

LM5p2-PMC

LogicMachine5 Power PMC

LogicMachine is a secure and versatile IoT edge controller designed for building automation in residential, commercial and industrial environments.

Physical interfaces

KNX/TP	1
RJ45	1
RS-485	1
RS-485 / RS-232	1 (switchable in software)
USB 2.0	1

Power

Power supply	24 V DC via terminals or passive PoE
Power consumption	1 W (minimum, no external load)
KNX power	24 .. 29 V DC (top left power terminal)

Connections

KNX bus	Bus connection terminal, 0.8 mm ²
Power supply and I/O ports	Screw terminals, 0.8 mm ² .. 1.5 mm ²

Indicators

LED 1	Green – System load
LED 2	Green – Normal operation / Red – Reset

Enclosure

Mounting support	DIN rail
DIN module width	4
Dimensions WxHxD	72 x 112 x 61 mm
IP degree of protection	IP20
Net weight	153 g

Standards compliance

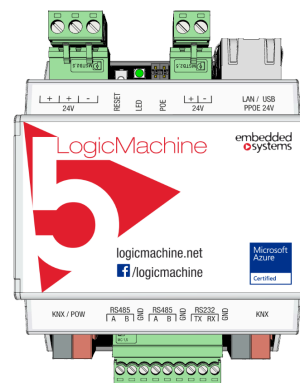
EMC	EN61000-6-1; EN61000-6-3
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Environment

Operational temperature	0 °C .. +45 °C
Storage temperature	-15 °C .. +55 °C
Relative humidity	0% ... 93% (without condensation)

Warranty

	2 years
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Key highlights

Seamless integration

Interconnects KNX, Modbus, BACnet, MQTT and other automation protocols.

Cloud-ready

Supports connectivity to Microsoft Azure, AWS and other IoT platforms.

Low-power & scalable

Optimized for low energy use. Ideal for residential, commercial & industrial deployments.

Third-party services & voice control

Compatible with Amazon Echo, Apple HomeKit, Google Home and other third-party services.

Customizable automation

Lua scripting support for advanced automation, logic and data handling.

Web interface

Modern visualization on PCs & touch devices with real-time control & monitoring.

App store & extensibility

Install prebuilt applications or create your own for specific use cases.

Security & access control

Supports KNX Data Secure, KNX/IP secure routing, and user-level permissions.

Remote KNX bus access

Complete system control and KNX device programming from anywhere using VPN or ZeroTier service.

Privacy-oriented

Fully operational without internet access, no telemetry and user data collection.

logicmachine.net