

Modicon X80 BMXDDO1602 Discrete Output Module - 16 Transistor Outputs, 24VDC Positive



Part Number: CCS-BMXDDO1602

Description: 16 x 24VDC Transistor, Positive Logic, comprehensive protection

Price: \$387.99

Detailed Description

High-performance Modicon X80 discrete output module, providing 16 transistor outputs designed for reliable control in diverse industrial automation applications. This module delivers 24VDC positive logic output, with a specified output voltage range of 19-30 VDC and a discrete output current of 0.5 A per channel. Each channel can handle a maximum current of 0.625 A, with the entire module supporting up to 10 A.

Engineered for durability and safety, it features comprehensive protection types including external fuse reverse polarity protection, short-circuit protection, overload protection (with electronic circuit breaker and current limiter), and overvoltage protection (with transil diode). The module boasts a fast response time of 1.2 ms and supports paralleling of up to 2 outputs for increased capacity. It maintains high insulation resistance (> 10 MOhm at 500 VDC) and has a power dissipation of 4 W, contributing to efficient system operation.

The BMXDDO1602 comes equipped with various status LEDs: one green LED for module operating (RUN), one green LED per channel for diagnostic, one red LED for module error (ERR), and one red LED for module I/O, providing clear operational feedback. It features an IP20 degree of protection and is built to withstand industrial environments, with an operating temperature range of 32-140°F (0-60°C).

This module complies with key directives (2014/35/EU - low voltage, 2014/30/EU - electromagnetic compatibility) and boasts robust resistance to vibration (3 gn) and shock (30 gn). Weighing approximately 0.12 kg (0.26 lb), it is a compact and reliable solution for your Modicon X80 PAC system. Please note the California Proposition 65 warning regarding potential exposure to lead and lead compounds.

Specifications

Please refer to the webpage for the detailed item specs.

Instillation

[Specs Sheet](#)