

## LogicMachine Re:actor Lite

**Re:actor Lite** is your easiest way to program complex logic in KNXnet/IP, Modbus TCP, BACnet IP networks. Re:actor Lite will enable you efficiently customize building automation processes, easily delivering unlimited flexibility benefit to end users in a cost-effective way.

**Re:actor Lite** is an embedded platform with integrated Ethernet, Serial interface, 34 I/O ports.



**ENG - Data sheet**  
Issue date 12.06.2015

## Application

Logical functions; I/O device; WEB SCADA visualization for PC and touch-devices; cross-standard IP gateway; integration with third party devices over RS485 serial port – AV, IR, HVAC; Data logger with trends; Thermostat etc.

## Types of product

LogicMachine3 Re:actor Lite      LM3-REACTOR-L

## Standards and norms compliance

CE conformity:	EMBS-CE-111231/01	Electromagnetic compatibility
EMC:	EN61000-6-1 EN61000-6-3	
PCT	Certificate	

## Technical data:

Power supply:	7-36V DC, 24V DC recommended.	Power over Ethernet supported
Power consumption:	1.5W	
Interface:	10BaseT/100BaseTX RS485 1-Wire Binary inputs Digital outputs	1 1 1 18 16; 380 mA continues current on output
Connections:	Power supply: Serial: IO:	, 1.5mm2 , 1.5mm2 , 1.5mm2
Operating elements	LED	1 – CPU load 1 - Activity
Enclosure:	Material: Color: Dimensions:	Polyamide Gray 104(W)x90(H)x32(L) mm
Usage temperature:	-5C ... +45C	
Storage temperature:	-25C ... +55C	
Weight:	150g	
Warranty:	2 years	



## **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.

## Default IP configuration

Login name	admin
Password	admin
IP address	192.168.0.10
Network mask	255.255.255.0

