

Light-dependent Controllers

We offer three different controllers which serve the following purposes:

- Dimming of illuminated advertising or lighting systems depending on the ambient light conditions
- Generating a 0–10 V signal to dim devices equipped with a 0–10 V control input

1. Light-dependent controller (TM)



Dimensions: 90 x 90 x 45 mm

← Controller



← Light sensor

Article no. (controller plus sensor): 5 1201 120

Properties:

- One sensor can be used to control multiple controllers (master/slave principle)
- The light sensor must be installed outside the illuminated advertising sign
- Setup and operation via two rotary switches inside the controller
- An additional potentiometer allows the control voltage at two outputs to be reduced to achieve a similar visual brightness for different light colours.

2. Light-dependent controller with remote control



← Controller (with integrated light sensor)

Can be installed inside the channel letter or light box



→ Infrared remote control

To setup and operate the controller

Article no. (controller): 6 0300 000
Article no. (remote control): 6 0310 000

Properties:

- Setup of the controller via remote control while standing in front of the illuminated advertising sign
- The controller can be installed directly inside the sign (the light sensor does not respond to LED light)
- The controller can be used as a permanent dimmer by deactivating the light sensor
- Integrated temperature cutoff at ambient temperatures above 80°C



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3. Light-dependent controller for DIN rail mounting in control cabinets



Dimensions: 90 x 72 x 60 mm

Controller



Article no. (controller plus sensor): 5 1201 130

Properties:

- Possibility to define a “Switch-on brightness” and “night-time dimming” function
- The controller can also be used as a permanent dimmer
- Up to 50 converters can be controlled
- Up to 100 m cable length possible between sensor and controller
- Four individually adjustable output channels for 0–10 V control voltage

Light sensor



Controller inside the cabinet

