Radio-control universal dimmer (built-in type)

Installation Instructions

GIRA

Brightness sensor

Order no.: 1078 00

Intended use

The brightness sensor is intended for illumination control of multilevel lightning equipment in offices, workshops, etc.

Operating of the brightness sensor only in closed housing.
Operating of the light sensor only in closed housing.

Function

The brightness sensor controls EIB actuators as function of ambient brightness. The ambient brightness is signaled to the brightness sensor via a seperately mounted light sensor. The maximum permitted line lenght is 100 m.

The unit features three switching channels which can be programmed mutually independently with the ETS2.

The following can be set for each channnel:

- Switching threshold
- Switching behaviour in the case of “darker than threshold”
- Switching behaviour in the case of “brighter than threshold”

The ETS2 can be used to program the following jointly for the three channels:

- Delay time
- Hysteresis

Installation Instructions

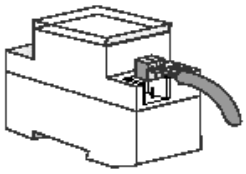
Electrical devices should only be connected and installed by a skilled electrician. Take heed of the national regulations and the relevantly valid safety stipulations. Intervention and changes to the device shall cause the warranty rights to lapse.

The bus-line and the units must be installed and connected in accordance with the relevant guidelines, observing the EIB user manual Building Systems Engineering of the national EIBA.

Mounting/ initial startup

Observe polarity of bus - connection!

Insert bus-connection terminal!



Connection of the Sensor

Connection is made by an individually conducted two-core power-line.

Ensure when selecting the installation location:

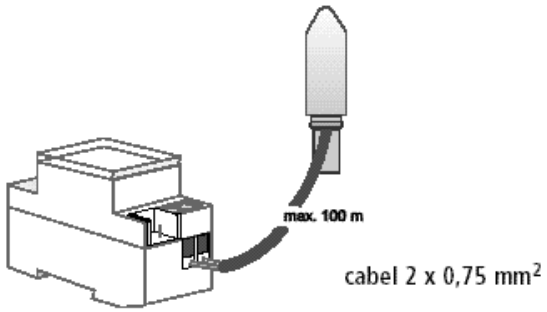
- No objects would cause shadows on the light sensor

If its intended to control an outdoor lightning:

- the light sensor should be pointed in an eastern direction

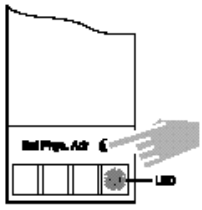
If its intended to control a room lightning system:

- the light sensor should be pointed in an northern direction



Setting physical adress

The physical adress and the group addresses are assigned and the parameters are set with the ETS2.



Technical Data

Brightness sensor
with integrated Bus-Interface Modul

Width:	2 modules
Brightnes range in accordance to the different application software:	1 ... 20 000 Lux
Range 1:	1 ... 100 Lux (ca. 1K ... 50 K)
Range 2:	100 ... 20 000 Lux (50 K ... 2,4 M)
Consumtion:	< 50 mW
Operating temperature:	-5°C ... + 45°C (–5T45)
Enclosure after mounting:	IP 21

Sensor

Operating temperature: - 40°C ... + 70°C (–40T70)

Enclosure after mounting:	IP 54
Max. line length:	ca. 100 m

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

CE 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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