

Schneider  Series Service Manual

BMXDAO1605

1. Description

The BMXDAO1605 is a discrete output module from Schneider Electric's Modicon series. This model features 16 Triac outputs and functions within a voltage range of 100 to 240 volts AC. Each output channel is rated for a maximum current of 0.6 amps with an inrush current capability of 20 amps. discrete output module, Modicon X80, 16 triac outputs, 100 to 240V AC

2. Specifications

| Specification | Value                               |
|---------------|-------------------------------------|
| Manufacturer  | Schneider Electric                  |
| Product       | Line Modicon                        |
| Part          | Number BMXDAO1605                   |
| EAN           | 3595863966954                       |
| Weight        | 0.50 lbs (0.23 kg)                  |
| Product       | Discrete Output Module              |
| Output        | Number 16                           |
| Output        | Type Triac                          |
| Discrete      | Output Voltage 100 to 240 Volts AC  |
| Discrete      | Output Current per Channel 0.6 Amps |
| Inrush        | Current 20 Amps                     |
| Protection    | Type 1 External Fuse Fast Blow      |
| Maximum       | Current per Output Common 2.4 Amps  |
| IP            | Rating IP 20                        |
| Status        | LEDs Included                       |
| Recommended   | Environment Indoors                 |
| Operating     | Temperature 0...60 Degrees Celsius  |

3. Product Information

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Technical specifications for BMXDAO1605

Manufacturer Schneider Electric

Product Line Modicon

Part Number BMXDAO1605

EAN 3595863966954

Weight 0.50 lbs (0.23 kg)

Product Discrete Output Module

Output Number 16

Output Type Triac

Discrete Output Voltage 100 to 240 Volts AC

Discrete Output Current per Channel 0.6 Amps

Inrush Current 20 Amps

Protection Type 1 External Fuse Fast Blow

Maximum Current per Output Common 2.4 Amps

IP Rating IP 20

Status LEDs Included

Recommended Environment Indoors

Operating Temperature 0...60 Degrees Celsius

Description

The BMXDAO1605 from Schneider Electric serves as a discrete output module aligned with the Modicon series specifications. This component provides 16 outputs and operates using a Triac output type, allowing it to manage tasks efficiently. The output voltage capability ranges from 100 to 240 volts AC, making it adaptable for various applications. Each channel sustains up to 0.6 amps, supporting a well-rounded performance across different operational scenarios.

This module is designed with a robust inrush current capacity of 20 amps, accommodating sudden load changes without compromising integrity. A critical feature is the protection mechanism, which includes a fast blow external fuse, ensuring swift and effective circuit protection. All channels collectively can handle a maximum common current of 2.4 amps, providing flexibility for diverse outputs.

The BMXDAO1605 module is rated at IP 20, indicating safeguarded internal components in typical indoor environments. Operating conditions specify a temperature range from 0 to 60 degrees Celsius, ensuring reliable functionality within acceptable limits.

This module also includes status LEDs on its exterior, allowing users to monitor the system's performance easily. Overall, the BMXDAO1605 is structured to meet the demands of various industrial applications while ensuring efficient performance and reliable output management.