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## 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 0.8mm <sup>2</sup>
Power supply:	Clamp, 1.5mm <sup>2</sup>
Serial:	Clam, 1.5mm <sup>2</sup>
IO:	Clam, 1.5mm <sup>2</sup>

Operating elements

LED	1 – CPU load 1 - Activity
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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

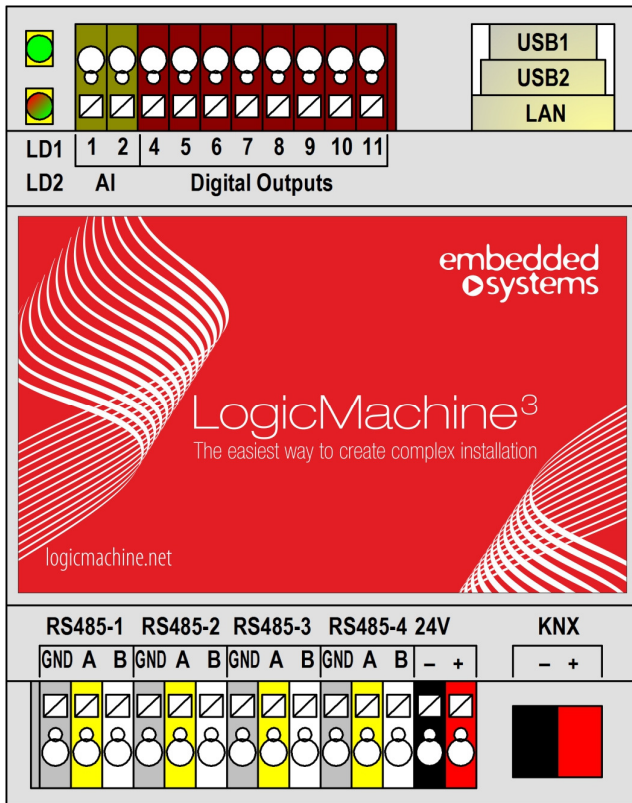
## **Mounting advice**

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