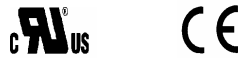


MLC 9000+ Basic Bus Module



The Basic Bus Module is part of the MLC 9000+ DIN-Rail mounting multiple loop PID control system. The Basic Bus Module is the supervisor in the MLC 9000+ system and can communicate with up to 8 single or multiple Loop Modules. The Basic Bus Module is for standalone systems that require no supervision by a master device as no fieldbus connection is provided.

- **Dedicated Configuration port**
- **Software Configurable**
- **Direct DIN Rail Mounting**
- **Fully Isolated from any other system**



Technical Data

Configuration Port

Protocol	West PC Configuration protocol only
Function	Communicates with West MLC 9000+ Configuration Software
Diagnostics	Three colour LED, indicating Power Fail, Bus Alarm & Communications Status
Connector	6-way RJ11 Type

Physical

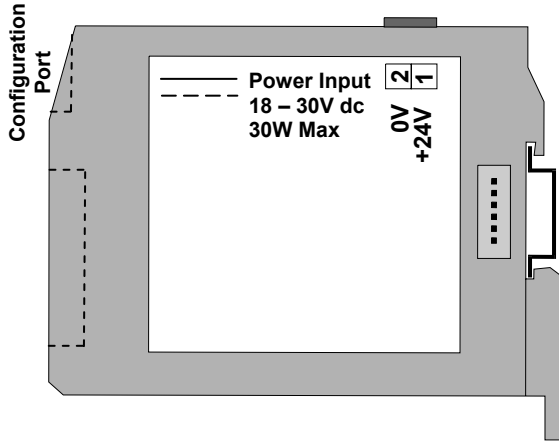
Dimensions	Height: 100mm, Width: 30mm, Depth: 120mm
Mounting	Directly fitted onto 35mm Top-Hat DIN mounting rail (EN50022, DIN46277-3)
Weight	0.21kg

Operating & Environmental

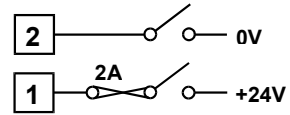
Temperature & RH	0 to 55°C (-20 to 80°C storage), 30% to 90%RH non-condensing
Power Supply	18 to 30Vdc (inc ripple), 30W Max
Power Connector	2-way 5.08mm Combicon type
Protection	IEC IP20. Designed for installation in an enclosure which is sealed against dust and moisture

Approvals and Certification	EMC: Certified to EN61326. Safety: Complies with EN61010 and UL 3121-1
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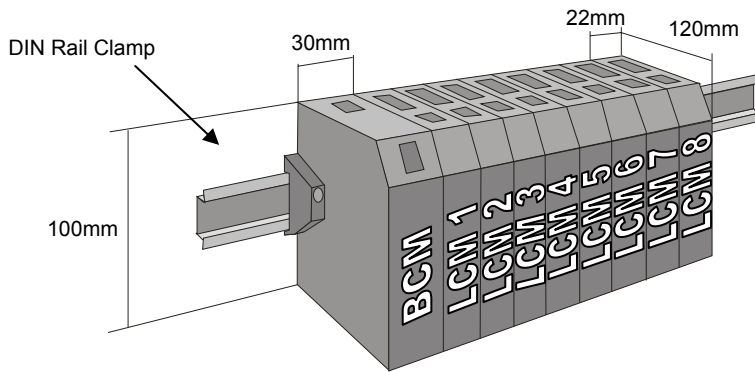
Connection Details



Power Connections

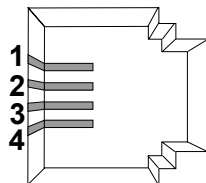


System Dimensions



Configuration Port

Pin No.	Signal / Function
1	Receive Data
2	Transmit Data
3	No connection
4	Signal Ground



RJ11 Connector

Order Code

MLC 9000-BM210-NF Bus Module with Configuration Port only

In accordance with our policy of continuous improvement, we reserve the right to change specifications from those shown in this document.

MLC 9000+ Basic Bus Module- 05/04