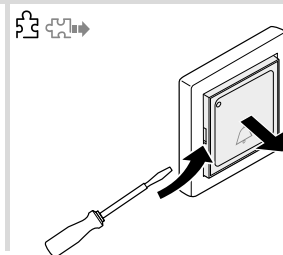
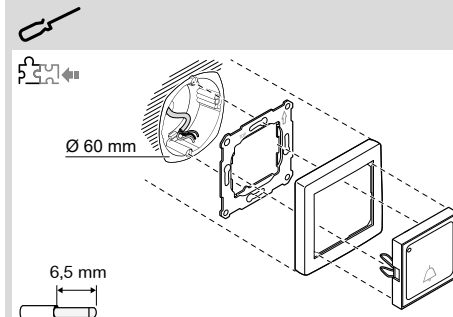


ELG745040, MEG4840-0300

## Sigma care



## Additional Information →

Scan the QR code or follow the link.

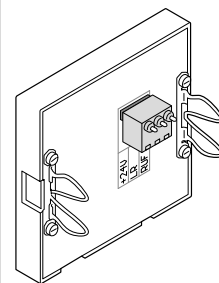
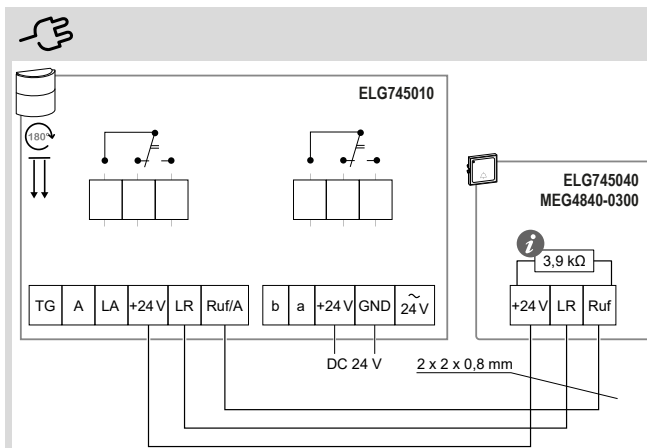
Further information about the Sigma Care call system are available online.



ELG745040

<https://www.go2se.com/ref=ELG745040><https://www.go2se.com/ref=MEG4840-0300>

MEG4840-0300



## en Call button

## Installation instructions

**⚠ ⚠ WARNING****ANGER RISK OF FATAL INJURY FROM IMPROPER INSTALLATION**

Safe electrical installation must be carried out by qualified professionals. Qualified professionals must demonstrate an in-depth knowledge of:

- Connecting to installation networks
- Connecting multiple electrical appliances
- Installation of electric cables
- Connection and installation of call systems in accordance with DIN VDE 0834
- Safety standards, local connection rules and regulations

The commissioning and further work or changes to the call system may only be carried out by a call system specialist in accordance with DIN VDE 0834.

**Failure to observe these instructions can lead to death or serious injuries.****⚠ ⚠ DANGER****ANGER RISK OF FATAL INJURY FROM ELECTRIC SHOCK**

Insulation and protection against contact must be maintained. Devices of the call system and devices of the low-voltage system (e.g. switches, sockets) must not be covered with a shared cover plate.

**Failure to observe these instructions will lead to death or serious injuries.**

## Additional Information →

Scan the QR code or follow the link.

A detailed description of the call button and other useful information about the Sigma care call system are available online in the Online User Guide.

**Required accessories**

To be completed with the design frames:

- ELSO Joy, ELSO Fashion with adaptor frame
- Merten System M, Merten System D frame with adapter frame

**Getting to know the device**

Sigma care devices are installed, for example, in disabled toilets. The call button is used to trigger a call that is indicated visually and acoustically on a room module mounted visibly outside the room.

- With a large red call button including a tactile call symbol and a red LED that serves as a location and calming light.

**Installation location**

Call buttons must be mounted at a height of 0.7 m to 1.5 m in accordance with DIN 0834. DIN 18024-2 "Construction of accessible buildings" also stip-

ulates the installation of operator control elements for wheelchair users at a height of 0.85 m.

**Installation** → 

Installation is carried out on a 60 mm flush-mounted box.