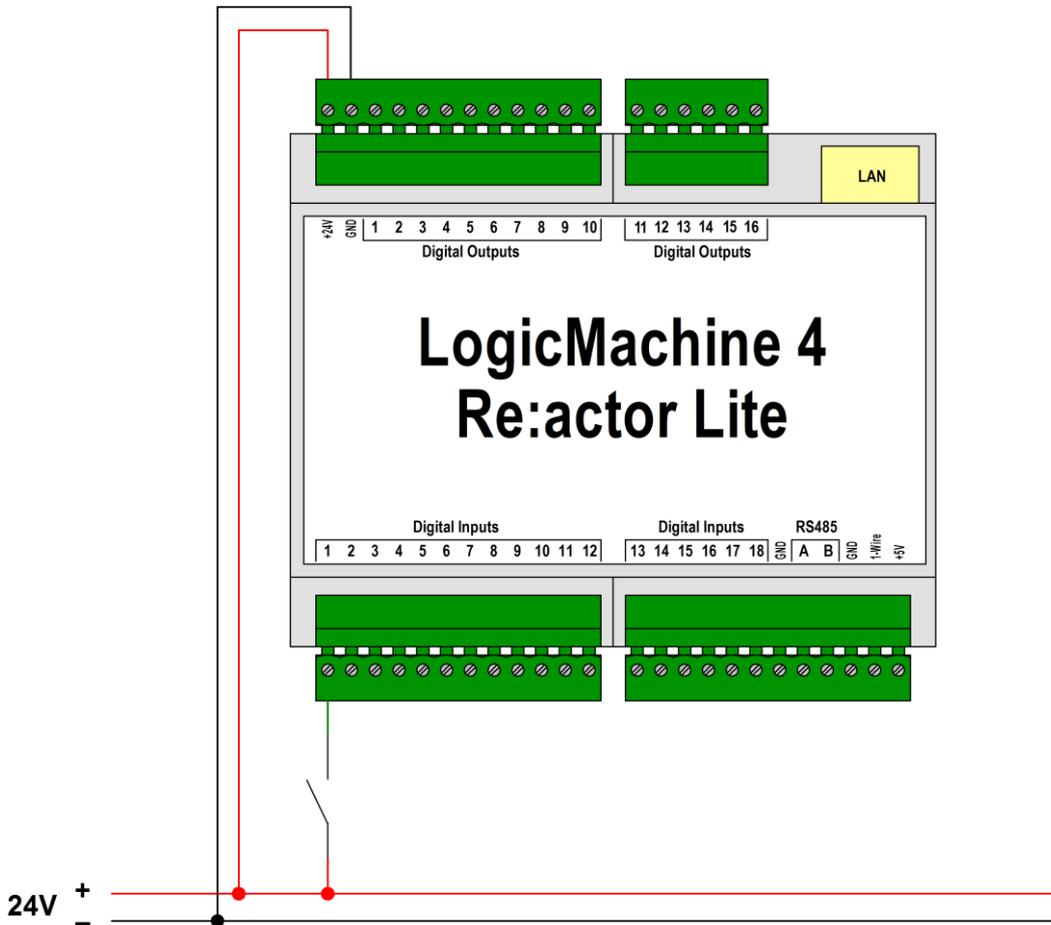
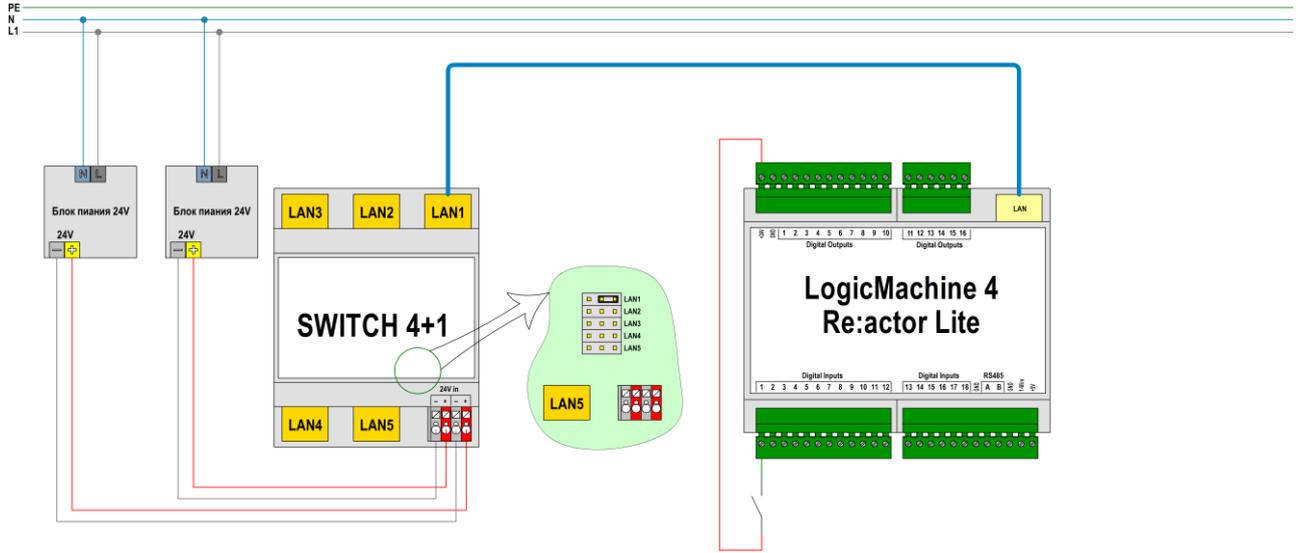
## Reset device

You can either reboot the device by pressing RESET button or reset the configuration to factory defaults:

