

MICRO850 PROGRAMMABLE CONTROLLERS

Product Data Sheet

2080-L50E-24QBB

24-point programmable controller

DIGITAL INPUTS 14	DIGITAL OUTPUTS 10, sourcing transistor	SUPPLY VOLTAGE RANGE 21.4 to 26.4 V DC, Class 2	BASE POWER CONSUMPTION 8 W maximum
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Allen-Bradley 2080-L50E-24QBB is a 24-point Micro850 programmable controller in the Micro800 family for standalone machine automation. It combines fourteen digital inputs and ten sourcing transistor outputs, with embedded Ethernet and support for compatible plug-in and expansion I/O modules.

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VERIFIED TECHNICAL DATA

Digital inputs	14
Digital outputs	10, sourcing transistor
Supply voltage range	21.4 to 26.4 V DC, Class 2
Base power consumption	8 W maximum
Fully expanded power consumption	28 W maximum
Expansion I/O capacity	4 modules maximum
PTO/PWM channels	2
High-speed counters	4
Embedded Ethernet node capacity	8; firmware 21.011 or later
Input current rating	8.8 mA at 24 V

ADDITIONAL PRODUCT DATA

Output current per point	1 A at 30 deg C; 0.3 A at 65 deg C
Continuous isolation voltage	50 V, reinforced insulation
Isolation type-test voltage	720 V DC for 60 s
Terminal screw torque	0.4 to 0.5 N m
Wire stripping length	7 mm

DOCUMENTED USE SETTINGS

Food Manufacturing and Beverage Packaging Production: Food Production and Packing.

Industrial Material Handling and Product Distribution: Warehouse Sorting and Distribution.

Water Supply and Industrial Wastewater Treatment: Municipal Water Supply.

SYSTEM COMPATIBILITY

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PRODUCT EVIDENCE

Allen-Bradley Micro850 programmable controllers official technical documentation

AMIKON PRODUCT SUPPORT

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