

thermio™ eco - thermio™ eco B1

Item No 04.07.0008.1 / EAN Code 4010940045470



PRODUCT DESCRIPTION

The B1 is an analogue single-channel programmer. Daily programming with a very short switching time of 15 minutes is very simple using the tappet of the mechanical time switch. Switching between the operating modes automatic, fixed ON and OFF can be made using a manual hand switch. The time switch is distinguished by a simple and modern design, with a low profile and easy installation through a universal mounting plate.

- ▶ Surface mounting for easy and quick installation
- ▶ Easy and fast installation
- ▶ Simultaneous control of central heating and hot water through a single switching output

APPLICATIONS

- ▶ Boiler
- ▶ combination boiler
- ▶ Domestic heating systems for heating and hot water
- ▶ Pump-controlled central heating systems
- ▶ Gravity heating systems



TECHNICAL DATA

Electrical Data

Supply voltage	AC 230 V ± 10 % 50 Hz
Current output	Changeover, potential free
Current capacity - ohmic load	5 A / 250 V AC
Current capacity - inductive load cos.phi 0.6	2 A / 250 V AC
Rated impulse withstand voltage (Uimp)	4 kV
Time basis	Synchronous (network frequency)

Power connection

Device	Screw terminal with wire protection max. 4 mm ²
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Operating specifications

Manual switch	ON/OFF/AUTO
Channels	1
Program	Daily program (ON/OFF)

Display and format

Shortest switching time	Program time 15 minutes
Status indicator	Status display heating (LED)

Operating conditions

Humidity (operating)	10 % ... 90 % relative humidity, non-condensing
Humidity (storage)	10 % ... 90 % relative humidity, non-condensing
Temperature (operation)	-10 °C ... +50 °C
Temperature (storage)	-10 °C ... +50 °C

General specifications

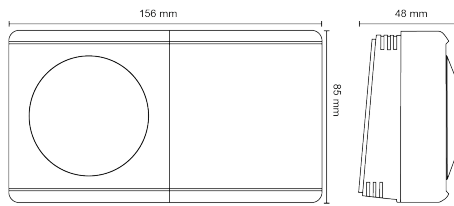
Colour	White/Grey
Dimension	85 x 156 x 48 mm
Mounting	Surface mounting (6-hole mounting on flush-mounted box) Surface mounted

Compliance with standards

Protection type	IP20
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Protection class	II, according to corresponding mounting
Pollution degree	2
Approval mark	CE, Energy Saving Trust
Standards and guidelines	EN 60730-1, Mode of operation and additional properties: Type 1.B

DIMENSIONAL DRAWINGS



CIRCUIT DIAGRAMS

