

# One channel alarm unit MAXIMAT TC1B



## SAFETY INSTRUCTIONS

- Installation, initial start-up and maintenance may only be performed by trained personnel!
- The device may only be connected to supply power specified in the technical data or on the serial plate!
- The device must be disconnected from all sources of power during installation and maintenance work!
- The device may only be operated under the conditions specified in these operating instructions!

## DESCRIPTION

The MAXIMAT TC1B is a signalling device for a contact that opens in the event of an alarm, with visual and acoustic signals. If an alarm signal is emitted by the connected sensor, this is indicated by the MAXIMAT TC1B visually and/or acoustically. The horn can be acknowledged using the built-in reset button.

## TECHNICAL DATA

Power supply	230V AC $\pm 10\%$ / 50...60Hz, 24V DC
Power consumption	~2W / ~2VA
Relay output	Changeover contact, potential-free AC: max. 230V, 3A

### Please note:

During operation, the output relay is energised (contact C connected to NO),  
In the event of an alarm or power failure, it has dropped out (contact C connected to NC).  
The relay remains de-energised as long as the alarm is active; it cannot be acknowledged.

Input normally closed contact E1	Responds to a contact that opens in the event of an alarm, Contact detection voltage/current 15V / 26mA, switching threshold 19mA
Electrical connection	Connection terminals IP20, screw connection, cable cross-section max. 2.5mm <sup>2</sup>
Delay	Approx. 1 second
Signalling	1x green LED for "Operation" 1x red LED for "Alarm" 1x yellow LED "Alarm not acknowledged" 1x piezo signal generator for alarm, acknowledgeable
Ambient temperature	-20...+60°C
Housing	For wall mounting, IP65 according to EN 60 529, polycarbonate
Dimensions	120x80x55mm
Control element	Test/reset button for test function and alarm acknowledgement

**CE mark: The device fulfils the legal requirements of the applicable EU directives.**

## BEHAVIOUR WHEN CONNECTING THE SUPPLY VOLTAGE

After switching on the supply voltage or after a power failure, the MAXIMAT TC1B signalling device emits an alarm.

## TEST FUNCTION

The device has a built-in test function. It can be triggered as follows:  
As long as the test/acknowledgement button is pressed, the yellow LED and the piezo horn are activated (lamp test/horn test).

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**MAXIMAT TC1B**

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M-555.11-EN-AD

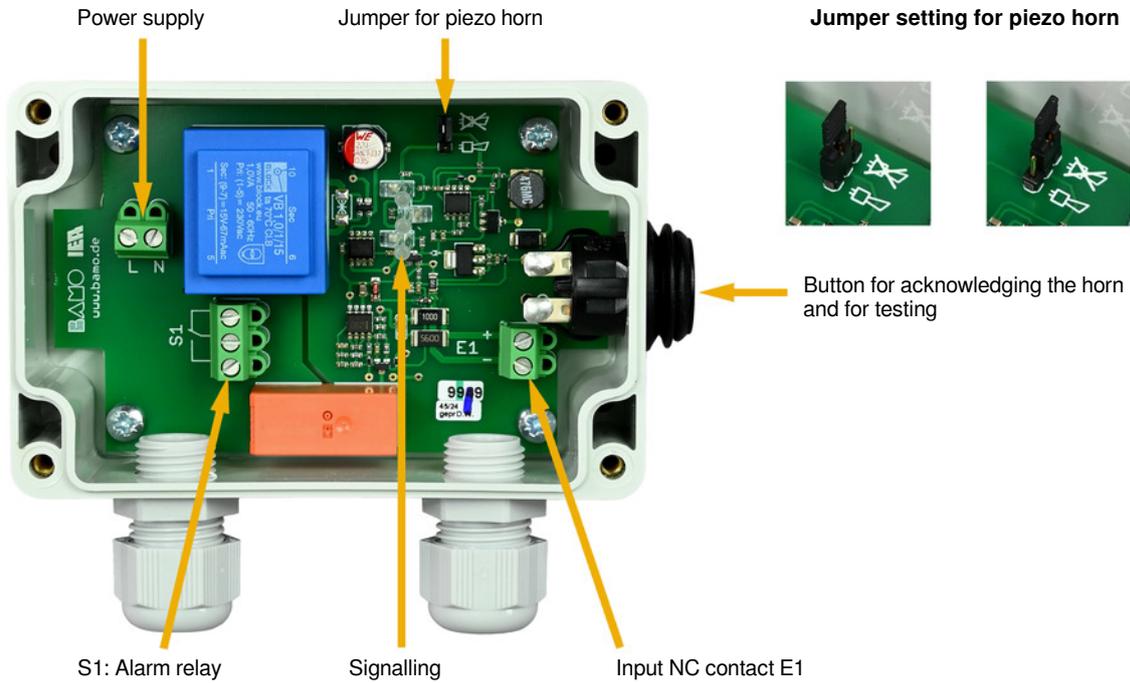
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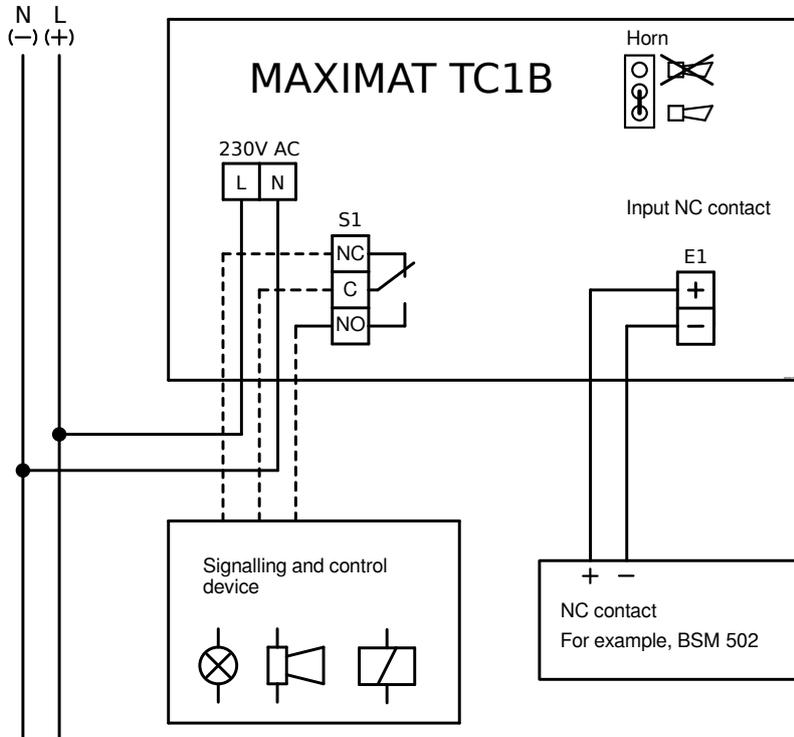
## MAINTENANCE

The MAXIMAT TC1B signalling device is maintenance-free.

## ELECTRICAL CONNECTION



230V AC or 24V DC



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