
Product weight	0.32 lb(US) (0.145 kg)

Environment

IP degree of protection	IP20
Standards	CSA C22.2 No 142 IEC 1131-2 IEC 664 NF C 63-850 UL 746C UL 508
Dielectric strength	2000 V AC at 50/60 Hz 1 min
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Relative humidity	10...95 % without condensation
Protective treatment	TC

Ordering and shipping details

Category	18160 - MODICON M340
Discount Schedule	PC34
GTIN	00785901675617
Nbr. of units in pkg.	1
Package weight(Lbs)	0.46000000000000002
Returnability	Y
Country of origin	FR

Offer Sustainability

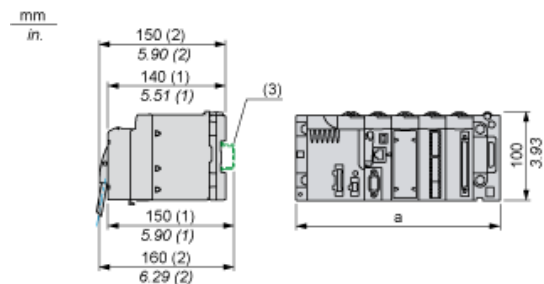
Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0901 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months
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Modules Mounted on Racks

Dimensions

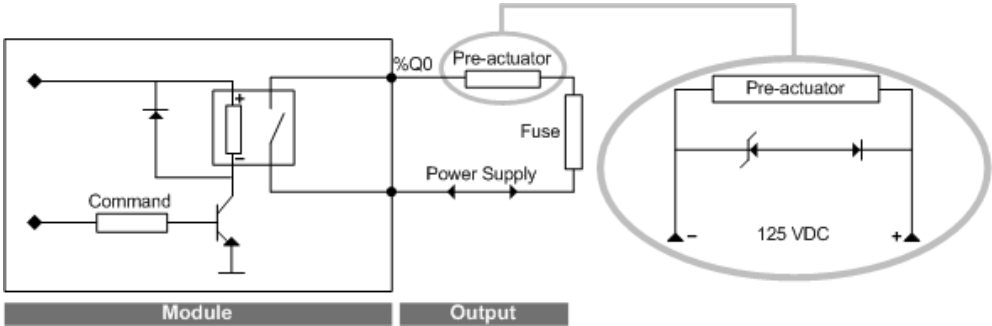


- (1) With removable terminal block (cage, screw or spring).
- (2) With FCN connector.
- (3) On AM1 ED rail: 35 mm wide, 15 mm deep. Only possible with BMXXBP0400/0400H/0600/0600H/0800/0800H rack.

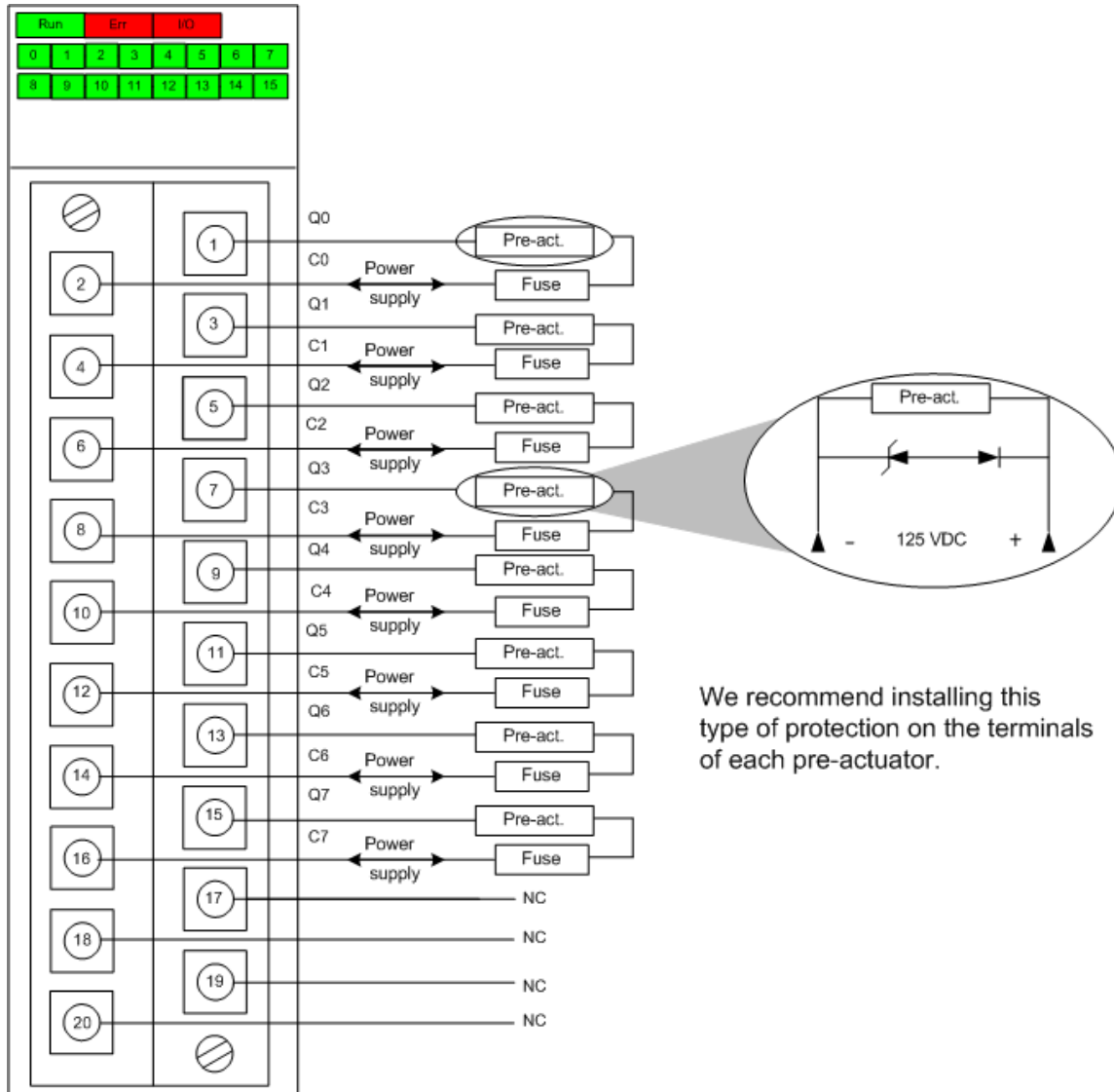
Rack references	a in mm	a in in.
BMXXBP0400 and BMXXBP0400H	242.4	09.54
BMXXBP0600 and BMXXBP0600H	307.6	12.11
BMXXBP0800 and BMXXBP0800H	372.8	14.68
BMXXBP1200 and BMXXBP1200H	503.2	19.81

Connecting the Module

Output Circuit Diagram



Module Connection



power supply (100...150 VDC)

fuse 1 fast blow fuse of 0.5 A, 250 VDC for each relay

NC not connected

NOTE: A Zener Diode voltage of 47 V or slightly higher is recommended.

We recommend installing this type of protection on the terminals of each pre-actuator.