

discrete output module, Modicon X80, 16 isolated triac outputs, 24 to 240V AC

BMXDAO1615

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Modicon X80	
Product or Component Type	Discrete output module	
Discrete output number	16 EN/IEC 61131-2	
Discrete output type	Triac	
Discrete output voltage	24240 V 20264 V AC	
Discrete output current	3 A	

Complementary

Network Frequency	50/60 Hz	
Network frequency limits	4763 Hz	
Sensor power supply	20264 V	
Current per channel	3 A 104 °F (40 °C) 1.2 A 140 °F (60 °C)	
Maximum current per module	10 A 104 °F (40 °C) 4 A 140 °F (60 °C)	
Maximum leakage current	1 mA at state 0 24 V 1 mA at state 0 48 V 2 mA at state 0 115 V 2.5 mA at state 0 240 V	
Maximum voltage drop	<1.55 V at state 1	
Insulation resistance	> 10 MOhm 500 V DC	
Power dissipation in W	1.45 W	
Response time on output	<= 10 ms resistive activation <= 10 ms resistive deactivation	
Typical current consumption	61 mA 3.3 V DC 50 mA 24 V DC	
MTBF reliability	500000 H	
Protection type	1 external fuse 4 A fast blow	
Output overload protection	With varistor	
Inrush current	30 A	
Maximum current per output common	4 A	
Output current limits	0.00510 A	
Status LED	1 LED (Green) module operating (RUN) 1 LED per channel (Green) channel diagnostic 1 LED (Red) module error (ERR) 1 LED (Red) module I/O	

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Net Weight 0.582 lb(US) (0.264 kg)

Environment

IP Degree of Protection	IP20	
Dielectric strength	3000 V AC 50/60 Hz 1 min	
Vibration resistance	3 gn	
Shock resistance	30 gn	
Ambient Air Temperature for Storage	-40185 °F (-4085 °C)	
Ambient Air Temperature for Operation	32140 °F (060 °C)	
Relative humidity	095 % 32140 °F (060 °C) without condensation	
Operating altitude	06561.68 ft (02000 m) 20005000 m with derating factor	

Ordering and shipping details

Category	US1PC3418160	
Discount Schedule	PC34	
GTIN	3606489485047	
Returnability	Yes	
Country of origin	US	

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	2.17 in (5.500 cm)	
Package 1 Width	7.09 in (18.000 cm)	
Package 1 Length	10.24 in (26.000 cm)	
Package 1 Weight	14.286 oz (405.000 g)	
Unit Type of Package 2	S03	
Unit Type of Package 2 Number of Units in Package 2	S03 8	
Number of Units in Package 2	8	
Number of Units in Package 2 Package 2 Height	11.81 in (30.000 cm)	



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

☑ Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	34
Environmental Disclosure	Product Environmental Profile

Use Better

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	43b0fbab-d94b-43e8-be0a-0b39cadd288b
REACh Regulation	REACh Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

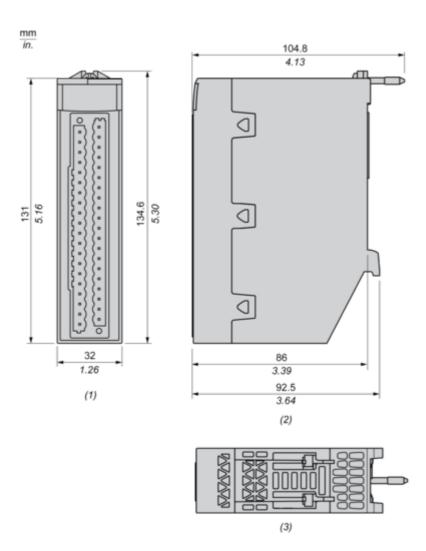
Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

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Dimensions Drawings

Dimensions



- (1) Front view(2) Right view(3) Top view

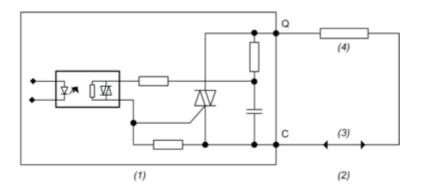
Product data sheet

BMXDAO1615

Connections and Schema

Connecting the Module

Output Circuit Diagram

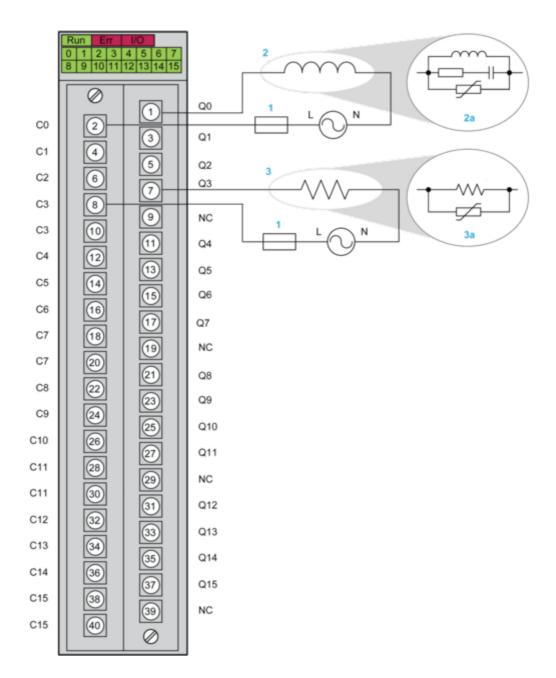


- (1) Module
- (2) Output
- (3) Power supply
- (4) Pre-actuator

Module Connection

Product data sheet

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NC: Not connected 1:4 A fast blow fuse 2: Inductive load 3: Resistive load

2a and 3a: Recommended output protection

Image of product / Alternate images

Alternative











