

# LM5p2-DW1

## LogicMachine5 Power DW1

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
DALI	2
1-Wire	2

### Power

Power supply	24 V DC via terminals or passive PoE
Power consumption	1 W (minimum, no external load)

### Connections

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

### 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	137 g

### Standards compliance

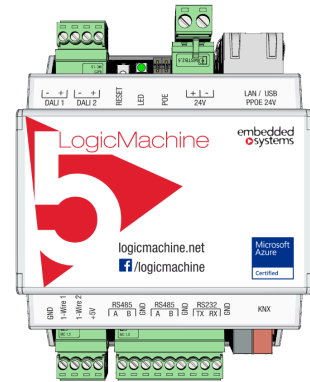
EMC	EN61000-6-1; EN61000-6-3
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### Environment

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

### Warranty

2 years



### 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](http://logicmachine.net)