MICROLOGIX 1200

Product Data Sheet

1762-L40BWA

Compact AC Relay Controller

INTEGRATED DIGITAL INPUT COUNT	INTEGRATED RELAY OUTPUT COUNT	MAINS POWER RATING	MAINS FREQUENCY RATING
24	**16**	**100 to 240 V AC, -15% / +10%**	**47 to 63 Hz**

Allen-Bradley 1762-L40BWA is a compact ac relay controller in the MicroLogix 1200 range. It is used for compact machine and process control with relay switching in compatible industrial automation systems.

01 VERIFIED TECHNICAL DATA

Integrated digital input count	24
Integrated relay output count	16
Mains power rating	100 to 240 V AC, -15% / +10%
Mains frequency rating	47 to 63 Hz
Input circuit rating	24 V DC, sinking/sourcing
Maximum heat dissipation	22 W
Power-supply usage	82 VA
Inrush ratings	25 A for 8 ms at 120 V; 40 A for 4 ms at 240 V
Expansion current budget	600 mA at 5 V; 500 mA at 24 V
Sensor power output	400 mA at 24 V DC, within combined 16 W budget

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Maximum expansion modules	6, subject to supply loading
Relay common-group limit	8 A
Relay minimum load	10 mA
Relay mechanical endurance	20 million cycles
Operating ambient	0 to 55 deg C

03 DOCUMENTED USE SETTINGS

Food Processing and Beverage Processing: Food Processing and Production.

Water Supply and Municipal Wastewater Treatment: Municipal Water Supply Control.

Packaging Processing and Material Converting: Industrial Packaging Process Automation.

04 SYSTEM COMPATIBILITY

Integrate 1762-L40BWA only in the documented MicroLogix 1200 configuration. Match the installed interfaces and the engineered application before selecting this compact ac relay controller.

05 PRODUCT EVIDENCE

Rockwell1762-UM001I-EN-P,05/2024;L40BWA column,pp.73 to 77

AMIKON PRODUCT SUPPORT

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