



Main

Range of product	Modicon M340 automation platform
Product or component type	Encoder interface module
Product specific application	For severe environments
Function available	Modulo Reduction Offset Capture Compare
Number of channels	3 SSI channel
Number of outputs	1 24 V DC reflex digital output for each SSI channel
Number of inputs	2 24 V DC capture digital inputs for the 3 SSI channels

Complementary

Data format	8...31 bits
Transmission rate	100 kbauds 200 kbauds 500 kbauds 1 Mbauds
Refresh time	1 ms
Input compatibility	24 V DC SSI absolute encoder (voltage limits: 19.2...30 V) for 200 mA per channel
Dielectric strength	1400 V DC 60 s
[Us] rated supply voltage	24 V DC 30 mA (typical) 19.2...30 V DC 30 mA
Current consumption	250 mA (maximum) 3.3 V DC for back plane 150 mA (typical) 3.3 V DC for back plane
Product weight	0.138 kg

Environment

Ambient air temperature for operation	-25...70 °C
Operating altitude	0...4000 m
IP degree of protection	IP20
Protective treatment	Conformal coating Humiseal 1A33 TC
Environmental characteristic	3C4 EN/IEC 60721-3-3 3C3 EN/IEC 60721-3-3
Standards	IEC 961850
Product certifications	CE CSA CSA Class 1 Division 2 C-Tick FM Class 1 Division 2 GOST UL UL Class 1 Division 2 ATEX zone 2 CCS

Not classified

Protection type	Overvoltage protection DC
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Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1206 - 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

