

## Product data sheet

### Light switch module EML-LSM

#### Description:

The LSM module for EmLOC bus is a light switch control unit for EmLOC devices. The module has 8 control inputs, one EmLOC bus connection and one selector switch for the device address. The control inputs require an external 230 V AC signal. Active inputs are displayed on the front panel using yellow LEDs. Electrical power is supplied with supply voltage 230 V / 50 Hz. Configuration takes place via EmLOC bus via the central unit or an EPG (EmLOC programming unit).



- DIN rail housing
- Width = 72 mm, depth = 90 mm, height = 60 mm
- Operating voltage 230 V / 50 Hz
- Internal consumption max. 3 W
- Device address 0-9 or freely programmed
- Display of input signal on front panel
- For EmLOC bus with EmLOC central unit
- Function programming via bus
- Ambient temperature -10°C to +50°C

#### Configuration options of inputs

1. Switch mode with ON / OFF function
2. Button mode with ON / OFF function (principle of current impulse relay).
3. Button with staircase function (3 minute timer) If the button is pressed again before the timer elapses, the timer is re-initialised and restarts after the button is released (retrigger).
4. Mains voltage sensor. Like 1. Only reverse.

#### Configuration options of commands:

1. Steady light ON / OFF for individual address, group address or all addresses
2. Theatre function ON / OFF for individual address, group address or all addresses
3. Emergency light blocking ON / OFF for individual address, group address or all addresses
4. Steady light ON / OFF for individual address, group address or all addresses as mains voltage sensor function

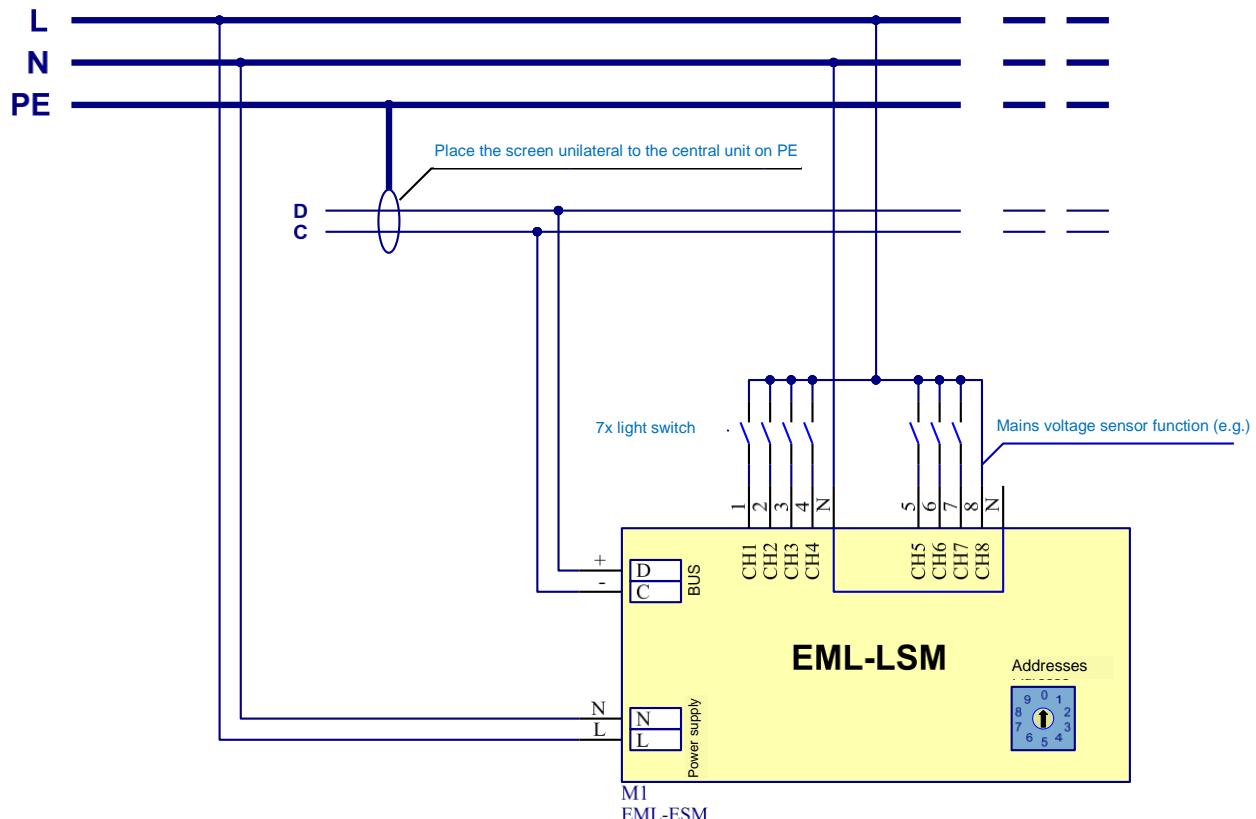
### Factory setting:

- Device address = 0 = no valid address (1-9)
- All inputs configured as switches
- CH1 → group “G01”, steady light on / off
- CH2 → group “G02”, steady light on / off
- CH3 → group “G03”, steady light on / off
- CH4 → group “G04”, steady light on / off
- CH5 → group “G05”, steady light on / off
- CH6 → group “G06”, steady light on / off
- CH7 → group “G07”, steady light on / off
- CH8 → group “G08”, steady light on / off

### Order numbers:

Name	Description	Order number
EML-LSM	EmLOC light switch module	109-3004-2100

### Circuit diagram for EML-LSM:



The neutral conductor connections are internally bridged. One connection is enough.