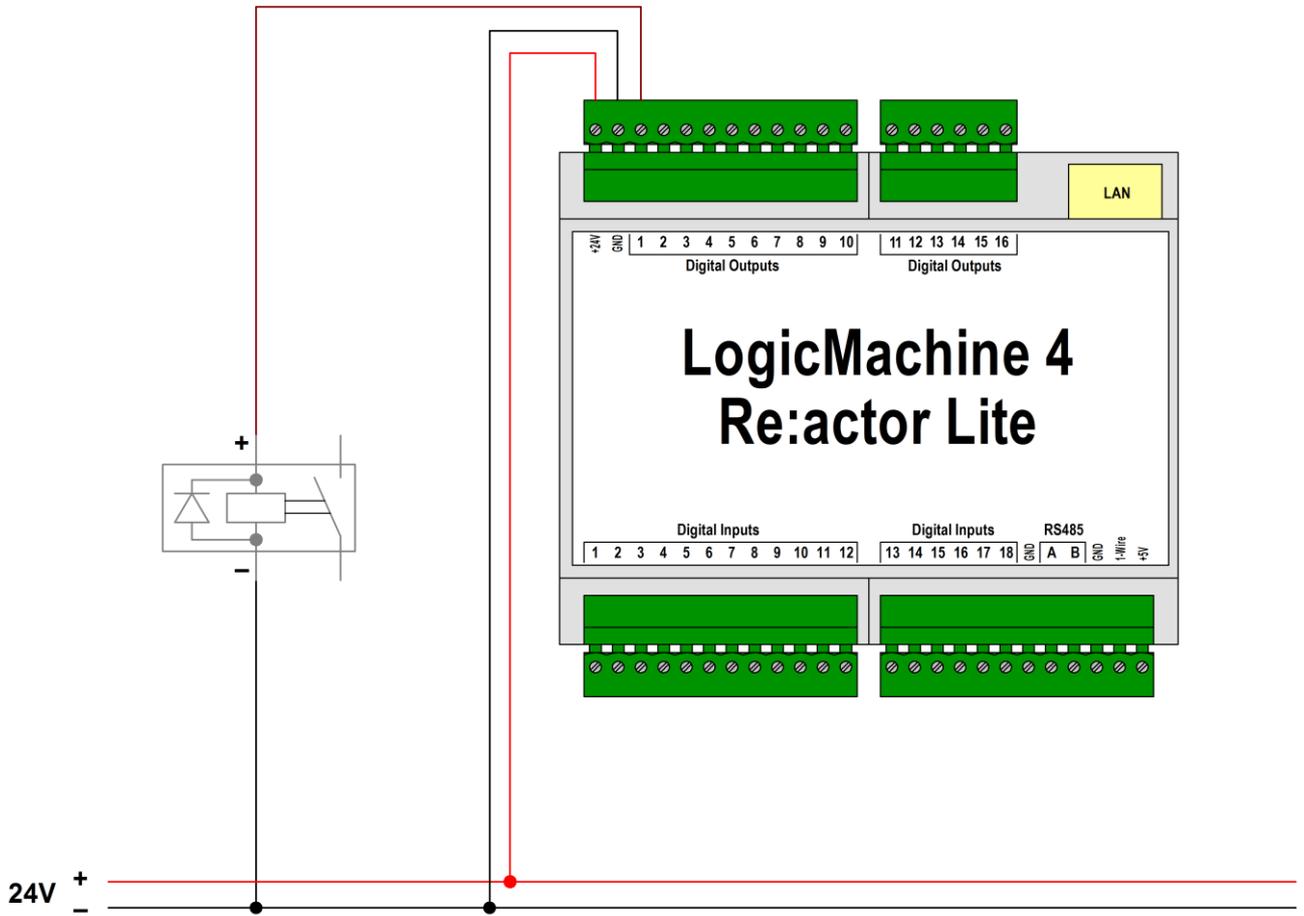
- *Press and hold for <10 sec* – reboot the device
- *Press and hold for >10 sec* – reset networking with IP to factory default
- *Press and hold for >10 sec and again press and hold for >10 sec* – full reset of configuration to factory defaults

# Connection diagrams

## Powering through PoE + Digital input



# Digital output (e.g. external relay)



# 1-Wire

