

Mini-heater

BARTEC



## Mini-heater

### Features

- Small, compact structure
- No temperature control necessary
- Available in different voltages
- Easy wiring

### Description

The Mini-heater protects from frost and prevents the formation of condensation water inside enclosures and small electrical control panels.

The explosion-proof version can be mounted in Ex-enclosures according to EN 60079-7.

### Structure

A heating resistor is flameproof encapsulated in an anodised aluminium enclosure. The terminal leads integrated on both sides make the device a ready-to-connect heater.

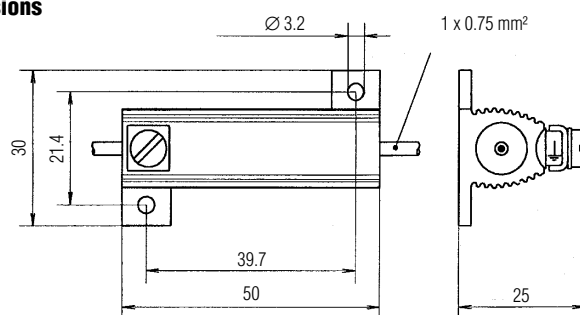
The heater is mounted by means of two fixing holes of  $\varnothing 3.2$  mm. A heater of similar dimensions and power output is available for use in safe areas. This version is supplied without the earth connection.

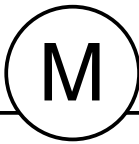
### Function

The Mini-heater can be used without a temperature limiter in hazardous areas providing the installation instructions are carefully adhered to.

Attaching the Mini-heater to a metal body can reduce the surface temperature.

### Dimensions





### ➤ Explosion protection

**Ex protection type**

Ex II 2G Ex d IIC

**Certification**

PTB 00 ATEX 1124 U

**Installation instructions  
for use in Ex areas:**

The temperature class can be specified:

- via a routine thermal test and approval by an authorised Ex inspector
- via a prototype test, e.g. together with other equipment based on presentation by a recognised testing agency.

Installation exclusively in Ex enclosures according to EN 60079-7

### ➤ Technical data

**Nominal voltage**

230 V  
special voltages (6 to 400 V)  
available on request

**Nominal output**

6 W

**Max. permissible surface temperature**

+95 °C

**Enclosure material**

anodised aluminium

**Connection leads**

H07G-K or N4GAF - 0.75 mm<sup>2</sup>  
standard length 0.5 m each side

**Fixing details**

2 fixing holes, Ø 3.2 mm

**Weight**

approx. 46 g

### ➤ Order no.

**Mini-heater  
explosion-protected  
27-2301-3806**

**Mini-heater  
media-protected  
27-2302-3806**

Technical data subject to change without notice.