

Energy-efficient LIGHTING

Dasy — straightforward wall and mast mounting
—— intuitive operation
—— versatile use
—— also available with integrated time switch

EDS 16 — energy-saving lighting control
—— adjustable switch-on threshold
—— easy mounting and adjustment



Dasy – bringing light to the dark

Wherever you and your customers require improved safety in twilight conditions, the twilight switch from Doepke's Dasy range is the right choice for you: it switches the light on automatically when the daylight is no longer sufficient, and also switches it back off as soon as it becomes light again. This keeps house façades, drives and external areas safe and well-lit. But that's not all – Dasy also provides atmospheric night-time illumination for display windows, decorative spaces, fountains and statues.

Our Dasy twilight switch is equipped with sensor technology that ensures a switch-on delay of ten seconds when light hits it for a brief period of time (e.g. car headlights). The light is switched off after a delay of 40 seconds.

Easy assembly — Whether in a new installation or retrofitting project: the Dasy twilight switch can be mounted on a wall or a mast in only a few steps and with no hassle. (Optional mounting kit, accessories item no. 09 500 049)

Simple adjustment — Right from the very first stages of developing the Dasy twilight switch, user-friendliness was one of our top concerns. Once the switch has been set up, no specialist knowledge is required to operate it or adjust the settings. For example, the switch-on threshold can be easily adjusted via an easy-to-reach rotary switch on the underside of the device. The switch-off threshold is set to 1.5 times this value; this has proven successful in practice.

Suitable for any façade — The Dasy twilight switch is available in classic white or anthracite.



Saves even more energy: Dasy TC with time switch

If a light needs to be completely switched off for several hours overnight, the Dasy TC (TC = Time Control) is the best solution. The integrated timer makes it possible to define a fixed deactivation period and switches off the light according to your chosen settings, reducing your energy costs. In the morning, the light is switched back on depending on the brightness. You can also change the daylight saving time settings as needed.



↑
test button/
brightness
threshold not met

↑
brightness
threshold

Benefits and features for your customers

- time settings via a rotary/push-button
- switching times accurate to the minute
- 12/24 hour time format can be selected
- optional daylight saving time adjustment
- time function can be deactivated
- LED display allows you to configure settings in the dark
- high switching power thanks to zero-point switching
- test button for easy testing of the lighting functions



EDS 16 with light sensor

Function ————— Doepke twilight switches are available in designs for outdoor mounting and also for distribution board installation with light sensors mounted outdoors. The twilight switches of the EDS 16 series are devices for installation with an external light sensor. The switch-on/switch-off thresholds can be set with ease from the distribution board. The operating and control voltage of the devices is 230 V AC. The EDS 16 compares the current illuminance with the set switch-on threshold. If the threshold is reached, the internal load relay of the twilight switch automatically switches on after a brief delay time. When the light level increases at dawn, the relay is deactivated again after a preset delay time. One light sensor can be used for multiple evaluation devices on which individual switch-on values can be set.

Properties ————— energy saving thanks to automatic lighting control
————— switch-on/switch-off delay mutes brief fluctuations in brightness
————— low internal consumption
————— easy mounting and adjustment
————— adjustable switch-on threshold of 2 to 1000 lux

Assembly ————— twilight switch: quick fastening to mounting rail, any installation position
————— light sensor LF 1 (item no. 09 500 029): wall mounting, preferably facing north or east



PREMIUM | **MARKEN**
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