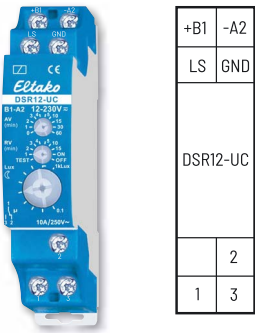
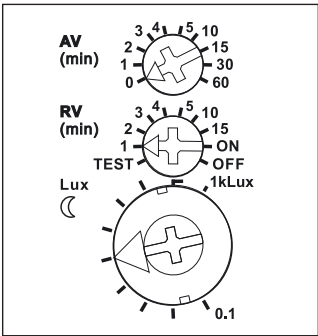


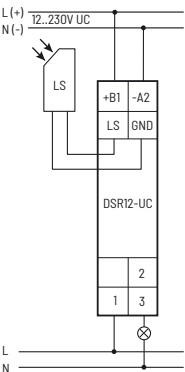
TWILIGHT SWITCH 10 A CHANGEOVER CONTACT WITH LIGHT SENSOR DSR12-UC+LS



Function rotary switches



Typical connection



Light sensor LS



Manuals and documents in further languages:
https://eltako.com/redirect/DSR12-UC*LS

Technical data page 13-23.
Housing for operating instructions
GBA14 page 1-49 chapter 1.

DSR12-UC+LS

Twilight switch with light sensor

The **DSR12-UC** is a **twilight switch** for DIN rail mounting. In combination with an external light sensor (LS), the device continuously detects the ambient brightness.
If the set brightness threshold is undershot, the configured switch-on delay (**response delay, AV**) starts. After this delay time expires, the **changeover contact** switches on.
If the brightness threshold is exceeded again, the switch-off delay (**release delay, RV**) starts. After this delay time expires, the relay switches off again.
Both the **switch-on delay (AV)** and **switch-off delay (RV)** can be set independently. This ensures that short-term fluctuations in brightness are reliably suppressed and stable switching behaviour is achieved.

Function:

- Switching when a configurable brightness threshold is undershot
- Individually adjustable **response delay (AV)** and **release delay (RV)**
- Integrated test mode as well as operating modes "permanently ON" and "permanently OFF"
- LED indicator to visualise the active delay time and current switching state

Installation:

- Mounting with the supplied installation material
- Optional mounting on aluminum mounting bracket or on mounting bracket KM1 of the WSH wind sensor

Connection:

- Connection via two wires
- Recommended cable: shielded communication cable J-Y(St)Y 2x2x0.8 mm or equivalent

Technical data DSR12-UC:

- Supply voltage: 12..230 V UC
- Contact: 1 changeover contact, potential-free
- Rated switching capacity: 250 V/10 A
- LED lamps up to 200 W
- Incandescent lamps up to 2000 W
- Standby power consumption: 0.02-0.5 W
- Brightness adjustment range: 100-1.000 lx (10 steps)
- Time setting range AV: 0-60 minutes
- Time setting range RV: 1-15 minutes
- Mounting: DIN rail EN 60715 (TH35)
- Width: 1 module (18 mm)
- Ambient temperature (DSR): -20°C to +50°C

Technical data (Light sensor LS):

- Robust plastic housing, dimensions (L×W×H): 38×28×95 mm
- Protection class IP54
- Ambient temperature (LS): -20°C bis +60°C
- Maximum cable length 100 m
- Maximum cable diameter 5 mm
- Number of connection wires to the light sensor: 2

Scope of supply:

- 1x Twilight switch DSR12-UC
- 1x Light sensor LS
- 1x Aluminum mounting bracket

DSR12-UC+LS	Twilight switch 10 A changeover contact with light sensor	Art. No. 22400502	112,91 €/pc.
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