

Allen-Bradley 1762-OW8 Manual

Brand	Allen-Bradley
Product Series	1746 1747
Product Type	Relay Output Module

Description

The Allen-Bradley 1762-OW8 output module is a solid-state type of industrial output module. It is part of the Allen-Bradley MicroLogix 1200 series and it can be used as part of a MicroLogix control system. The 1762-OW8 output module can be mounted on a DIN Rail and it is meant to be used in clean and dry industrial environments that have Pollution Degree 2 pollution ratings. This solid-

Technical specifications for 1762-OW8

Manufacturer Rockwell Automation

Brand Allen-Bradley

Series MicroLogix

Product Type Relay Output Module

Compatible Controllers MicroLogix 1100 / 1200 / 1400

Mounting Type DIN Rail

Part Number/Catalog No. 1762-OW16

Outputs Eight (8) AC/DC Relay

Power Supply Distance Rating 10 Modules

Relay Contact Voltage Ratings 24-125 VDC;120-240VAC

Voltage Category AC/DC Normally Open Relay

Operating Voltage Range 5-265V AC; 5-125V DC

Mounting Type DIN Rail; Panel Mounting

No. of Groups Two (2)

UPC 10612598207265

Channels Per group Four (4)

Signal Delay 10 ms

Max. Current per point 2.5 A

Shipping Weight 228 g (0.50 lbs.)

Heat Dissipation 2.9 Total Watts

Description

The Allen-Bradley 1762-OW8 is an Eight (8) point AC/DC relay-type output module for use with MicroLogix 1100/1200/1400 Programmable Logic Controllers. It is part of the Bulletin 1762 MicroLogix Expansion I/O Module series. It provides flexibility in industrial environments by maximizing the I/O capabilities of controllers in terms of type and count. It supports rackless modular design reduces replacement parts inventory and boosts cost savings. Plus, the 1762-OW8 can be mounted on a panel or a DIN rail. The 1762-OW8 Output Module has an AC/DC normally-open relay voltage category with an operating range of 5 to 265 Volts AC and 5 to 125 Volts DC. It has a maximum bus current draw of 80 mA at 5 Volts DC (0.40 Watts) and 90 mA at 24 Volts DC (2.16 Watts). Its maximum continuous current per common is 8 A, and it is 16 A per module. This device should be installed 6 modules away from the host device's power supply. It houses two isolated output groups - outputs 0 to 3, and outputs 4 to 7. The 1762-OW8 Relay Output Module can be mounted on the EN 50 022 35 x 7.5 millimeters or the EN 50 022 35 x 15 millimeters DIN rails. For installation in high vibration or shock environments, use DIN rail end anchors. For greater vibration requirements, opt for panel mounting. For both DIN rail and panel mounting, keep debris from falling into the 1762-OW8 module to avoid any damage.

The 1762-OW8 is a MicroLogix Relay output expansion module. This expansion module feature Two (2) output groups, with each group having Four (4) outputs each. Group 0 is consisted of Channels 0-3 while Group 1 is comprised of Channels 4-7. This module is compatible for enhancing the embedded output capability of MicroLogix 1100, 1200 and 1400 Programmable Logic Controller

(PLC). This module features Eight (8) relay contact outputs that is designed to operate at voltage categories of 5 to 265VAC and 5 to 125VDC voltage ranges. This module connects to the MicroLogix bus via the provided ribbon cable that is terminated to the adjacent expansion module or the MicroLogix base controller. The signal delay time exhibited by each channel of the module is at 10 ms for both ON to OFF and OFF to ON transitions. Each output point is rated for 2.5 A continuous current, Continuous Current per common of 8A and Continuous Current per module of 16A.

Use this module to energize magnetic contactors, relay coils, solenoid actuated devices. It may also be used to signal RUN and START command of Variable Frequency Drives (VFD), Motor Starters and similar loads. Generally, it may also be used to energize pilot lamps, indicators, alarm annunciator panels, siren, buzzer, horn and other discrete devices.

This module is required to be introduced in the hardware configuration.

Technical Specifications

Manufacturer Rockwell Automation

Brand Allen-Bradley

Series MicroLogix

Product Type Relay Output Module

Compatible Controllers MicroLogix 1100 / 1200 / 1400

Mounting Type DIN Rail

Part Number/Catalog No. 1762-OW16

Outputs Eight (8) AC/DC Relay

Power Supply Distance Rating 6 Modules

Relay Contact Voltage Ratings 24-125 VDC; 120/240VAC

Voltage Category AC/DC Normally Open Relay

Operating Voltage Range 5-265V AC; 5-125V DC

Mounting Type DIN Rail; Panel Mounting

No. of Groups Two (2)

UPC 10612598207265

Channels Per group Four (4)

Signal Delay 10 ms

Max. Current per point 2.5 A

Shipping Weight 228 g (0.50 lbs.)

Heat Dissipation 2.9 Total Watts Description

The Allen-Bradley 1762-OW8 is an Eight (8) point AC/DC relay-type output module for use with MicroLogix 1100/1200/1400 Programmable Logic Controllers. It is part of the Bulletin 1762 MicroLogix Expansion I/O Module series. It provides flexibility in industrial environments by maximizing the I/O capabilities of controllers in terms of type