

TRONIC Power Attachment DIN rail mounted device

Order no.: 0353 00

Function

This TRONIC power attachment serves for extending the power of the following phase-angle dimmers:

Flush-mounted TRONIC dimmers, flush-mounted Universal dimmers, TRONIC built-in dimmers and TRONIC dimmer around 500 W.

By parallel connection of several power attachments, comprehensive lighting systems consisting of TRONIC transformers, general-purpose incandescent lamps and halogen high-voltage lamps can be controlled by one dimmer.

Lamp-saving soft start guarantees optimum lamp life.

The TRONIC power attachment is a part of the TRONIC light control system.

Short-Circuit Protection

Disconnection with automatic re-starting after elimination of the short-circuit within 7 seconds. After this, permanent disconnection until the TRONIC dimmer is re-started manually.

Installation Instructions

These units are designed as series built-in equipment to be snapped onto the mounting rail.

Use the **same phase** for TRONIC dimmers and power attachments. Do not change by mistake L and N on the power attachment. This may cause malfunctioning.

Fig. ① shows the connection of one power attachment only. Fig. ② represents the parallel connection of several power attachments.

Information on a possible connection of extensions to the dimmer can be obtained from the Operating Instructions of the dimmer. When using power attachments, load the dimmer directly with TRONIC transformers or lamps in accordance with the dimmer specifications (refer to Figs. ① and ②).

Overtemperature Protection

Disconnection in case of excessively high ambient temperature. Automatic re-starting after cooling down.



Warning

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

Not suitable for disconnecting. The load is not galvanically separated from the mains when the dimmer is off.

The maximum installed load is 500 W for 230 V incandescent lamps, halogen high-voltage lamps or a maximum of 14 35-W TRONIC transformers, or a maximum of 8 60-W TRONIC transformers, or a maximum of 7 70-W TRONIC transformers, or a maximum of 4 105-W TRONIC transformers, or a maximum of 3 150-W TRONIC transformers, or a maximum of 2 200-W TRONIC transformers.

To ensure optimum spike protection of the dimmer/transformer combination, observe the above maximum number of transformers to be connected in parallel.

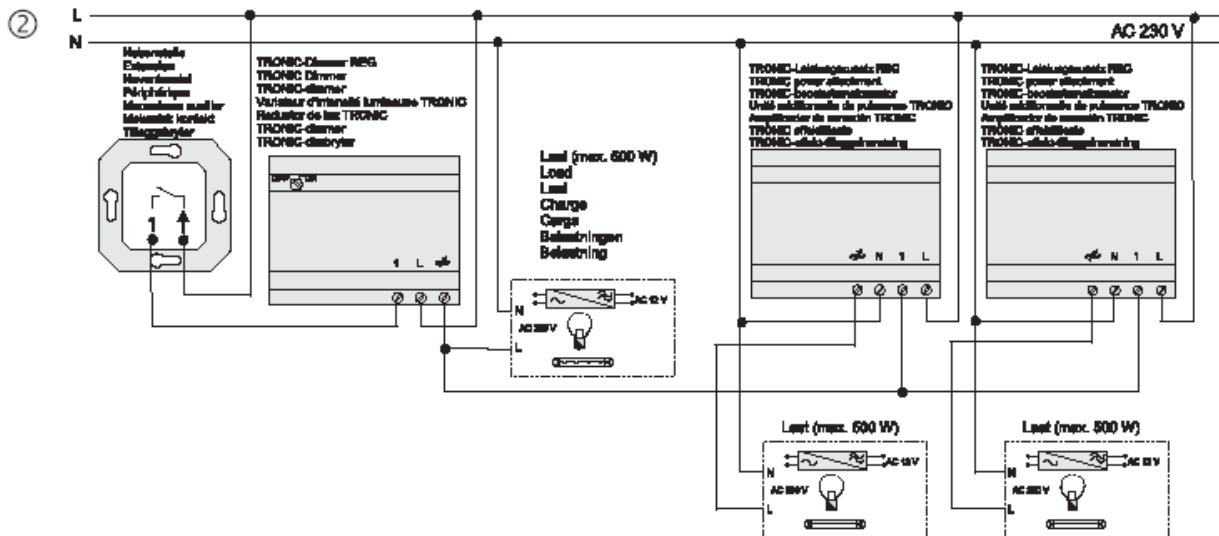
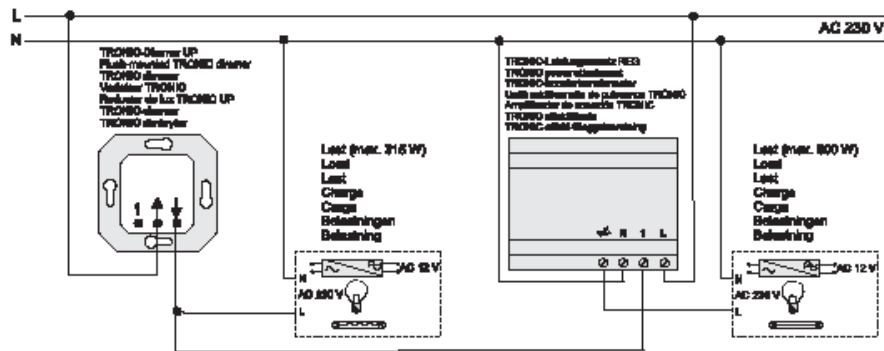
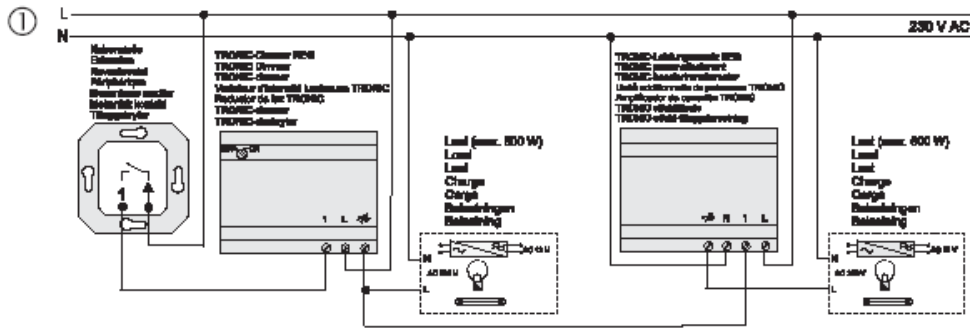
The total power of the lamp load installed must, however, not exceed 500 W.

A maximum of 10 TRONIC power attachment can be connected to the TRONIC dimmer.

Observe the Technical Connection Specifications (TAB) of the electricity works when performing the installation.

The automatic circuit breakers of these circuits must be mechanically coupled in order to guarantee the disconnection of all poles of the lighting system.

For lighting systems with a power in excess of 3500 W, the installation must be distributed over two circuits.



Specifications

Rated voltage:	230 V AC, 50 Hz
Installed load:	100 - 500 W TRONIC transformers 230 V incandescent lamps Halogen high-voltage lamps Mixed loads of the types specified
Ambient temperature (Ta):	45 °C
Enclosure temperature (Tc):	75 °C
Dimensions:	4 PU
Protective system:	IP 20
Connection terminals:	⚡, N, 1, L



The symbols used to identify dimmer loads designate the type or the electrical behaviour of loads connected to dimmers: R = ohmic, C = capacitive

Acceptance of guarantee

We accept the guarantee in accordance with the corresponding legal provisions.

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

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Giersiepen GmbH & Co. KG
Service Center
Dahlienstrasse 12
D-42477 Radevormwald

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