

## thermio™ eco - thermio™ eco CG7

Item No 04.36.0012.1 / EAN Code 4010940045135



### PRODUCT DESCRIPTION

The CG7 is a digital general purpose timer with 20 storage spaces and 3 different time periods (daily, 5 days plus 2 or 7 day programming) or free block formation. The very short switching time of just one minute enables demand-oriented control of, for example, a heating system. Switching between the operating modes automatic, Fixed ON and OFF can be made using a manual hand switch. The CG7 is distinguished by a simple and modern design, with a low profile and easy installation.

- ▶ Easy and fast installation
- ▶ Optimal tamper protection through sealable housing

### APPLICATIONS

- ▶ Single immersion heater to 3.000 watts
- ▶ Heating systems
- ▶ Pumps
- ▶ Motors
- ▶ Machines
- ▶ Universally usable



### TECHNICAL DATA

#### Electrical Data

Supply voltage	AC 230 V ± 10% 50-60 Hz
Current output	Changeover, potential-free, opening width < 3 mm
Current capacity - ohmic load	16 A / 250 V AC
Current capacity - inductive load cos.φ 0.6	4 A / 250 V AC
Switching capacity - minimal	100 mA / 20 V AC/DC
Load incandescent / halogen lamp	1,000 VA
Current capacity - DC	1 A / 100 V DC
	3 A / 60 V DC
	10 A / 24 V DC
Power consumption	4,4 VA
Accuracy	± 1 Second /Day at 20 °C
Time basis	Synchronous (network frequency)
Power reserve	3 years
Battery	CR2032

#### Power connection

Device	Screw terminal with wire protection max. 2.5 mm <sup>2</sup>
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#### Operating specifications

Manual switch	ON/OFF/AUTO
Channels	1
Tempering protection	Lead-sealable
Program	7 days
	5-2 days
	1-7 Days
	Free weekday block formation
	Daily program (ON/OFF)
	Weekly program (ON/OFF)
Memory lspaces	20

#### Display and format

Time format	12-hour format (AM/PM)
	24-hour format
Shortest switching time	ON/OFF 1 minute

	Program time 1 minute
Summer/winter time	Manual summer/winter time change
Clock	Digital
Status indicator	Switch position display

**Operating conditions**

Humidity (operating)	10 % ... 90 % relative humidity, non-condensing
Humidity (storage)	10 % ... 90 % relative humidity, non-condensing
Temperature (operation)	-10 °C ... +55 °C

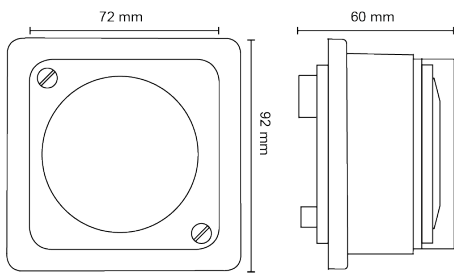
**General specifications**

Colour	White/Grey
Weight	170 g
Material	Thermoplastics, self-extinguishing & high-temperature resistant
Mounting	Flush mounting
	Flush mounting BS 4662
	On-wall BS 5733

**Compliance with standards**

Protection class	I, after appropriate mounting
Approval mark	CE
Standards and guidelines	EN 60730-1, EN 60730-2-7

**DIMENSIONAL DRAWINGS**



**CIRCUIT DIAGRAMS**

