

Dimmactor Module

Order No.: 0634 00

TRONIC Dimmactor Module

Order No.: 0877 00

System Information

This device is a product of the *instabus* EIB-system and complies with EIBA directives. Detailed technical knowledge obtained in *instabus* training courses is a prerequisite to proper understanding. The functionality of this device depends upon the software. Detailed information on loadable software and attainable functionality may be taken from the manufacturer's product database. Planning, installation and commissioning of the unit is done by means of EIBA certified software.

Function

The phase cut-on or phase cut-off dimmactor module is driven by a bus coupler module and is capable of driving the loads given in the Specifications section.

A single push-button sensor or a dummy cover can be optionally plugged onto the dimmactor module. This push-button sensor drives the dimmactor module and produces corresponding telegrams on the *instabus* EIB via the bus coupler module.

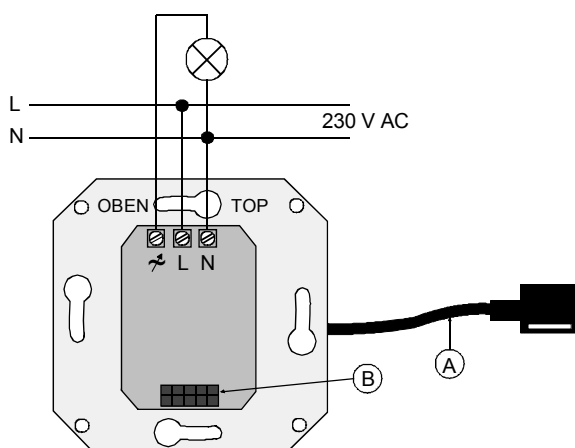
Even in case of bus voltage failure or missing connection with the bus coupler module, the dimmactor module with its attached push-button sensor can be operated (independent operation).

Shut-off in case of short-circuit. Automatic re-starting within 1 min. after elimination of the short-circuit. Shut-off in case of thermal overloading. Automatic re-starting is initiated after cooling down. Extension of the connected load by up to 10 suitable power attachments is possible. Connect the basic load to the dimmactor module. Observe the dimming principle and the technical connection specifications of the electricity works.

Centralised multi-service control pulses of the electricity works may be noticeable by short-time flickering at low dimming positions.

Installation

The use of 60 mm deep flush-mounted boxes is recommended.



Installation sequence:

1. Insert control line (A) of the dimmactor module (refer to the illustration) into the flush-mounted box and pull through to the flush-mounted box of the bus coupler module in the multiple combination.
2. Connect the dimmactor module as shown in the illustration.
3. Insert the dimmactor module into the flush-mounted box at the mounting position shown in the illustration and screw up.
4. For connecting the associated bus coupler module, refer to separate instructions.
5. Plug a dummy cover or a single push-button sensor onto the dimmactor module. Contacting is made through push-button sensor interface (B) (refer to the illustration).

Note: Push-button sensor interface (B) is a modified "AST" user interface and cannot be used for other application modules.

Warning

Caution: The installation and assembly of electrical equipment may only be performed by a skilled electrician. Do not connect any loads/tapes of load other than specified. The 230 V lines for connecting the actor modules must not be led through the flush-mounted box of a bus coupler module (Berker: BC-module). Not suitable for disconnecting.

If Instabus flush-mounted devices and earthing-contact sockets are to be used in a multiple combination, GIRA earthing-contact sockets with screwless terminals should be used, for these guarantee protection against accidental contact even after the cover has been removed.

Specifications

Rated voltage : 230 V AC

Power consumption : Approx. 1.5 W

Push-button sensor interface (B) : Suitable for operation of a single push-button sensor. It is a modified "AST" user interface.

Connection

Push-button sensor interface : 2 x 5-pole female connector
BC-module : 4 kV-insulated, approx. 30 cm long control line (A) with 4-pole socket
Mains supply : Screw terminals, for a maximum of 2 x 1.5 mm² or 1 x 2.5 mm² each

Storage temperature : -25 °C to +70 °C

Protective system : IP 20

Built-in size : Suitable for a 60 mm dia. flush-mounted box (a 60 mm deep box is recommended)

Switching Capacities	Tronic Dimmactor Module (Phase cut-off)	Dimmactor Module (Phase cut-on)
Resistive load	20 - 400 W	20 - 400 W
Incandescent lamps	20 - 400 W	20 - 400 W
Halogen HV lamps	20 - 400 W	20 - 400 W
Halogen LV lamps with Tronic transformer	20 - 400 W	---
conventional transformer	---	20 - 400 VA

Mixed operation of the specified loads is possible up to the maximum permissible total capacity.

Power reduction depending upon the type of installation:

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

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:

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



The CE sign is a free trade sign addressed exclusively to the authorities and does not include any warranty of any properties.

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