



ST2 night switch



ADVANTAGES

Very quick return on investment on all fixed and temporary illumination applications or certain types of non-critical lighting.

TECHNICAL CHARACTERISTICS

Casing

- Self-extinguishing polyamide casing.
- IP2X in accordance with EN 60529.
- -25°C to $+60^{\circ}\text{C}$.
- To be placed on DIN 35 rail.

2 LED indicators

- Green on: energised, contacts closed.
- Red on: temporary night shut-down.
- Red LED flashes when switched on: switch function activated.

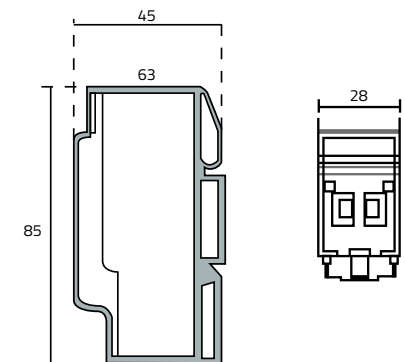


The ST2 night switch generates substantial energy savings thanks to the smart and standalone management of illuminations (fixed or temporary) and non-critical lighting.

Very simple to install and use, compact, easily integrated into the junction box.

2 LED indicators

- Double-pole galvanic switch.
- Rated voltage: $230\text{ V}_{\text{AC}} - 50/60\text{ Hz}$.
- Rated current: 6 A.
- Rated output ($\cos\phi = 1$): 1,380 W.
- Rated output ($\cos\phi = 0.4$ to 0.8): 650 W to 1,380 W.
- Rated voltage: $200\text{ V}_{\text{AC}} - 255\text{ V}_{\text{AC}}$.
- Power consumption $< 1.2\text{ W}$.
- Input connection: pre-wired (2 wires, 1.5 mm^2).
- Output connection: 2 terminals 4 mm^2 .
- Lifespan: 100,000 operating cycles.



OPERATION

Standalone module requiring no external command.
Three possible working modes:

Standard mode: stops and restarts the power at fixed, pre-programmed times.

The off and on winter times are chosen by the user.

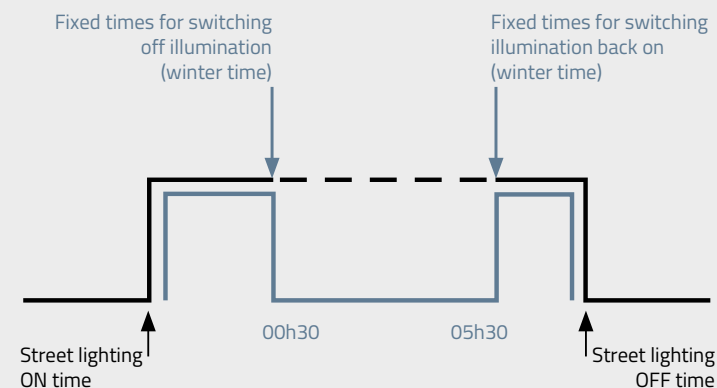
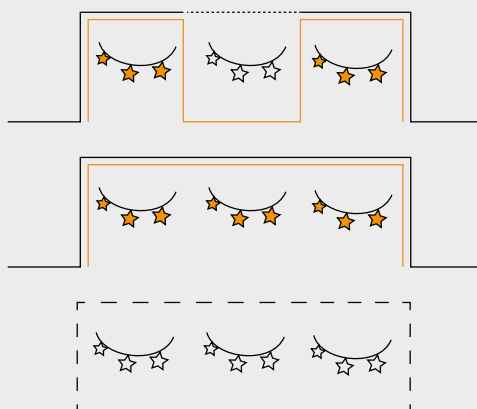
They are pre-programmed in-factory with the exact geographical coordinates of the site.

Two nights of operation are required to become fully standalone at the pre-defined times:

- Geographical accuracy: ± 15 min (depending on location and type of SL control).
- Accuracy between ST2 on the same installation: ± 1 sec.

Permanent mode: on-site inhibition of the energy-saving function possible using a simple ON/OFF protocol.
Can filter possible daylight start-ups.

Off mode: sleep option (permanent OFF) for periods of non-illumination by simple on/off protocol from the cabinet.



INTEGRATION INTO JUNCTION BOXES AND PROTECTION

The ST2 switch easily fits onto a DIN rail in most Class 2 boxes and cabinets:
wired in series as a switch, downstream of the protection.



Examples of integration into lamppost base junction box or wall-mounted junction box including socket