

L-SMI Standard Motor Interface

LSMI-800, LSMI-804

Datasheet #89046823



SMI is the acronym for Standard Motor Interface. SMI is a bus protocol used to control SMI sunblind motors for shading. Up to 16 motors can be connected to the bus. The L-SMI interface connects an SMI bus to a L-INX, L-ROC, L-GATE or L-DALI controller. Two SMI interface models are available.

The LSMI-800 connects a single SMI channel with up to 16 SMI motors to the EXT port of the L-INX, L-ROC or L-GATE controller. A galvanically isolated bus power for the SMI bus is provided by the LSMI-800 interface. Only SMI high voltage motors may be connected to the LSMI-800 interface.

The LSMI-804 connects up to four SMI channels with up to 64 SMI motors to the USB port of the L-INX, L-ROC, L-GATE or L-DALI controller. A galvanically isolated bus power for the SMI bus is provided by the LSMI-804 interface. Only SMI high voltage motors may be connected to the LSMI-804 interface.

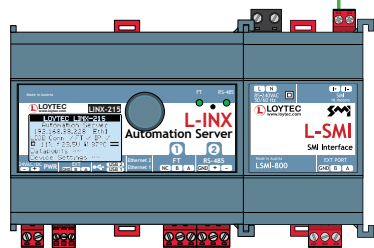
Features

- SMI Interface for L-INX, L-ROC, L-GATE and L-DALI Controller
 - Configuration through web interface
 - Calibration of the sunblind drives via web interface
 - Up to 16 sunblind drives per SMI port
- Supports Standard Motor Interface, SMI bus systems according to Standard Motor Interface e.V. www.standard-motor-interface.com
 - Easy device replacement

Specifications

Type	LSMI-800	LSMI-804
Dimensions (mm)	55 x 100 x 60 (L x W x H), 3 DU, DIM033	107 x 100 x 60 (L x W x H), 6 DU, DIM034
Installation	DIN rail mounting following DIN 43880, top hat rail EN 50022	
Power supply	85-240 V AC, 50/60 Hz, max 2 W	
Operating conditions	0 °C to 50 °C, 10 – 90 % RH, noncondensing, degree of protection: IP40, IP20 (terminals)	
Storage conditions	-20 °C to +70 °C	
Installation	Connected with a 3-wire cable, max. 1 m	Connected with a standard USB 2.0 cable, max. 1 m
Interfaces	1 x EXT 1 x SMI (high voltage)	1 x USB (compatible with USB Type-C®) 4 x SMI (high voltage)
Tools	Configuration via web interface	
For use with	L-INX Automation Servers, L-ROC Room Controllers, L-GATE Gateways and L-DALI Controllers	
Order number	Product description	
LSMI-800	Standard Motor Interface for 16 motors via EXT port	
LSMI-804	Standard Motor Interface for 64 motors, 4 SMI channels via USB	

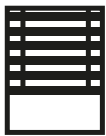
Control up to 16 motors



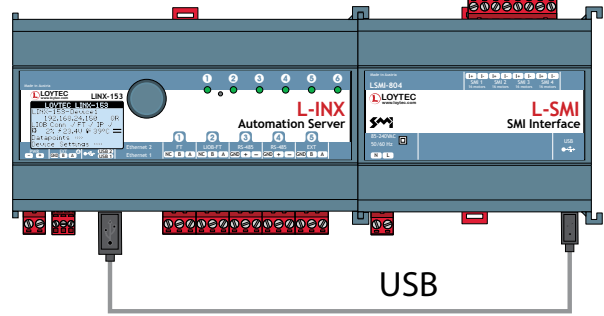
SMI



Sunblind Motors



Control up to 64 motors



(L-DALI, L-GATE)

