



MLC 9000+™

Maximum Productivity and Versatility for Control without Compromise!

Basic Bus Communication Module

DESCRIPTION

The Basic Bus Communication Module (BCM) is part of the MLC 9000+ DIN rail mount PID control system. The BCM handles the supervision of the Loop Controller Modules. The Basic BCM is for standalone systems that require no supervision by a master device such as a PLC system.



APPLICATIONS:

Ideal for multi-zone temperature or process control applications (speed, flow, pressure, etc). Takes the place of either a PLC and multiple discrete controllers or combination PLC/HMI. For users seeking an integrated solution for improved PLC performance.

INDUSTRIES

Packaging, plastics, converting, semiconductor, food processing, heat treat and environmental test chambers to name a few.

FEATURE/BENEFITS

- Configuration Port
- Software Configurable
- DIN Rail Mounting
- Fully Isolated from any other System

PARTLOW™ brand

MLC 9000+™

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Basic Bus Communication Module

SPECIFICATIONS*

STANDARD FEATURES

Function: Supports up to 8 LCM modules per BCM (for max of 32 loops); Larger systems require multiple BCM's (dependent on bus module(s) type ordered). Equipped with Partlow Configuration Port

Construction/Enclosure: Compact, modular, behind the panel (BTP), DIN rail design; NEW ABS black bus module with dedicated configuration port

OPERATING CHARACTERISTICS (APPLIES TO BOTH BCM/LCM)

Operating Temp: 32° to 131°F (0° to 55°C)

Storage Temp: -4° to 176°F (-20° to 80°C)

Humidity: 30% to 90% non-condensing R.H.

ELECTRICAL

Power Consumption: 30W Max

Power Supply: 2-way; 5.08mm (0.2"); Combicon type

Line Voltage: 18-30VDC (including ripple)

CONFIGURATION PORT

Protocol: Partlow PC Configuration protocol only

Function: Communicates with Partlow MLC 9000+ Configuration Software allowing the user to fully customise the communication interface to the MLC 9000+ system.

Diagnostics: Three color LED, indicating Power Fail, Bus Alarm & Communications Status

Connector: 6-way; RJ11 Type

RATINGS/AGENCY APPROVALS

Safety: EN61010 and UL/Ulc 3121-1

EMC: Certified EN61326-1: 1997

Other: ISO 9002 Registered

PROTECTION

IEC IP20; Designed for installation in an enclosure which is sealed against dust and moisture.

PHYSICAL DIMENSIONS

Width: 1.18" (30mm); Up to 8.11" (206mm) for 8 module system up to 32 loops

Depth: 4.72" (120mm)

Height: 3.94" (100mm)

Weight: 5.3 oz (0.15kg)

Mounting: directly fitted onto 35mm Top-Hat DIN rail mounting (EN55022, DIN 46277-3)

WARRANTY

3 Years

ORDERING INFORMATION

MLC 9002-BM210-NF

BCM with Configuration Port only

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