

Allen-Bradley 1746 1747 Series Service Manual

1762-OA8

1. Description

The Allen-Bradley 1762-OA8 is a solid-state output module. This 8-point output module has an operating voltage of around 85 to 265 Volts AC. The 1762-OA8 uses an input power of 100 to 240 Volts AC. Technical specifications for 1762-OA8

2. Specifications

Specification	Value
Manufacturer	Rockwell Automation
Brand	Allen-Bradley
Part	Number/Catalog No. 1762-OA8
Function	Solid-State Output Module
Input	Power 100 to 240 Volts AC
Outputs	(8) AC Triac
Dimensions	(HxWxD) 3.54 x 1.59 x 3.43 inches
Shipping	Weight 0.5 pounds
Heat	Dissipation 2.9 Watts
Operating	Voltage 85 to 265 Volts AC
Operating	Frequency 47 to 63 Hertz
Commons	2 Description
The	Allen-Bradley 1762-OA8 is a solid-state output module. Its non-operating temperature varies from -40 to 185 degrees Fahrenheit while its operating temperature varies from 32 to 131 degrees Fahrenheit. This module also complies with the NEMA ICS 2-230, EN50081-2 Class A, IEC1000-4-2, and the IEC1000-4-3 standards. The 1762-OA8 operates on 85 to 256 Volts AC at 47 to 63 Hertz. This module has 8 outputs. Its maximum bus current is 115 mA at 5 Volts DC and its maximum heat dissipation is 2.9 W. The maximum voltage drop of the 1762-OA8 is 1.5 Volts at 0.5 Amps while the minimum on-state current of this module is 10 mA.

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The 1762-OA8 must be well-grounded on a proper mounting surface, like a metal panel**. Refer to Allen-Bradley's wiring and grounding guidelines for more information. Ensure that the module is free of all metal fragments before operation because these fragments could cause damage when the power is applied. Make sure to keep the finger-safe cover in place when wiring the terminal block. Once removed, the cover cannot be put back on the module because the wires' position will prevent it. The 1762-OA8 is compatible with MicroLogix 1100, MicroLogix 1200, and MicroLogix 1400 systems.

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