

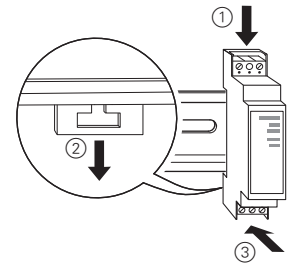
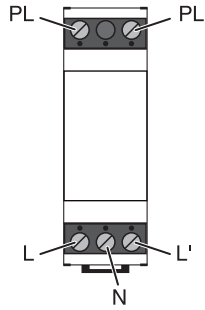
It is installed on a DIN-rail TH35 according to EN 60715.

PlusLink Expander

User guide



Art.-Nr. MEG5130-0000



For your safety

⚠ ⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

Safe electrical installation must be carried out only by skilled professionals. Skilled professionals must prove profound knowledge in the following areas:

- Connecting to installation networks
- Connecting several electrical devices
- Laying electric cables
- Safety standards, local wiring rules and regulations

Failure to follow these instructions will result in death or serious injury.

⚠ ⚠ DANGER

HAZARD OF ELECTRIC SHOCK

The PlusLink carries an electrical current and the outputs may carry an electrical current even when the device is switched off.

- Before working on the device or the loads, always disconnect the device from the supply via the upstream miniature circuit breaker.

Failure to follow these instructions will result in death or serious injury.

Notice

HAZARD OF EQUIPMENT DAMAGE

The voltage difference between different phases can damage the device.

- Connect all connected devices of one or several PlusLink lines to the same phase or use a PlusLink distributor for cross-phase installation..

Failure to follow these instructions can damage the device.

Notice

HAZARD OF EQUIPMENT DAMAGE

- Ensure that the device is disconnected from its circuit during the insulation resistance test.

Failure to follow these instructions can damage the device.

Getting to know the PlusLink Expander

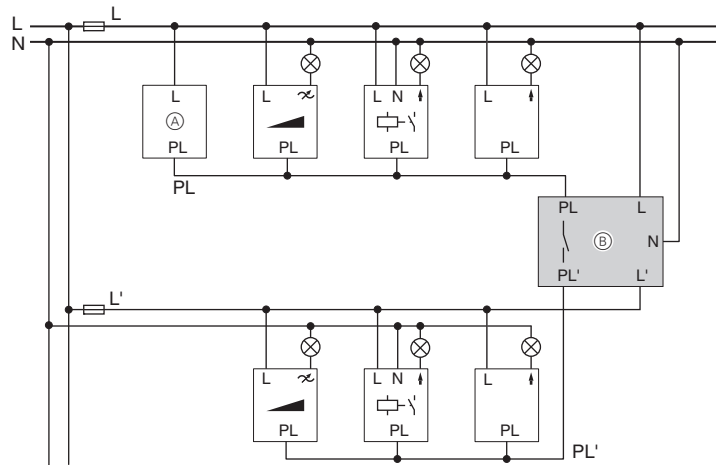
The PlusLink Expander (referred to below as **PL Expander**) **must** be integrated into one or several PL lines if these are protected with at least 2 circuit breakers.

If (e.g. in the event of error or for maintenance work) one circuit breaker is triggered off, then the PL Expander will disconnect the PL line automatically as well. This is necessary because the PL line would otherwise continue to be live via the other circuit breakers.

