

EXPANSION MODULE EM-LIGHT



CONNECTION SOCKET FOR LIGHTING



BUTTONS ON THE CONTROL PANEL TO SWITCH THE LIGHTING ON/OFF

① Fume cupboard lighting

## EM-LIGHT

### FOR THE SIMPLE CONNECTION OF LIGHTING TO AN EASYLAB FUME CUPBOARD CONTROLLER

Expansion module with a wired socket for the connection of lighting and for switching the lighting on/off using the control panel

- Lighting can be switched on/off using an EASYLAB control panel
- Socket for the connection of fume cupboard or room lighting (230 V)
- Only in connection with expansion module EM-TRF or EM-TRF-USV
- Socket on the outside of the controller casing
- Plug-in connection for the lighting, e.g. fume cupboard lighting

## Application



### Application

- Expansion module Type EM-LIGHT for the EASYLAB system

- Simple connection of lighting (230 V) to a wired socket on the controller casing
- Control of fume cupboard lighting using the control panel
- For fume cupboard controllers EASYLAB TCU3 with expansion module EM-TRF or EM-TRF-USV
- Use for fume cupboards

### Special characteristics

- Control of fume cupboard lighting using the control panel
- Simple connection of lighting to a wired socket on the controller casing
- Socket is on the outside of the casing; the casing need not be opened
- Plug-in connection cable of the fume cupboard lighting is simply connected to the socket

## Description



### Parts and characteristics

- Socket WAGO WINSTA Midi, 770 series
- Socket with plug-in connection cables, 230 V

### Useful additions

- EasyConnect: Configuration software for the commissioning and diagnosis of EASYLAB components

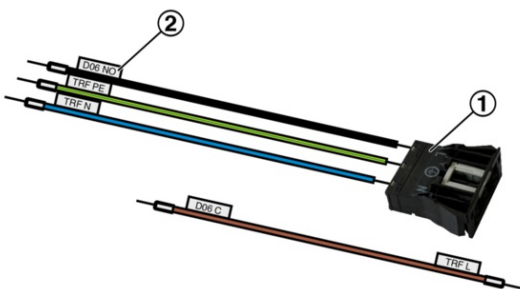
### Construction features

- Socket suitable for the dedicated opening in the controller casing
- Push-in type socket, no tools required
- Cables suitable for connection to TCU3 in combination with EM-TRF or EM-TRF-USV
- Cables with wire end sleeves and text labels for marking the terminals to be used

## INFORMAȚII TEHNICE

The EM-LIGHT expansion module provides a socket (WAGO WINSTA Midi, 770 series) for the connection of lighting using a plug-in cable. For this purpose, the expansion module is connected to the terminals of the EM-TRF or EM-TRF-USV for 230 V AC and to a digital output of the TCU3 controller. The lighting can then be switched on/off using the control panel.

### EM-LIGHT



- ① Mounting socket
- ② Text label with ID of the terminal on the board of the EASYLAB TCU3 and the EM-TRF or EM-TRF-USV

<b>Supply voltage</b>	230 V AC, connection to EM-TRF or EM-TRF-USV
<b>Maximum switching current</b>	12 A; switch-on current 25 A max.
<b>Operating temperature</b>	0 - 50 °C
<b>IEC protection class</b>	I (protective earth)
<b>Protection level</b>	IP 20
<b>EC conformity</b>	EMC to 2004/108/EU, low voltage to 2006/95/EU

Expansion module for the EASYLAB controller TCU3 (connected to 230 V), for the simple connection of lighting to a wired socket (230 V)  
Control of lighting (typically fume cupboard lighting) using the control panel.

#### Special characteristics

- Control of fume cupboard lighting using the control panel
- Simple connection of lighting to a wired socket on the controller casing
- Socket is on the outside of the casing; the casing need not be opened
- Plug-in connection cable of the fume cupboard lighting is simply connected to the socket

#### Technical data

- Supply voltage 230 V AC, connection to EM-TRF or EM-TRF-USV
- Switching current 12 A max.
- Operating temperature 0 ...+50 °C
- Protection level IP 20

Order code detail for control component  
ELAB (TCU3) or TAM

ELAB / ... / ...S / ...

Lighting connecting socket EM-LIGHT, for retrofit

EM - LIGHT