# 2080LC2020AWB

**Allen-Bradley Micro820 Controller 8DI 4AI 7DO Relay 1AO Ethernet RS232/485 120VAC**

MICRO CONTROL SYSTEMS




| | |
|---|---|
| **Component type** | PLC CPU-module |
| **Range** | Micro 800 |
| **Model** | 820 |
| **Alternative** | 2080L20E20AWB |

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 | 24 V |
| | Voltage type of supply voltage | DC |
| | With optical interface | No |
| | Redundancy | No |
| **COMMUNICATION** | Number of HW-interfaces industrial Ethernet | 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 | Yes |
| | 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 | Yes |
| | 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 | Yes |



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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 PROFIsafe | No |
| | Supporting protocol for SafetyBUS p | No |
| | Supporting protocol for other bus systems | Yes |
| | IO link master | No |
| **CONSTRUCTION** | Number of relay outputs | 7 |
| | Number of analogue outputs | 1 |
| | Number of analogue inputs | 4 |
| | Number of digital inputs | 12 |
| | Number of digital outputs | 8 |
| | Memory size | 20 MB |
| | Additional program memory possible | No |
| | Suitable for safety functions | No |
| | Model | Modular |
| | System accessory | No |
| | With display | No |
| | Rail mounting possible | Yes |
| | Wall mounting/direct mounting | Yes |
| | Front built-in possible | Yes |
| | Rack-assembly possible | Yes |
| **DIMENSIONS** | Width | 104 mm |
| | Height | 90 mm |
| | Depth | 75 mm |





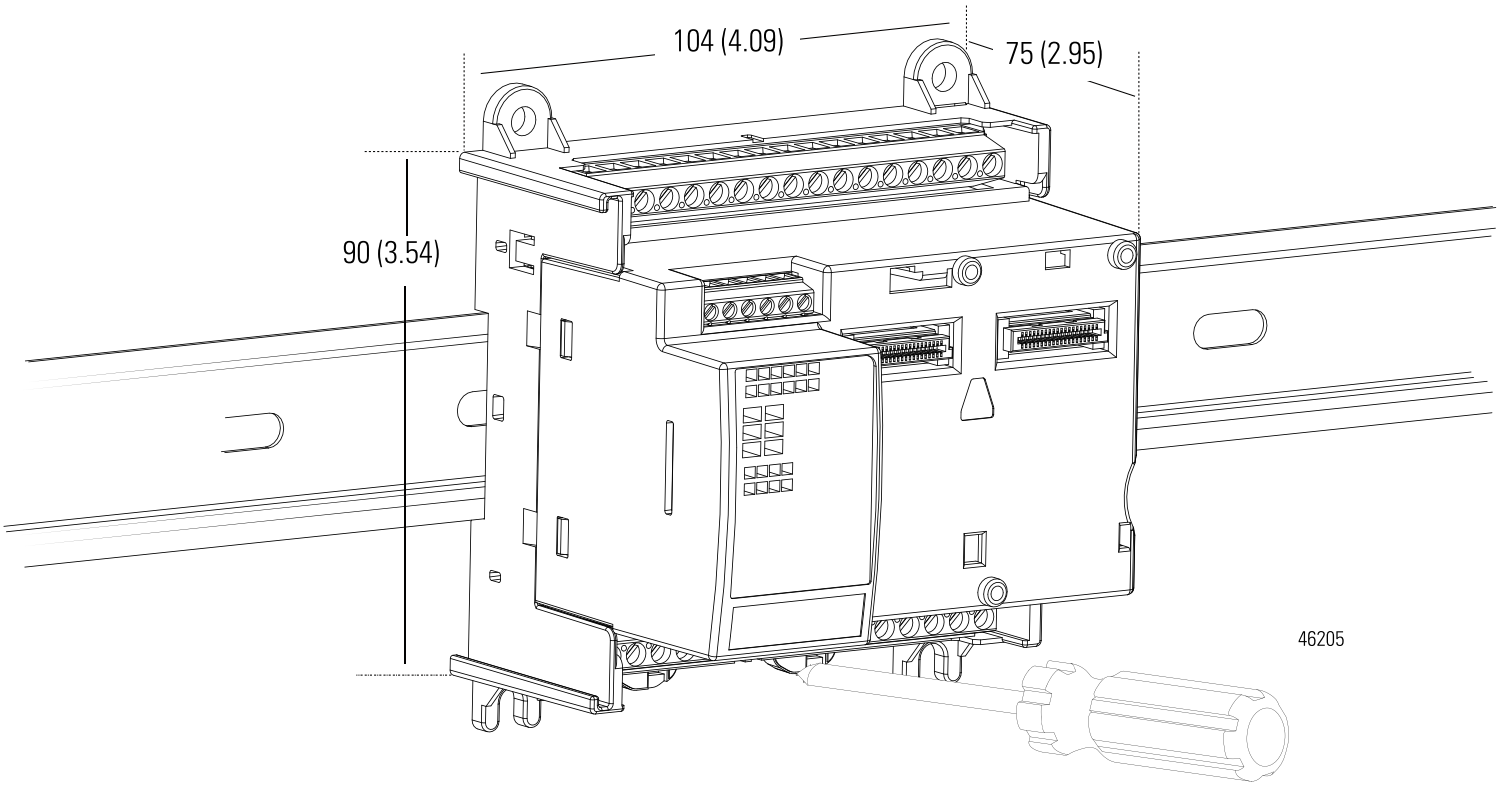
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## DIMENSIONAL DIAGRAM




**Measurements in millimeters (inches)**

## RELATED PRODUCTS

### ACCESSORY



**Item No:** 2080PS120240VAC
**Required:** No
**Description:** Allen-Bradley Micro800 Power Supply 110-240VAC to 24VDC 1.6A

**Item No:** 2080USBPRGCAB
**Required:** No
**Description:** Allen-Bradley Micro800 Programming Cable USB Type A/B Male to Male



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