Connecting the PL Expander

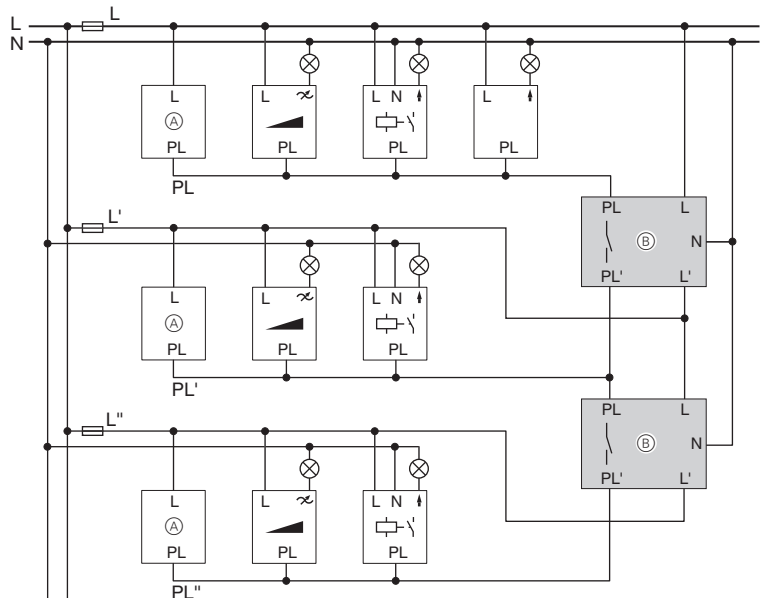
Installation example 1

- 2x circuit breaker, 1x extension unit control (A), 1x PL Expander (B).
- Two rooms, e.g. living room and hall.
- Extension unit control installed in the hall; with global control across both rooms.



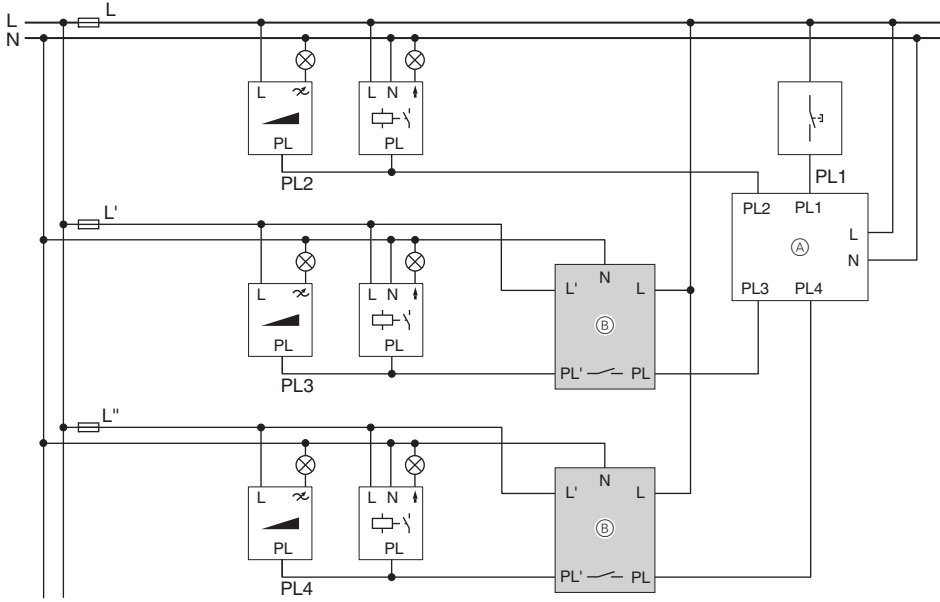
Installation example 2

- 3x circuit breaker, 3x extension unit control (A), 2x PL Expander (B).
- Three rooms, e.g. living room, hall and kitchen.
- Extension unit controls installed in each room; with global control across all rooms.



Installation example 3

- 3x circuit breaker, 1x extension unit control (A), 2x PL Expander (B).
- Three rooms, e.g. living room, hall and kitchen.
- Central control installed in the hall; with global scene control across all rooms.
- Panic button on PL line 1



Technical data

Mains voltage: AC 220/230 V ~
 Connections: 5 screw terminals for max. 4 mm²
 Neutral conductor: required
 Type of protection: IP20
 Device width: 1 module = 18 mm



Dispose of the device separately from household waste at an official collection point. Professional recycling protects people and the environment against potential negative effects.

Merten GmbH

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