

Time and light control  
Digital time switches

Description

- Digital time switch / astronomical time switch with weekly program and annual program
- With integrated web server, external operation via app possible via a cloud solution
- Time switching or astronomical programs can be sent to a single device via the cloud and direct switching can be performed via the cloud
- Via the cloud, the control box can be operated from any computer or smartphone and tablet with the Obelisk top3 app and internet access
- An additional network router or GSM, UMTS or LTE router is required to connect to the cloud
- 4 channels
- 800 memory programs
- Channel 1 to 4 can be switched over as time or astro time switch program
- 3 special programs per channel: switching program / astro program; Duration Off; Duration Each with year date function
- Local holidays, fixed date ranges, recurring date ranges and Easter-themed holidays
- Astro times with other night interruption / fixed ON circuit
- Permanent ON or OFF switching via LAN switchable
- Pulse program
- Automatic summer winter time changeover Europe; Canada; UNITED STATES; Iran, Australia and freely definable
- Deactivate summer / winter time change over
- Hour counter



Technical data

	TC 649 C
Operating voltage	230 V AC
Frequency	50 Hz
Width	4 modules
Installation type	DIN rail
Program	Yearly program, Astronomical program
Program functions	ON-OFF, Pulse
Number of channels	4
Switching capacity at 250 V AC, cos φ = 1	6 A

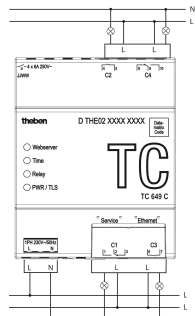
	TC 649 C
Switching capacity min.	ca. 1 mA
Shortest switching times	1 s
Stand-by consumption	~3 W
Housing and insulation material	High-temperature resistant, self-extinguishing thermoplastic
Type of protection	IP 30
Protection class	II
Ambient temperature	-25°C ... 55°C

Subject to technical changes and misprints

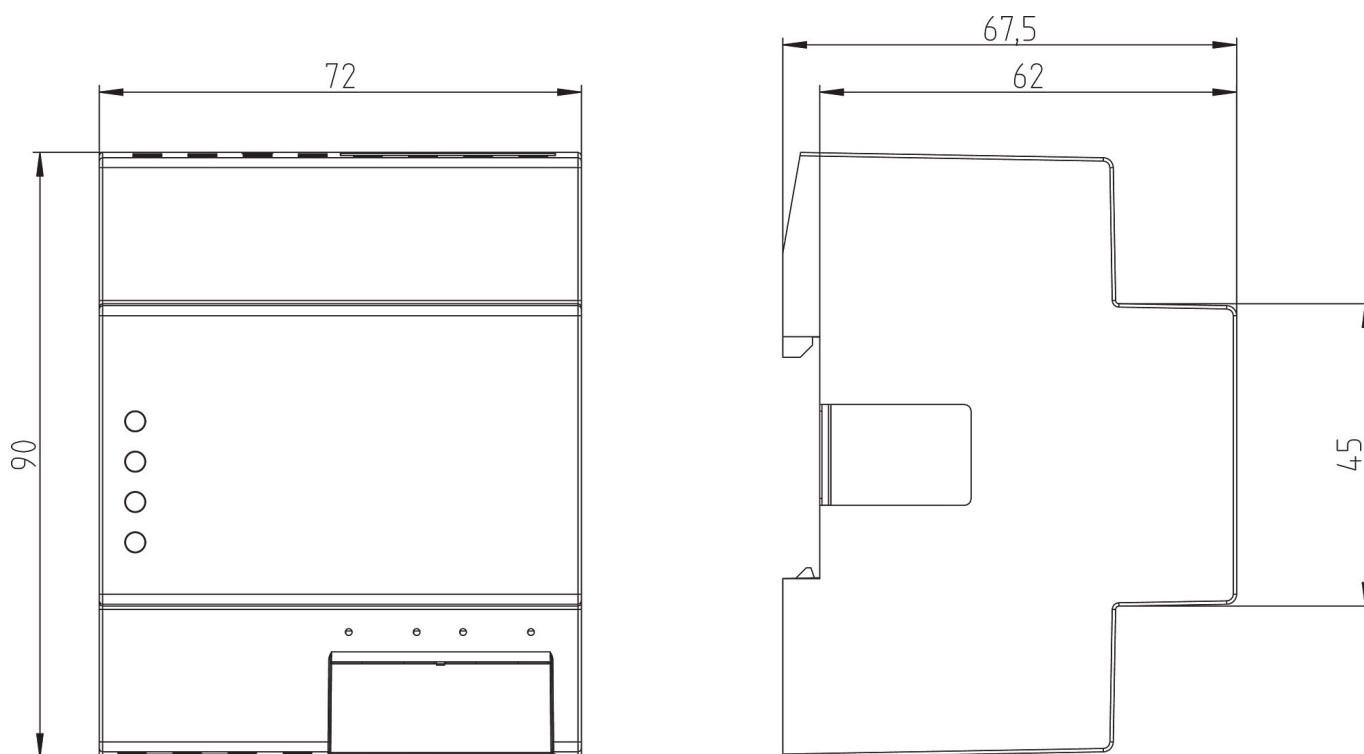
additional information at: [www.theben.de/product/6490430](http://www.theben.de/product/6490430)

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

Connection example



Scale drawings



**TC 649 C**  
Item no.: 6490430

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## Accessories

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

