



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

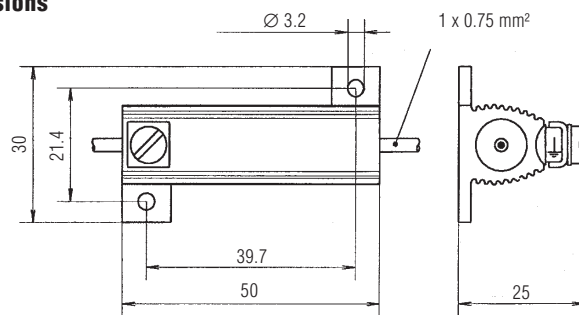
A heating resistor is flameproof encapsulated in an anodised aluminium enclosure. The terminal leads integrated on both sides make the device a ready-to-connect heater.

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

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 up 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 mm²
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**