

thermio™ eco - thermio™ eco BG1Q

Item No 04.36.0011.1 / EAN Code 4010940045128



PRODUCT DESCRIPTION

The BG1Q is an analogue, quartz singlechannel general purpose timer. Using the tappets of the mechanical clock, the daily programming is very easy with a very short switching time of 15 minutes. Switching between the operating modes automatic, Fixed ON and OFF can be made using a manual hand switch. This time switch is distinguished by a simple and modern design with a low profile and easy mounting on flush boxes.

- ▶ Easy and fast installation
- ▶ Optimal tamper protection through sealable housing
- ▶ 96 tappets allow the system to be switched ON/OFF at the current time with up to 48 ON and 48 OFF switching times

APPLICATIONS

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

TECHNICAL DATA

Electrical Data

Supply voltage	DC 24-36 V 45-60 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	8 A / 250 V AC
Switching capacity - minimal	100 mA / 20 V AC/DC
Load incandescent / halogen lamp	1.300 VA
Power consumption	2 VA
Accuracy	± 1,5 Second /Day at 20 °C
Time basis	Quartz
Power reserve	> 72 hours

Power connection

Device	Screw terminal with wire protection max. 2.5 mm ²
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Operating specifications

Manual switch	ON/OFF/AUTO
Channels	1
Tempering protection	Lead-sealable
Program	Daily program (ON/OFF)

Display and format

Shortest switching time	ON/OFF 15 Minutes Program time 15 minutes
Clock	Analogue hands

Operating conditions

Humidity (operating)	10 % ... 90 % relative humidity, non-condensing
Humidity (storage)	10 % ... 90 % relative humidity, non-condensing
Temperature (operation)	-20 °C ... +55 °C
Temperature (storage)	-20 °C ... +55 °C

General specifications

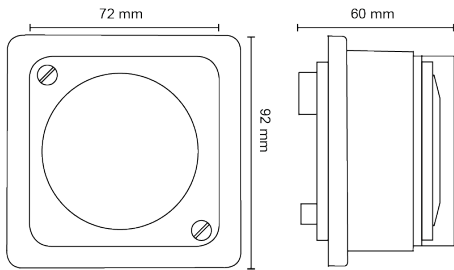
Colour	White/Grey
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Weight	170 g
Material	Thermoplastics, self-extinguishing & high-temperature resistant
Mounting	Flush mounting Flush mounting BS 4662 On-wall BS 5733

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