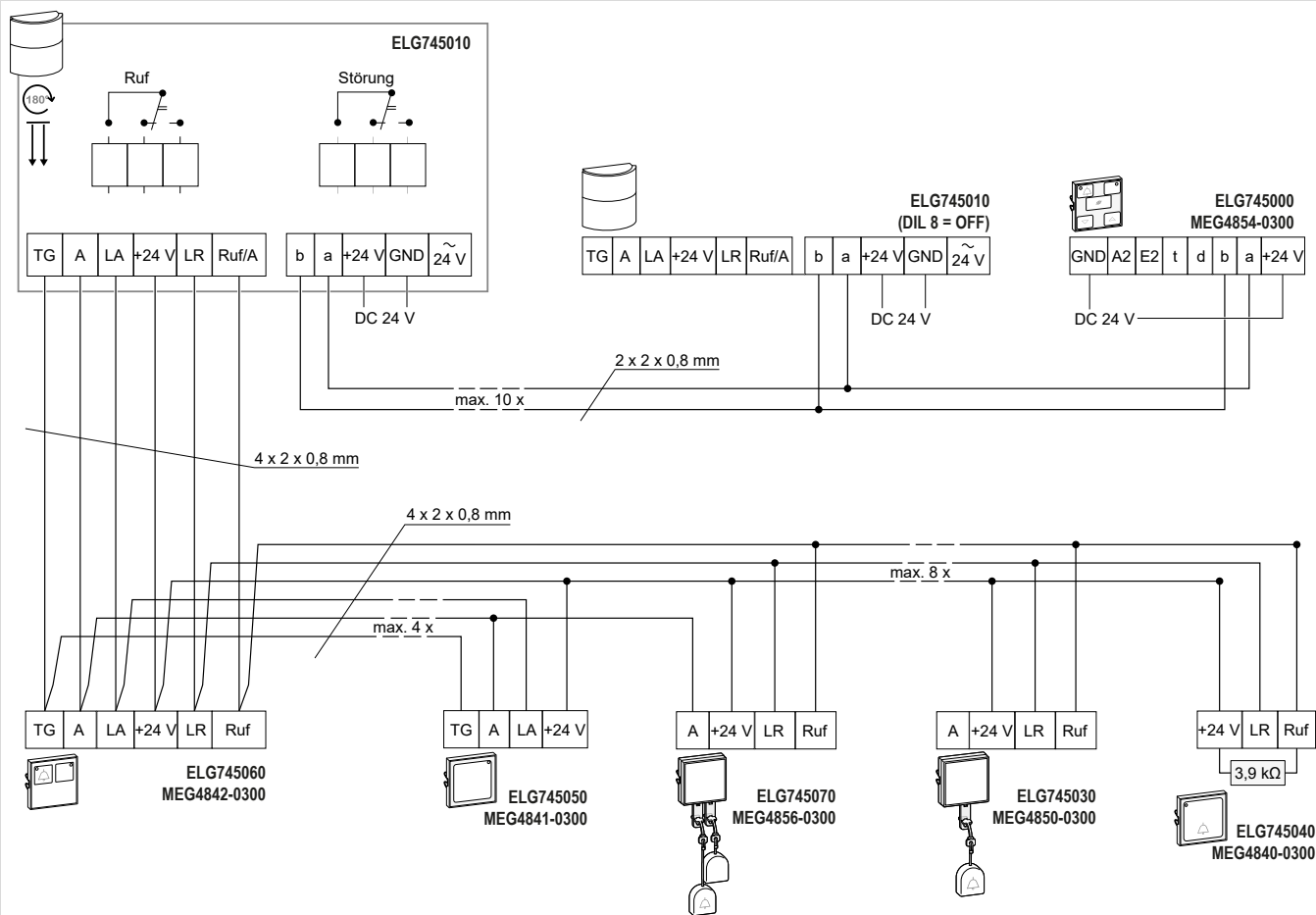
**Connection** → **Note** The line termination resistor (3.9 kΩ) is included in the scope of supply of the *room module with signal lamp*. In case of parallel connection of multiple buttons with call function at a terminal input, this terminator must be installed at the furthest button. The max. cable length of 50 m must be observed.

A maximum of 8 buttons with call function can be connected per room module with signal lamp.

**Note** Interchanging cables (with regard to the connection diagram) results in malfunctions.

+24 V	Operating voltage
LR	Call lamp
Call	Call button

The line termination resistor is installed between "Call" and "+24 V".



**Technical data**

**Supply**

Operating voltage: DC 24 V  $\pm 10\%$ ,  
via the LG745010  
room module

Current consumption: max. 15 mA

**Call line**

Line termination resistor  
(standby current) to +24 V: 3.9 k $\Omega$   $\pm 5\%$

Standby current: 3.5 mA  $\pm 10\%$

Working resistor active to  
+24 V with button operation  
parallel to the terminator: 3.6 k $\Omega$   $\pm 5\%$

Working current: 4.5 mA  $\pm 10\%$

**Calming lamp**

Current consumption: 6 mA

**Connecting terminal**

Terminal: Plug-in terminal,  
3-pole

Conductors per pole: 2

Stripped length: 6.5 mm

**Environmental conditions**

Ambient temperature during  
operation: 0 °C ... 50 °C

Relative humidity: max. 85%,  
non-condensing

**Protection rating:**

**Cable type:** IP20  
J-Y(St)Y,  
2 x 2 x 0.8 mm

**Cable length:** max. 50 m

**Dimensions (W x H x D):** 55 x 55 x 10 mm



**Schneider Electric GmbH c/o ELSO**

An der Wipper 5-7 | D-99706 Sondershausen  
Tel: +49 3632 51 0  
e-mail: [info.elso@schneider-electric.com](mailto:info.elso@schneider-electric.com)  
[www.se.com/de](http://www.se.com/de)

**Schneider Electric GmbH c/o Merten**

Gothaer Strasse 29 | D-40880 Ratingen  
[www.merten.de](http://www.merten.de) | [www.se.com/de](http://www.se.com/de)