

## Ambient Air Thermostat

Series TEF 502392xx

TRANBERG®

STAHL



- > Small dimensions
- > Local NO 16 A contacts
- > Easy to install

www.stahl.de



13823E00



E6

The thermostat must be protected with 16 A circuit breaker (fuse) on power lead. Where the circuit breaker is mounted in Ex classified zones, ATEX certified circuit breakers must be used. Electrical connection to the heater must be executed via a circuit breaker, max. 16 A and terminals mounted inside an enclosure. The ambient air thermostat Series TEF502392xx must be used as ambient air sensing working thermostat mounted in ATEX certified Ex e enclosures or enclosures for safe areas.

Zone	ATEX / IECEx					
	0	1	2	20	21	22
For use in		x	x			

### Explosion Protection

#### Global (IECEx)

Gas | IECEx NEM 11.0007X  
Ex mb IIC T6 Gb -50 °C ≤ Ta ≤ +50 °C

#### Europe (ATEX)

Gas | NEMKO 03ATEX1470X  
Ⓜ II 2G Ex mb IIC T6 Gb -50 °C ≤ Ta ≤ +50 °C

#### Certificates and approvals

Certificates | IECEx, ATEX

WebCode T502392xxA

# Ambient Air Thermostat

## Series TEF 502392xx



### Selection Table

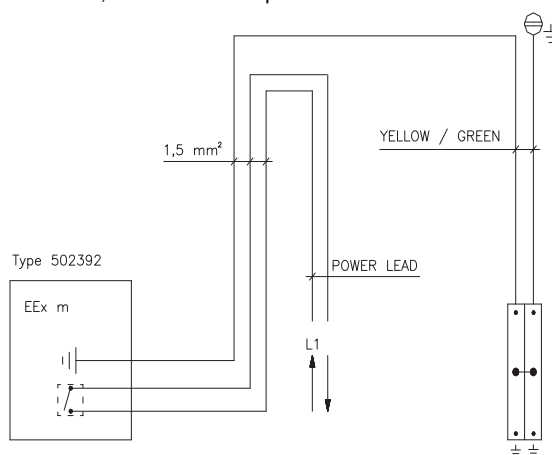
Opening temperature OFF	Closing temperature ON	Material	Order number
+ 11.7 °C +/- 2.8 °C	+ 3.3 °C +/- 3.3 °C	Brass	TEF50239200
+ 11.7 °C +/- 2.8 °C	+ 3.3 °C +/- 3.3 °C	Chromium-plated brass	TEF50239201
+ 11.7 °C +/- 2.8 °C	+ 3.3 °C +/- 3.3 °C	Acid resistant stainless steel	TEF50239202
- 2.8 °C +/- 2.8 °C	- 10 °C +/- 3.3 °C	Brass	TEF50239210
- 2.8 °C +/- 2.8 °C	- 10 °C +/- 3.3 °C	Chromium-plated brass	TEF50239211
- 2.8 °C +/- 2.8 °C	- 10 °C +/- 3.3 °C	Acid resistant stainless steel	TEF50239212
+ 20 °C +/- 2.8 °C	+ 10 °C +/- 3.3 °C	Brass	TEF50239220
+ 20 °C +/- 2.8 °C	+ 10 °C +/- 3.3 °C	Chromium-plated brass	TEF50239221
+ 20 °C +/- 2.8 °C	+ 10 °C +/- 3.3 °C	Acid resistant stainless steel	TEF50239222

### Technical Data

#### Electrical data

Rated voltage  
Circuit diagram

250 V AC, 120 V AC on request



14050E00

#### Mechanical data

Material

Brass, chromium-plated brass or acid resistant stainless steel

#### Ambient conditions

Operating temperature range  
Maximal ambient temperature before damage of bimetal thermostat  
Maximal surface temperature

- 50 ... + 50 °C  
+177 °C  
+50 °C

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.