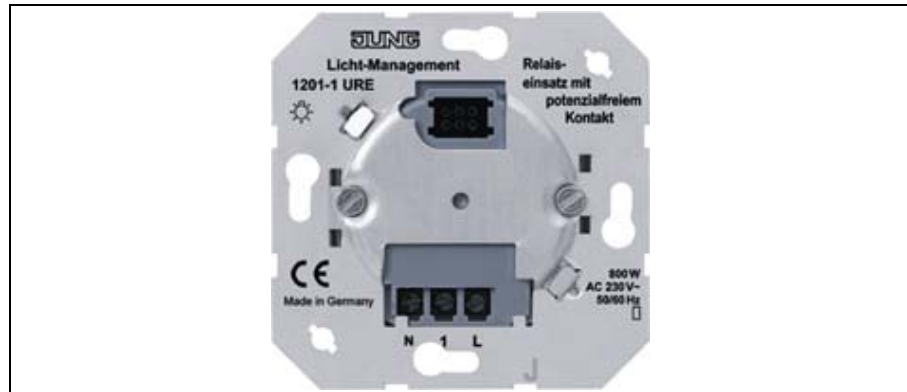


Relay insert with potential-free contact



1. Warning



Caution: The installation and assembly of electrical equipment may only be performed by a skilled electrician.

Not suitable for disconnecting.

To prevent electric shocks, always shut off the mains supply (by cutting out the circuit-breaker) before working on the device or before replacing the lamp.

Non-observance of the installation instructions may cause fire or other hazards.

2. Function

Relay insert with potential-free contact for the switching of extensive lighting installations:

- 230 V incandescent lamps.
- 230 V halogen lamps.

The switching actions are triggered by pressing the button attachment of the relay insert with potential-free contact, the button of extension units or of radio-control transmitters.

The present operating instructions describe the functions that can be obtained when used with the manual multi-function pushbutton.

A detailed description of the functions in conjunction with other attachments or with the remote control can be found in the corresponding operating instructions.

3. Operation

Press on the TOP, BOTTOM and center surface:
Switching on, switching off (toggling).

4. Installation Instructions

Install the relay insert with potential-free contact in a flushmounting box as per DIN 49073 (Fig. A).

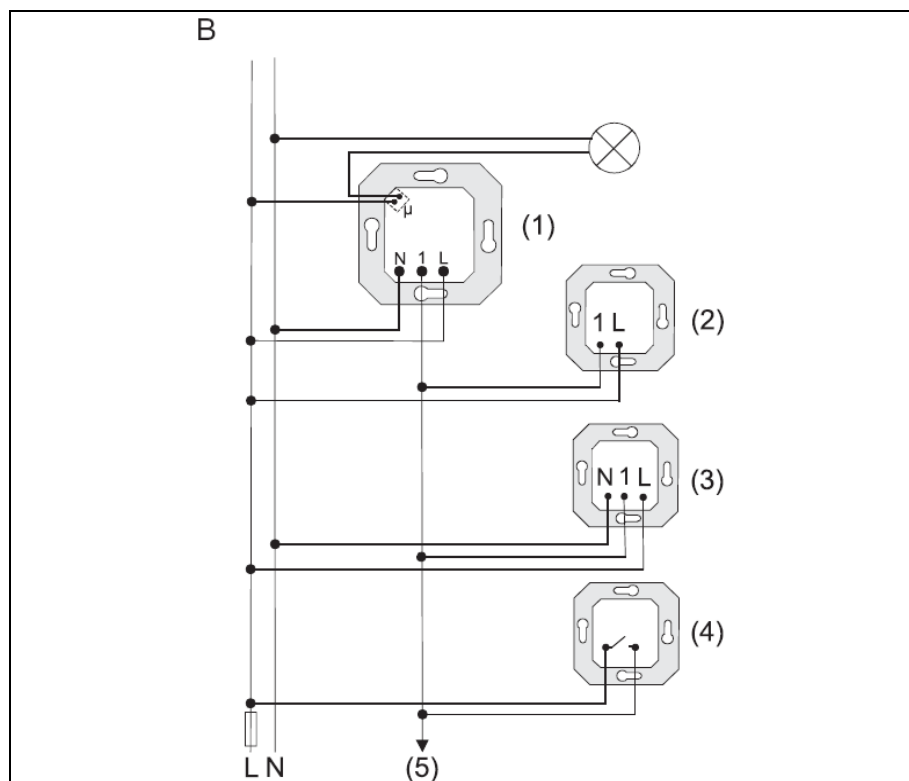
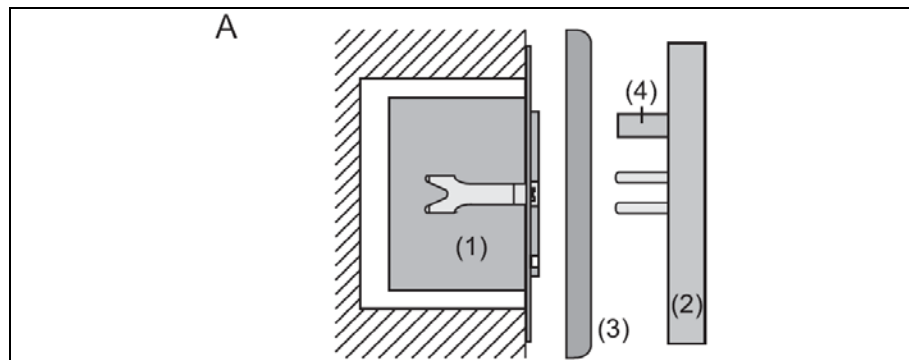
The connecting terminals of the insert (1) must be at the bottom.

