

Allen-Bradley 1746 1747 Series Service Manual

1762-L24AWAR

1. Description

The 1762-L24AWAR is an Allen-Bradley 1762-L24AWAR sinking and sourcing controller. The 1762-L24AWAR has 10 outputs at 120 Volts AC. This is a Micrologix 1200 Controller with 14 total inputs. Technical specifications for 1762-L24AWAR

2. Specifications

Specification	Value
Manufacturer	Rockwell Automation
Brand	Allen-Bradley
Part	Number/Catalog No. 1762-L24AWAR
Input	Power 120-240V AC
Inputs	(14) 120V AC
Outputs	(10) Relay
UPC	10781180463836
UNSPSC	32151705 Description
The	Allen-Bradley 1762-L24AWAR sinking and sourcing controller is part of Allen-Bradley's MicroLogix 1200 Programmable Controller series. Its mounting dimensions are 3.5 x 4.33 x 3.43 inches. Its on-state voltage range is 79 to 132 Volts AC, and its off-state voltage range is 0 to 20 Volts AC, at a 47 to 63 Hertz operating frequency. The 1762-L24AWAR's off-state leakage current is 2.5 mA maximum while its on-state current varies: the minimum current is 5 mA at 79 Volts AC, the nominal is 12 mA at 120 Volts AC, and the maximum current is 16 mA at 132 Volts AC. Its maximum inrush current at 120 Volts AC is 250 mA. Its operating frequency is 47 to 63 Hertz. The 1762-L24AWAR features an on-state voltage range of 79 to 132 Volts AC while its off-state voltage range is 0 to 20 Volts AC. Its off

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The 1762-L24AWAR has 5 different working isolation voltages: the input group to backplane isolation, the output group to backplane isolation, the input group to input group isolation, the output group to output group isolation, and the power supply to backplane isolation voltage. The 1762-L24AWAR's input power is 120 to 240 Volts AC. Its I/O are 14 to 120 Volts AC inputs and 10 relay outputs. It has an additional RS-232 port called a Programmer/HMI Port that provides an HMI or network connection for industrial applications, but it can only handle DH Full-Duplex communications, it cannot initiate message but only respond to the ones it receives, and its parameters cannot be altered.

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