Product datasheet

Specifications



discrete output module - 8 outputs - solid state - 24 V DC positive - Safety

BMXSDO0802

Price: 43,611.42 ZAR

Main

Range Of Product	Modicon X80
Product Or Component Type	Discrete output module
Discrete Output Number	8 conforming to EN/IEC 61131-2
Discrete Output Type	Solid state Not isolated
Discrete Output Logic	Positive
Discrete Output Voltage	24 V 19...30 V DC
Discrete Output Current	0.5 A
Output Compatibility	Not IEC 61131-2 DC input IEC 61131-2 type 3 DC input

Complementary

Current Per Channel	0.625 A
Maximum Current Per Module	10 A
Maximum Leakage Current	0.5 mA at state 0
Maximum Voltage Drop	<1.2 V at state 1
Insulation Resistance	> 10 MOhm 500 V DC
Power Dissipation In W	4.4 W
Response Time On Output	1.2 ms
Paralleling Of Outputs	Yes : 2 maximum
Typical Current Consumption	264 mA at 3.3 V DC 15 mA at 24 V
Mtbf Reliability	383000 H
Protection Type	reverse polarity protection overload protection overvoltage protection short-circuit protection
Output Overload Protection	With current limiter With electronic circuit breaker 1.5 In < Id < 2 In
Output Overvoltage Protection	With transil diode
Output Short-Circuit Protection	With 2 A external fuse
Reverse Polarity Protection	Reverse mounted diode
Voltage Detection Threshold	< 14 V DC sensor fault > 18 V DC sensor OK
Maximum Tungsten Load	6 W

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

Switching Frequency	0.5/LI² Hz
Load Impedance Ohmic	>= 48 Ohm
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
Net Weight	0.12 kg

Environment

Ip Degree Of Protection	IP20
Environmental Characteristic	Gas resistant class Gx Gas resistant class 3C4 Dust resistant class 3S4 Sand resistant class 3S4 Salt resistant level 2 Mold growth resistant class 3B2 Fungal spore resistant class 3B2
Dielectric Strength	1500 V AC at 50/60 Hz 1 minute, output/ground 1500 V AC at 50/60 Hz 1 minute, output/internal logic
Vibration Resistance	3 gn
Shock Resistance	15 gn
Ambient Air Temperature For Storage	-40…85 °C
Ambient Air Temperature For Operation	-25…60 °C
Relative Humidity	5…95 % at 55 °C without condensation
Protective Treatment	Conformal coating
Operating Altitude	0...2000 m 2000...5000 m with derating factor

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.500 cm
Package 1 Width	18.000 cm
Package 1 Length	26.000 cm
Package 1 Weight	341.000 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	8
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	3.209 kg

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Well-being performance

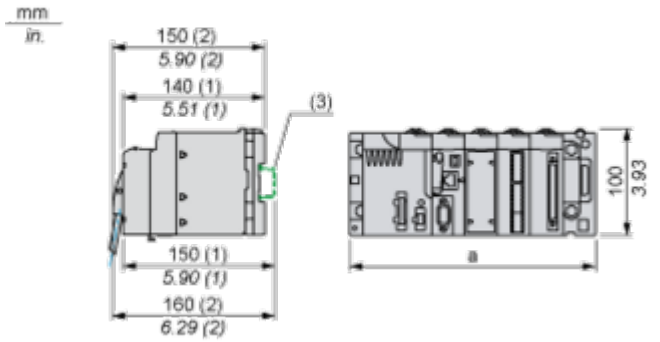
Mercury Free	
Rohs Exemption Information	Yes

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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