

Product datasheet

Specifications



discrete output module X80 - 16 outputs - triac - 100..240 V AC

Local distributor code:

393393136

BMXDAO1605

EAN Code: 3595863966954

Main

Range of product	Modicon X80
Product or component type	Discrete output module

Complementary

Response time on output	<= 1.011 ms resistive activation <= 1.011 ms resistive deactivation
Maximum voltage drop	<1.5 V at state 1
Insulation resistance	> 10 MOhm 500 V DC
Inrush current	20 A
Output current limits	0.025...4.8 A
MTBF reliability	1800000 H
Protection type	1 external fuse fast blow

Environment

IP degree of protection	IP20
Protective treatment	Standard version
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility
Dielectric strength	2830 V AC at 50/60 Hz 1 min
Relative humidity	5...95 % at 55 °C without condensation

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.500 cm
Package 1 Width	11.700 cm
Package 1 Length	11.700 cm
Package 1 Weight	203.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	15
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm

Disclaimer: 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

Package 2 Weight	3.398 kg
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Logistical informations

Country of origin	FR
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Contractual warranty

Warranty (in months)	18
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Environmental Data

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

Total lifecycle Carbon footprint	39 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	26 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	13 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.4 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	43b0fbab-d94b-43e8-be0a-0b39cadd288b
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer



Lifetime extension

Repair	No
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Use Again



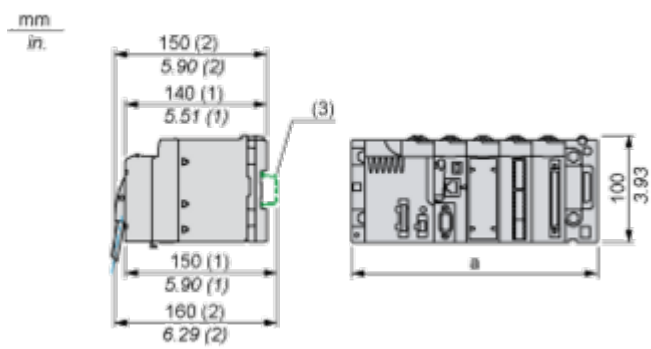
Repack and remanufacture

Recyclability potential, in %	3
End of life manual availability	End of Life Information
Take-back	No

Dimensions Drawings

Modules Mounted on Racks

Dimensions



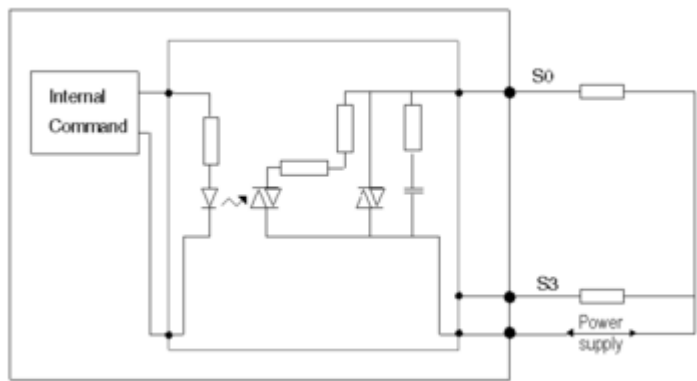
- (1) With removable terminal block (cage, screw or spring).
(2) With FCN connector.
(3) On AM1 ED rail: 35 mm wide, 15 mm deep. Only possible with BMXXBP0400/0400H/0600/0600H/0800/0800H rack.

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

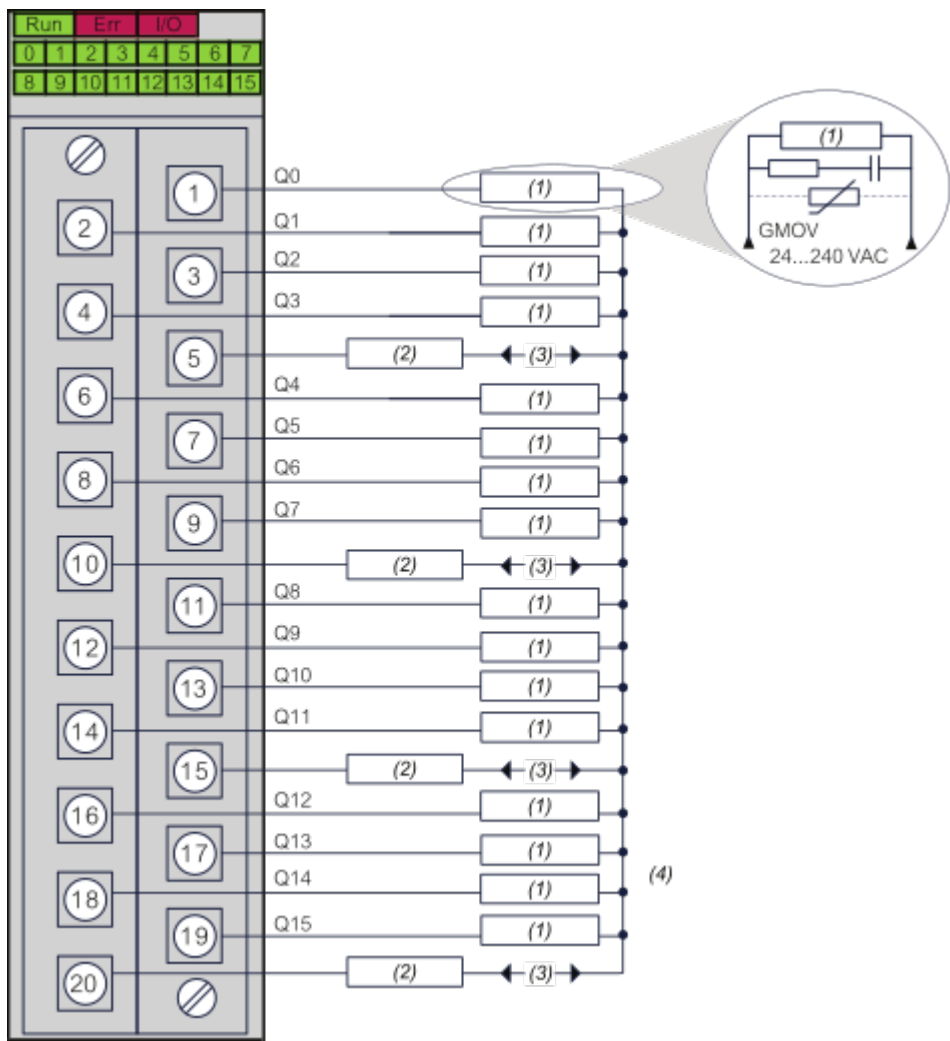
Connections and Schema

Connecting the Module

Output Circuit Diagram



Module Connection



- (1) Pre-actuator
- (2) Fuse : 1 fast blow fuse of 3 A for each 4-channel group
- (3) Power supply : 100...240 VAC
- (4) We recommend installing this type of protection on the terminals of each pre-actuator

Image of product / Alternate images

Alternative