USB

SMI 1



SMI 2



SMI 3

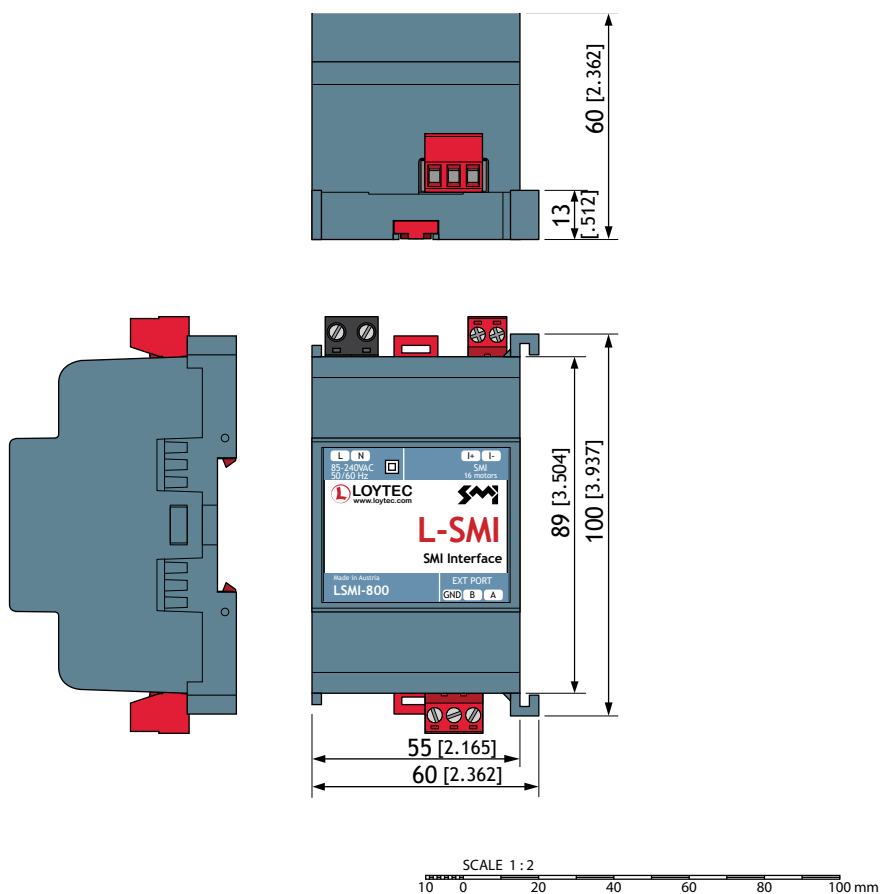


SMI 4

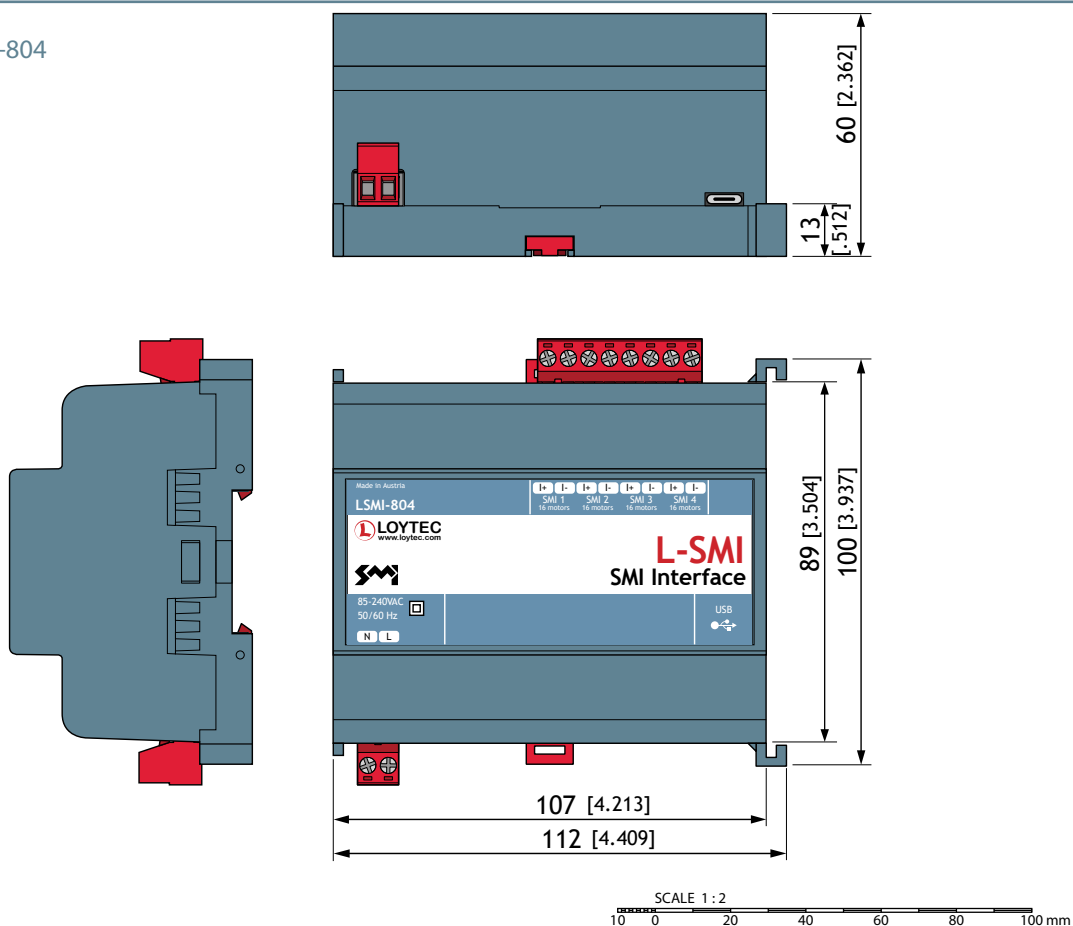


Dimensions of the devices in mm and [inch]

DIM033 LSMI-800



DIM034 LSMI-804



The products of LOYTEC electronics GmbH are subject to constant development. Therefore, LOYTEC reserves the right to modify technical specifications at any time without prior notice. The most recent datasheet can be downloaded from www.loytec.com.