



STAHL TEF50239212 Ambient Temperature Control Device Instructions

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TANDBERG Solutions
The ambient temperature control device
TEF50239212 Art. No. 170984



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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.

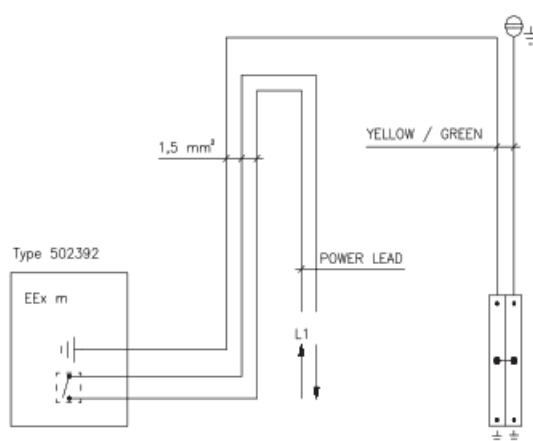
The ambient air thermostat Series TEF502392xx must be used as ambient air sensing working thermostat mounted in ATEX certified Ex e enclosures or enclosures for safe areas.

Technical Data

Explosion Protection	
Application range (zones)	1 2
IECEX gas certificate	IECEX NEM 11.0007X
IECEX gas explosion protection	Ex MB IIC T6 Gb
ATEX gas certificate	NEMKO 03ATEX1470X
ATEX gas explosion protection	 II 2 G Ex mb IIC T6 Gb
Electrical Data	
Rated operational voltage AC	250 V
Additional rated operating voltage	120 V AC on request
Ambient Conditions	
Ambient temperature	-50 °C ... +50 °C

Opening temperature OFF	-2,8 °C
Closing temperature ON	-10 °C
Opening temperature tolerance	+/- 2,8 °C
Closing temperature tolerance	+/- 3,3 °C
Mechanical Data	
Material	Acid-resistant stainless steel
Weight	0 kg
Weight	0 lb

Technical Drawings – Subject to Alterations



Circuit diagram

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.

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2022-08-31

Documents / Resources

	STAHL TEF50239212 Ambient Temperature Control Device [pdf] Instructions TEF50239212 Ambient Temperature Control Device, TEF50239212, Ambient Temperature Control Device, Temperature Control Device, Control Device, Device
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References

-  [R. STAHL | Explosion Hazard Systems | Industrial Explosion Protection](#)
-  [You will find a little bit of Stahl chemistry everywhere](#)