

SIMPLEXA 178-2 top

Item no.: 1780230

Time and light control
Digital time switches

Description

- Astronomical time switch with weekly program
- 2 channels
- Astronomical switch function (automatic calculation of sunrise and sunset times for the whole year)
- Offset for adjusting of sunrise and sunset times
- Position data via coordinates or country/city lists can be programmed
- Screw terminals (4 mm²)
- 42 memory locations
- 6 years power reserve
- ON-OFF switching times
- Permanent ON/OFF switching
- Automatic summer/winter time changeover
- PIN coding
- Circuit preselection



Technical data

SIMPLEXA 178-2 top	
Operating voltage	230 V AC
Frequency	50 - 60 Hz
Width	2 modules
Installation type	DIN rail
Type of contact	NO contact
Opening width	< 3 mm (μ)
Program	Weekly program

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Program functions	ON-OFF
Number of channels	2
Number of memory locations	42
Power reserve	6 years
Switching capacity at 250 V AC, cos φ = 1	16 A

Subject to technical changes and misprints
additional information at: [/product/1780230](#)

The load data are determined with exemplary selected illuminants and are therefore typical data due to the large number of available products.

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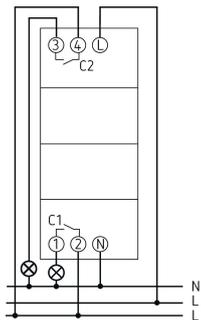
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Technical data

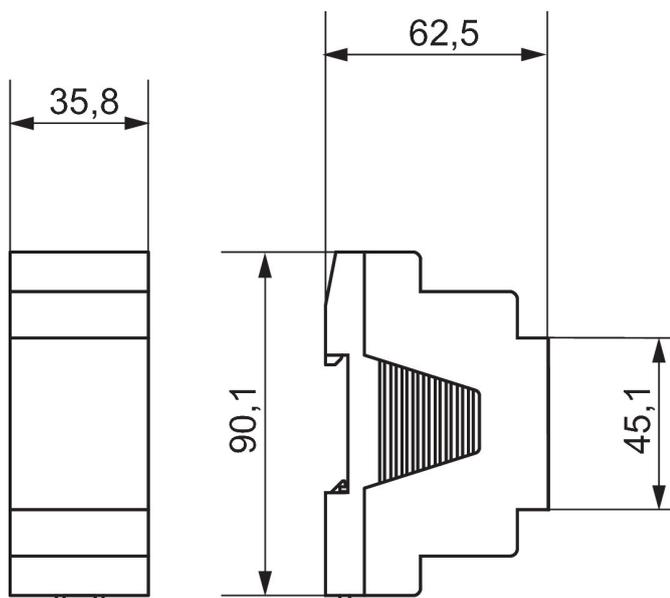
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Switching capacity at 250 V AC, $\cos \varphi = 0,6$	2 A
Incandescent/halogen lamp load	2600 W
LED lamp < 2 W	30 W
LED lamp 2-8 W	300 W
LED lamp > 8 W	300 W
Fluorescent lamp load (conventional) not corrected	2600 VA
Fluorescent lamp load (conventional) series-corrected	2600 VA
Fluorescent lamp load (conventional) parallel-corrected	650 VA
Shortest switching times	1 min

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Time accuracy at 25 °C	$\leq \pm 0.5$ s/day (quartz)
Time basis	Quartz
Stand-by consumption	ca. 0.54 W
Type of connection	Screw terminals
Display	LCD
Keyboards	4 touch buttons
Housing and insulation material	High-temperature resistant, self-extinguishing thermoplastic
Type of protection	IP 20
Protection class	II according to EN 60 730-1
Ambient temperature	-30°C ... 55°C

Connection example



Scale drawings



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Accessories

Wall mounting kit 35 mm

Item no.: 9070064



Front panel kit

Item no.: 9070001

