

1764-24BWA

Allen-Bradley (Rockwell Automation) · MicroLogix 1500 / Bulletin 1764

The Allen-Bradley 1764-24BWA is a MicroLogix 1500 base unit providing embedded I/O for the MicroLogix 1500 system. It features 12 sinking/sourcing-configurable 24V DC inputs and 12 relay (Form A, dry contact) outputs, powered from a 120/240V AC supply. A 1764-ECR end cap resistor is required to attach 1769 Compact I/O as right-side expansion.

Manufacturer: Allen-Bradley (Rockwell Automation)

Brand: Allen-Bradley

Part Number/Catalog No.: 1764-24BWA

Base Catalog: 1764-24BWA

Series Suffix: None

Product Type: Processor / Controller (Base Unit)

Product Family: MicroLogix 1500 / Bulletin 1764

Model-Specific Specifications:

12 x 24V DC inputs (sinking/sourcing configurable)

12 x relay (Form A) outputs

120/240V AC power

requires 1764-ECR for 1769 expansion

Series / Family Common Specifications:

Compact, packaged form factor smaller than full-size SLC/PLC; mounts on standard DIN rail and panel.

Available as 24V DC or 120/240V AC powered controllers (variant depends on model).

Embedded I/O on controller: 1762/1764/1766 support optional rackless expansion I/O (1762 modules shared across 1100/1200/1400); 1761 is fixed.

Serial comm via RS-232, RS-485, DH-485; later controllers (e.g. 1766 MicroLogix 1400) add embedded Ethernet.

Programmed with RSLogix 500 / RSLogix Micro; instruction set shared with SLC 500.

Ladder user program + data in nonvolatile memory; optional memory/RTC backup; capacity varies by model.

Lifecycle Status: Discontinued

Discontinuation Date: 2017-05-04

Recommended Replacement: MicroLogix 1400 (1766-L32xxxx) or CompactLogix L1/L2