

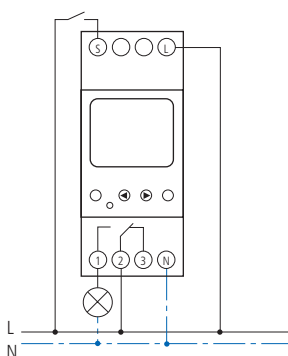


SELEKTA 170 top

SELEKTA 170 top SELEKTA

Function:

- Solar 1-channel weekly clock with "top" operating philosophy, i.e. simplest possible operation through text-oriented programming
- Precise calculation of sunrise and sunset times through inputting date, time and location coordinates (longitude and latitude)
- Alternatively, the location coordinates can be specified via a country-specific and pre-programmed list of cities.
- The switching on and off of the connected consumer depends on the sunrise and sunset times and can be offset forwards or backwards for fine adjustment by up to 120 minutes
- Factory-set date and time
- Text-based programming in 4 easy steps, supported by self-explanatory symbols.
- Energy-saving night switch-off with simple programmable weekly program
- Semi-automatic function (e.g. light on during evenings, night switch-off at 2300 hrs)
- Guided copying of switching times to other weekdays (block formation)
- The daily switching times are graphically illustrated by a segment bar in the LCD
- Date-controlled holiday program
- Continuous switching (continuous on or continuous off)
- Switching pre-selection
- An external input "S" enables the output to be switched via a control signal (e.g. manual switch)
- PIN code, 10 year power reserve
- Automatic summer/winter time correction, can be disabled or freely selected (Europe, GB, USA/CAN changeover rule also selectable)
- Flexible alternative to twilight switch (brightness sensor does not need to be wired)
- Switching times guaranteed through EEPROM
- Space-saving housing, width 35 mm

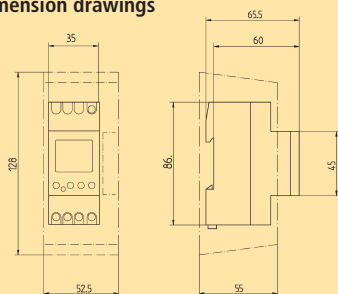


SELEKTA 170 top (1 channel)

Technical data:

- Rated voltage:** 230–240 V~, +10 %/–15 %
- Special voltage:** see appendix
- Frequency:** 50–60 Hz
- Device consumption:** max. 6 VA
- Power reserve at 20 °C:** about 10 years allowing full operation by non-polluting lithium cell
- Time basis:** Quartz
- Accuracy at 20 °C:** $\leq \pm 1$ s/d
- Shortest switching interval:** 1 minute
- Switching accuracy:** to the nearest second
- Display:** LCD display with text line
- Operating elements:** 4 touch keys/1 reset key
- Rated voltage external input "S":** 230–240 V~, +10 %/–15 %
- Rated frequency external input "S":** 50–60 Hz
- Input current external input "S":** max. 0.5 mA
- Device consumption external input "S":** max. 130 mW
- Cable length external input "S":** max. 50 m
- Contact type:** Change-over contact
- Contact:** potential-free
- Opening width:** < 3 mm (μ)
- Contact material:** AgSnO₂
- Switching power at 250 V~, cos ϕ = 1:** 16 A
- Switching power at 250 V~, cos ϕ = 0.6:** 10 A
- Incandescent lamp load:** 2300 W
- Halogen lamp load:** 2300 W
- Fluorescent lamps (KVG) uncompensated:** 1000 VA
- Fluorescent lamps (KVG) series comp.:** 1000 VA
- Fluorescent lamps (KVG) shunt comp.:** 400 VA (42 μ F)
- Fluorescent lamps (KVG) Dual circuit:** 1000 VA
- Mercury discharge lamp uncompensated:** 4 x 125 W, 2 x 250 W, 1 x 400 W, 1 x 700 W
- Mercury discharge lamp shunt compensated:** 6 x 50 W (7 μ F), 4 x 125 W (10 μ F), 2 x 250 W (18 μ F), 1 x 400 W (25 μ F), 1 x 700 W (40 μ F)
- Sodium discharge lamp uncom.:** 2 x 250 W, 1 x 400 W
- Sodium discharge lamp shunt compensated:** 2 x 150 W (20 μ F), 1 x 250 W (32 μ F), 1 x 400 W (45 μ F)
- Compact fluorescent lamps (KVG):** 1000 VA
- Compact fluorescent lamps (EVG):** 9 x 7 W, 7 x 11 W, 7 x 15 W, 7 x 20 W, 7 x 23 W
- Housing and insulation material:** self-extinguishing thermoplasts of high temperature resistance
- Admissible ambient temperature:** –30 °C... +55 °C
- Type of protection according to DIN EN 60 529:** IP 20
- Protection class according to EN 60 730-1 if installed as directed:** II
- Labels:**

Dimension drawings



Terminal cover



Design:

- Standard housing 45 x 35 x 60 mm to DIN 43 880
- Quick fastening for 35 mm profile rail (DIN EN 50 022)
- Contact protection to comply with accident prevention regulation BVG A3
- Top mounting with additional terminal box cover plate, sealable (No. 907 0 064)
- Control panel installation with assembly kit (No. 907 0 001)
- Captive cover flap, sealable

Type	Program	Power reserve (Lithium)	Programmable every...	Special functions	Switching contacts	Nominal current at 250 V~	Order No.
SELEKTA 170 top	astro program, weekly program	10 years	1 minute	Local database	1 changeover switch	16 (10) A	170 0 002
	Terminal cover for top mounting, sealable						907 0 064
	Installation kit for switch panel installation						907 0 001