

# SYN 160 E

Item no.: 1600087

**theben**

Time and light control  
Analogue time switches

## Description

- Analogue time switch
- 1 channel
- Daily program
- Without power reserve
- 96 switching segments
- Synchronised with mains
- Shortest switching time: 15 minutes
- Screw terminals
- Manual switch with 3 positions: Permanent ON/AUTO/continuous OFF



Subject to technical changes and misprints

additional information at: [www.theben.de/product/1600087](http://www.theben.de/product/1600087)

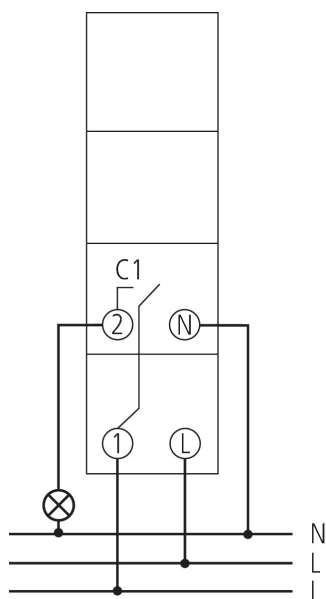
The load data are determined with exemplary selected illuminants and are therefore typical data due to the large number of available products.

## Technical data

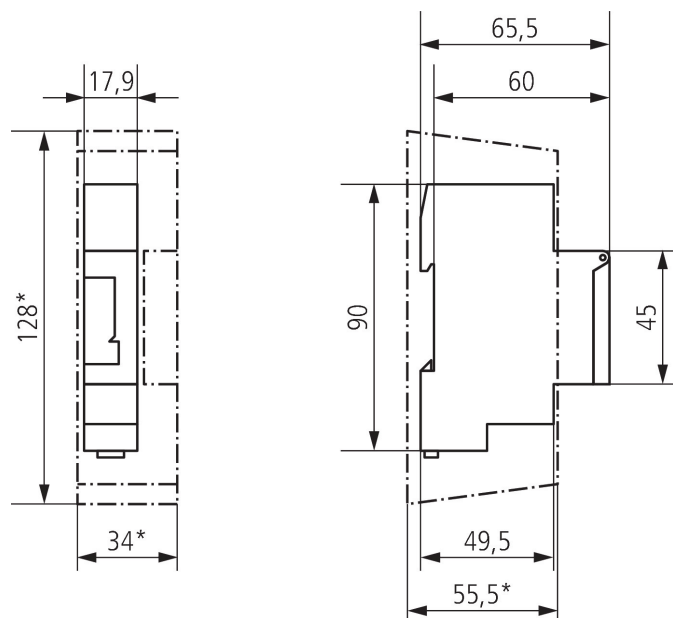
SYN 160 E	
Operating voltage	230 V AC
Frequency	50 Hz
Number of channels	1
Width	1 modules
Installation type	DIN rail
Type of connection	Screw terminals
Drive	Synchronous motor
Program	Daily program
Switching capacity at 250 V AC, $\cos \varphi = 1$	16 A
Switching capacity at 250 V AC, $\cos \varphi = 0,6$	4 A
Incandescent/halogen lamp load	1000 W
Energy saving lamps	150 W
LED lamp < 2 W	30 W
LED lamp 2-8 W	300 W

SYN 160 E	
LED lamp > 8 W	300 W
Shortest switching times	15 min
Programmable every	15 min
Time accuracy at 25 °C	Synchronised with mains
Type of contact	NO contact
Switching output	Potential-free and phase-independent
Number of switching segments	96
Stand-by consumption	~0.9 W
Capacity loss max.	0.7 W
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	-25°C ... 50°C

## Connection example



## Scale drawings



## Accessories

**Wall mounting kit 17,5 mm**  
Item no.: 9070065



**Front panel kit**  
Item no.: 9070001

