Product data sheet
Characteristics

BMXAMO0802
analog output module M340 - 8 outputs

Main

Range of product	Modicon M340 automation platform
Product or component type	Analog output module
Electrical connection	1 connector 20 ways
Isolation between channels	Non isolated

Complementary

Measurement error	0.1 % of full scale 25 °C <= 0.25 % of full scale 0...60 °C
Temperature drift	45 ppm/°C 4...20 mA 45 ppm/°C 0...20 mA
Common mode between channels	>= 80 dB
Isolation voltage	1400 V DC between channels and bus 1400 V DC between channels and ground
Detection type	Short circuit 0...20 mA Open circuit 4...20 mA
Load impedance ohmic	<= 350 Ohm 4...20 mA <= 350 Ohm 0...20 mA
Output level	High level
Analogue output number	8
Analogue output type	Current 4...20 mA Current 0...20 mA
Analogue output resolution	15 bits + sign
Supply	Internal power supply via rack
Conversion time	<= 4 ms
Maximum conversion value	0...21 mA 4...20 mA 0...21 mA 0...20 mA
Fallback mode	Configurable Predefined
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
Current consumption	74 mA at 24 V DC 150 mA at 3.3 V DC

Environment

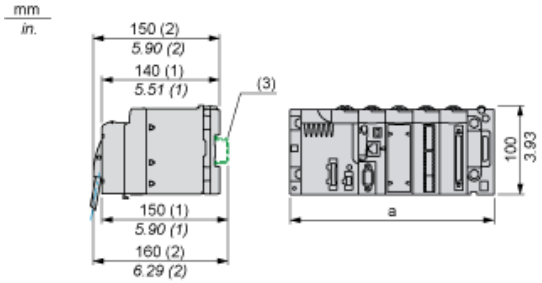
Ambient air temperature for operation	0...60 °C
Relative humidity	10...95 % without condensation
IP degree of protection	IP20
Protective treatment	TC

Offer Sustainability

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

Modules Mounted on Racks

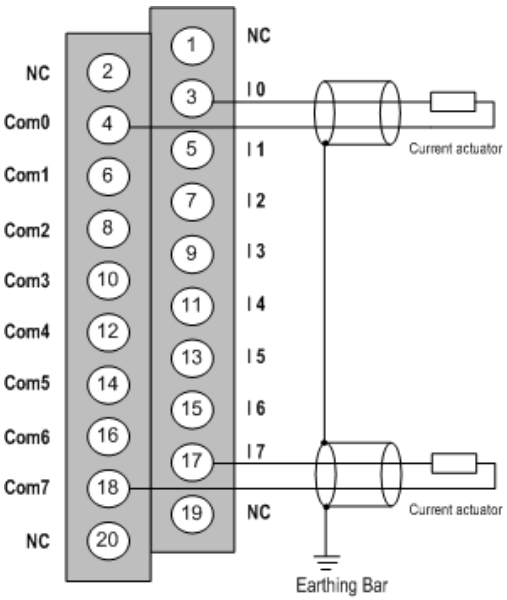
Dimensions



(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

Wiring Diagram



Ix + pole input for channel x.
COMx pole input for channel x, COMx are connected together internally.

The current loop is self-powered by the output and does not request any external supply.