The relay insert with potential-free contact can only be used in combination with an attachment. Plug the attachment (2) together with frame (3) on the insert (1).

The electrical contact is established by means of connector (4).

The attachment must be plugged into the insert before switching on the mains voltage.

Mains failures of more than 1 second will cause the relay insert with potential-free contact to switch off.



5. Short-Circuit Protection

For device protection, connect in series a 10 A automatic cut-out.

Connect the relay insert with potential-free contact as shown in Fig. B.

Observe the maximum connected load and the specified load as per Specifications.

Depending upon the type of installation, reduce the maximum connected load by:

- 10 % per 5 °C exceeding of the ambient temperature of 25°C.
- 15% for installation in wooden, gypsum plaster or hollow walls.
- 20% for installation in multiple combinations.

Switching from different places, see fig. B.

relay insert with potential-free contact (1), '2-wire' extension insert (2), '3-wire' extension insert (3), mechanical pushbutton (4), to further extensions (5), load ,

Observe the technical connection regulations of the power supply companies.

6. Using Extensions

Control from an extension unit is possible only if the attachment on the main unit is in place.

'2-wire' extension insert: same functions as in case of multi-function pushbutton on relay insert with potential-free contact

Mechanical key (normally open): ON / OFF (toggling)

Illuminated mechanical pushbuttons must have a separate N terminal.

7. Specifications

Rated voltage:	230 V AC ~, 50 / 60 Hz
Operating temperature:	5 °C ... +35 °C
Connected load:	
230 V incandescent lamps:	800 W
230 V halogen lamps:	750 W
Mixed loads of the types of loads specified	
Minimum load:	12 V, 100 mA
µ switching contact:	relay contact, potential-free, suitable for switching of a second phase conductor, not SELV
Number of Extensions:	
'2-wire' extension insert, mechanical push-button:	unlimited
'3-wire' extension insert:	10
Different types of extension units can be combined	
Total length of extension connecting cable:	max. 100 m
Circuit-breaker:	provide in acc. with local requirements, do not exceed 10 A max

Specifications subject to change in the course of technical progress.
Technische wijzigingen in het kader van verdere verbetering
voorbehouden.

8. Guarantee

Our products are under guarantee within the scope of the statutory provisions.

Please return the unit postage paid to our central service department giving a brief description of the fault:

ALBRECHT JUNG GMBH & CO. KG

Service-Center

Kupferstr. 17-19

D-44532 Lünen

Service-Line: +(49) 23 55 . 80 65 51

Telefax: +(49) 23 55 . 80 61 65

E-Mail: mail.vka@jung.de

General equipment

Service-Line: +(49) 23 55 . 80 65 55

Telefax: +(49) 23 55 . 80 62 55


E-Mail: mail.vkm@jung.de

KNX equipment

Service-Line: +(49) 23 55 . 80 65 56

Telefax: +(49) 23 55 . 80 62 55

E-Mail: mail.vkm@jung.de

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