

AutoMate®/DCS-5000/AutoMax™
Dual Dry Contact Output Module
(M/N 45C69)

Module Specifications

Module Location

- Plugged Into an I/O Rail (M/N 45C1)

Ambient Conditions

- Operating Temperature (at the module): 32 to 140°F (0 to 60°C)
- Storage Temperature: -4 to 158°F (-20 to 70°C)
- Humidity: 5 to 90% (Non-Condensing)

Module Dimensions

- Height: 1³/₁₆ inches (2.1 cm)
- Width: 3 inches (7.6 cm)
- Depth: 6¹/₁₆ inches (15.5 cm)
- Weight: 5 ounces (140 grams)

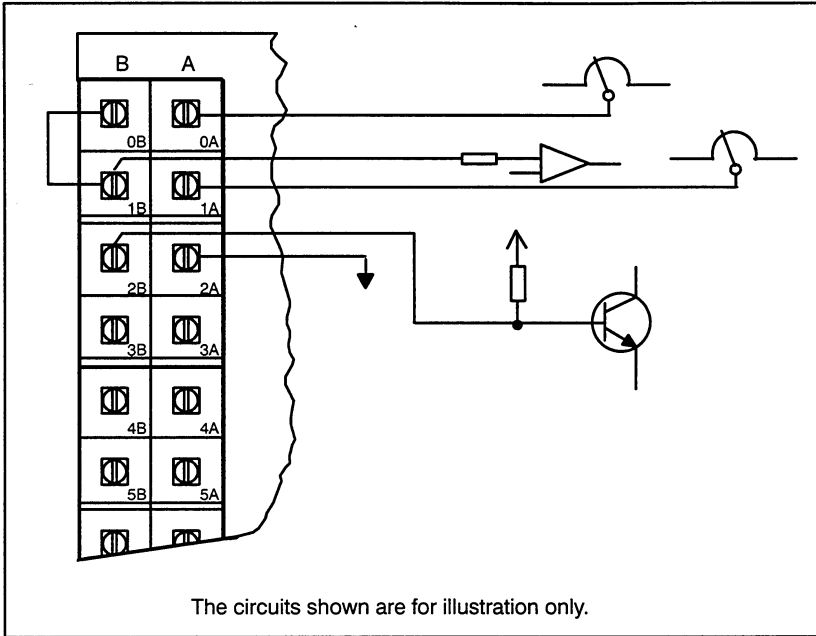
Output Circuit

- Number of Outputs: 2 Channels
- Output Voltage: 0.10 to 125 VAC
0.10 to 30 VDC
- Resistive Output Current : 0.01 ma to 0.4 A at 125 VAC
(PF=1) 0.01 ma to 1A at 30 VDC
- Maximum Resistive Switching Capacity: 50VA, 60W
- Power Dissipation: 0.2W Maximum per Output Channel
- Contact Resistance: 0.2 Ohms (includes rail resistance)
- Contact to Contact Electrostatic Capacitance: 4pF
- Electrical Isolation: (1) 1500 V (RMS) isolation between the output circuit and the logic circuit
(2) 1000 V (RMS) channel to channel isolation
(3) 1000 V (RMS) isolation across open contacts
- Surge Current for 0.1 Seconds: 5A D-C
- Maximum Operating Speed: 60 Cycles per Second
- Mechanical Life Expectancy: 1x10⁹ operations
- Electrical Life Expectancy: 15x10³ operations at 30 VDC at 1A (Rated)
40x10³ operations at 30 VDC at 0.5A (Rated)
200x10³ operations at 30 VDC at 0.2A (Rated)
- Maximum Contact Bounce: 3 Milliseconds
- Maximum Operating Time: 5 Milliseconds
- Maximum Release Time: 5 Milliseconds

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External Connections



This module is intended for use with resistive loads only.

This material is not intended to provide operating instructions. Appropriate Reliance Electric Industrial Company Instruction Manuals should be studied prior to the installation, operation, or maintenance of the equipment.

For more detailed and complete information, please refer to the AutoMate/DCS-5000/AutoMax Digital I/O Rails and Modules Instruction Manual, J-3012.

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