

# 2080LC3024QBB

Allen-Bradley Micro830 Controller 14DI 10DO Source RS232/485  
24VDC



MICRO CONTROL SYSTEMS



**Allen-Bradley**



|                |                |
|----------------|----------------|
| Component type | PLC CPU-module |
| Range          | Micro 800      |
| Model          | 830            |
| Alternative    | 2080L50E24QBB  |

Allen-Bradley Micro800 controllers offer both a scalable and robust micro control solution for small to large standalone applications and allow for customisation and flexibility. You can elect from a wide range of plug-in modules to match your requirements and make use of Connected Components Workbench™ software to help reduce machine design time and maximise productivity.

## ELECTRICAL

|                                |             |
|--------------------------------|-------------|
| Supply voltage DC              | 20.4-26.4 V |
| Voltage type of supply voltage | DC          |
| With optical interface         | No          |
| Redundancy                     | No          |

## COMMUNICATION

|                                                       |     |
|-------------------------------------------------------|-----|
| Number of HW-interfaces USB                           | 1   |
| Max. number of EtherNet/IP nodes                      | 20  |
| Can be programmed with Connected Components Workbench | Yes |
| Can be programmed with Studio 5000 Logix Designer     | No  |
| Can be programmed with RSLogix 500                    | No  |
| Supporting protocol for TCP/IP                        | No  |
| Supporting protocol for PROFIBUS                      | No  |
| Supporting protocol for CAN                           | No  |
| Supporting protocol for INTERBUS                      | No  |
| Supporting protocol for ASI                           | No  |
| Supporting protocol for KNX                           | No  |
| Supporting protocol for Modbus                        | No  |
| Supporting protocol for Data-Highway                  | No  |
| Supporting protocol for DeviceNet                     | No  |
| Supporting protocol for SUCONET                       | No  |
| Supporting protocol for LON                           | No  |
| Supporting protocol for PROFINET IO                   | No  |
| Supporting protocol for PROFINET CBA                  | No  |
| Supporting protocol for SERCOS                        | No  |
| Supporting protocol for Foundation Fieldbus           | No  |
| Supporting protocol for EtherNet/IP                   | No  |

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## COMMUNICATION

|                                                     |    |
|-----------------------------------------------------|----|
| Supporting protocol for AS-Interface Safety at Work | No |
| Supporting protocol for DeviceNet Safety            | No |
| Supporting protocol for INTERBUS-Safety             | No |
| Supporting protocol for PROFI-safe                  | No |
| Supporting protocol for SafetyBUS p                 | No |
| Supporting protocol for other bus systems           | No |
| IO link master                                      | No |

## CONSTRUCTION

|                                    |         |
|------------------------------------|---------|
| Number of digital inputs           | 14      |
| Number of digital outputs          | 10      |
| Memory size                        | 0.01 MB |
| Additional program memory possible | No      |
| Suitable for safety functions      | No      |
| Model                              | Modular |
| System accessory                   | No      |
| With display                       | No      |
| Rail mounting possible             | No      |
| Wall mounting/direct mounting      | No      |
| Front built-in possible            | No      |
| Rack-assembly possible             | No      |

## DIMENSIONS

|        |        |
|--------|--------|
| Width  | 150 mm |
| Height | 90 mm  |
| Depth  | 80 mm  |

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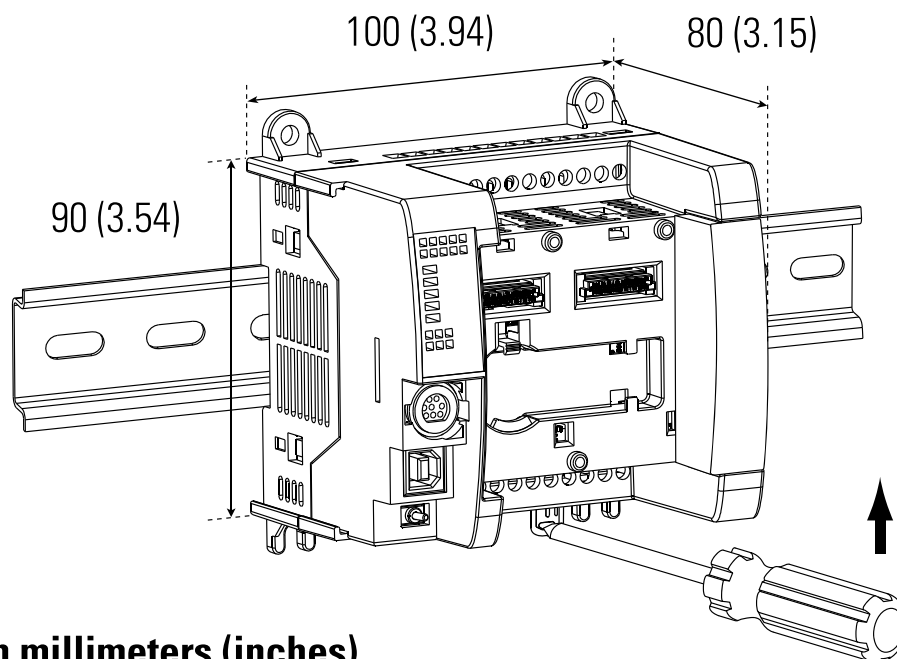
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## DIMENSIONAL DIAGRAM

*Micro830 10- and 16-Point Controllers*  
*2080-LC30-10QWB, 2080-LC30-10QVB,*  
*2080-LC30-16AWB, 2080-LC30-16QWB, 2080-LC30-16QVB*



45032

**Measurements in millimeters (inches)**