

Logic Machine 3

Logic Machine is your easiest way to program complex logic in building automation networks. The Logic Machine will enable you to efficiently customize building automation processes, easily delivering unlimited flexibility benefit to end users in a cost-effective way.

Logic Machine is an embedded platform with integrated TPUART2, Ethernet 10BaseT/100BaseTX, USB 2.0 interfaces. Logic Machine allows to use it as IP Router, cross-standard gateway (KNX TP, KNXnet/IP, Modbus TCP/RTU Slave/Master, BACnet, DMX, EnOcean, DALI, 3G), logic engine, visualization WEB SCADA server. Scripting templates provides user-friendly flexible configuration interface. Via applying custom scripts the Logic Machine can simultaneously act as thermostat, security panel, lighting controller, etc.



ENG - Data sheet

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Application

Logical functions; WEB SCADA visualization for PC and touch-devices; multi protocol gateway over Ethernet and Serial ports (RS-485).

Types of product

Logic Machine 2 Interface

KNXLM2IF3

Standards and norms compliance

EMC: EN61000-6-1
EN61000-6-3
PCT Certificate

Technical data:

Power supply: 24V DC -20...+25%
Power consumption: 1.3W

Interface: TP1 1
10BaseT/100BaseTX 1
RS-485 4
USB2.0 2
Digital outputs 8
Analog inputs 2

Connections: KNX bus: Bus Connection Terminal
0.8mm²
Power supply: Clamp, 1.5mm²
Serial: Clam, 1.5mm²
IO: Clam, 1.5mm²

Operating elements LED 1 – CPU load
1 - Activity

Enclosure: Material: Polyamide
Color: Gray
Dimensions: 70(W)x90(H)x51(L) mm

Usage temperature: 0C ... +45C
Storage temperature: -15C ... +55C
Weight: 150g
Warranty: 2 years
Relative Humidity: 10...95 % without condensation



Caution Security advice

The installation and assembly of electrical equipment may only be performed by skilled electrician. The devices must not be used in any relation with equipment that supports, directly or indirectly, human health or life or with application that can result danger of people, animals or real value

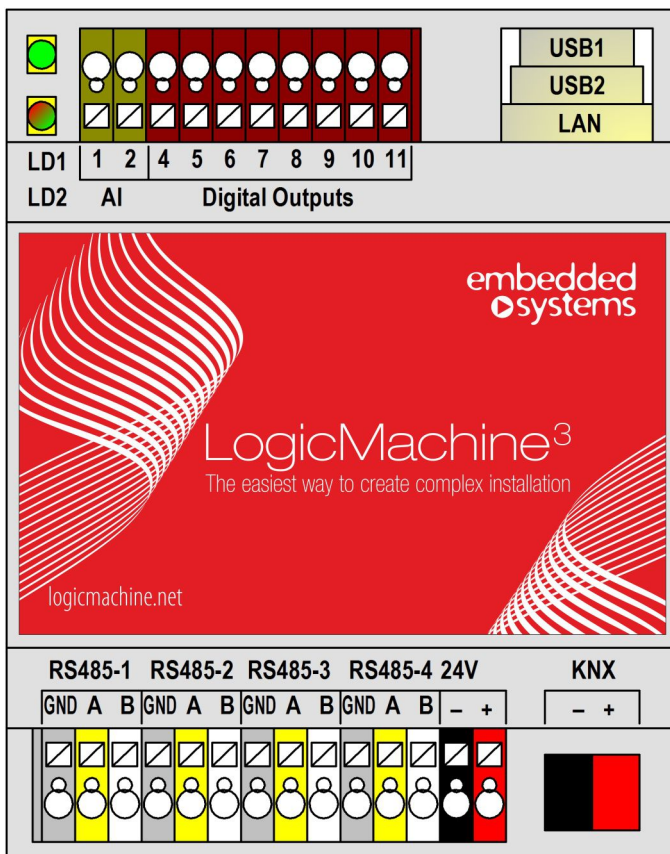
Mounting advice

The devices are supplied in operational status. The cables connections included can be clamped to the housing if required.

Electrical connection

The devices are constructed for the operation of protective low voltage (SELV). Grounding of device is not needed. When switching the power supply on or off, power surges must be avoided.

Terminal connection scheme



Quick startup guide

- 1) Mounting the device on DIN rail
- 2) Connect the KNX bus cable
- 3) Connect 24V power supply to the device (red pole to 24V+, grey pole to GND)
- 4) Connect Ethernet/LAN cable coming from the PC

Default IP configuration

IP address: 192.168.0.10

Login name: admin

Password: admin