

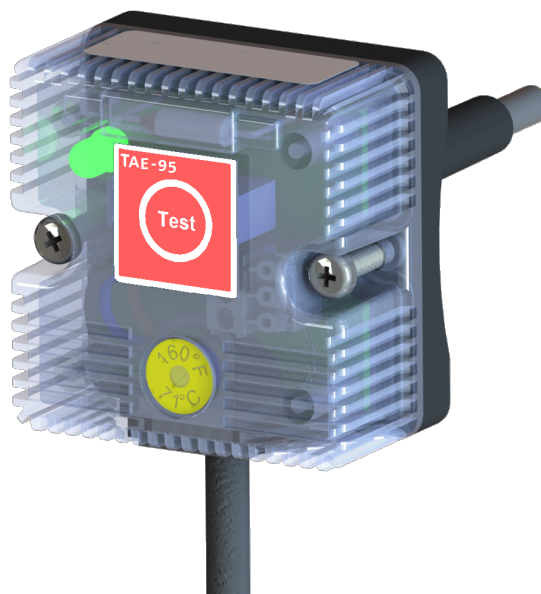
Technical data sheet

TAE-95
Thermoelectric tripping device
with cable

Description

Thermoelectric tripping device with control button

- Nominal voltage 24 VAC/DC
- TF1: duct-inside response temperature +95°C
- TF2: duct-outside response temperature +71°C



Technical data

Electrical data	Nominal voltage	24 VAC/DC, 50/60 Hz
	Nominal voltage range	19...29 VAC/DC
	Rated current	max. 1 A
	Continuity resistance	< 1 Ω
	Connection	cable 1000 mm [3,3 ft], 3 x 0,5 mm ² (halogen free) part of the actuator 340TA.../360TA...
Functional data	Temperature indicator	+71°C / 160°F
	Thermal tripping device	2x (EN 60691)
	Temperature TF1	+95°C (inside duct)
	Temperature TF2	+71°C (outside duct)
	Function test	test button
	Control indicator	green / red
	Supply	in connction with Gruner fire and smoke actuators possible
Safety	Protection class	III (safety extra-low voltage)
	Degree of protection	IP 54

Technical data

Safety	RoHS	CE (2011/65/EU - 2015/863/EU - 2017/2102/EU)
	Certifications	ISO 10294-4:2001(E) - inner thermic release mechanics
	Ambient temperature normal operation	-30°C...+50°C
	Storage temperature	-40°C...+50°C
	Ambient humidity	5...95% r.H., non condensing (EN 60730-1)
	Maintenance	mainteance free
Dimensions / Weight	Dimensions	50 x 50 x 95,6 mm
	Weight	100 g

Functionality / Properties

Operating mode TAE

The external thermoelectric tripping device consists of two thermal fuses TF1 and TF2. If the abient temperature +71°C or the inside-duct temperature +95°C exceeds, is tripped the temperature fuse and the power supply will be irreversible interrupted. The tripping device TAE is equipped with a test switch and a LED.

The LED is green if the actuator is powered on and the fuses have not tripped.

The LED is red if the test switch is pressed.

Function control

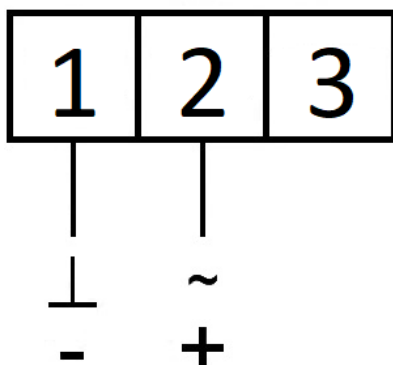
Using the button to perform a function check of the safety damper on site. The response of the temperature fuses is simulated.

Temperature indicator white = limit temperature not exceeded
 Temperature indicator black = limit temperature exceeded (control after transport and storage)

Mounting

The mounting is carried out with self-cutting screws on the duct or on the damper wall. During mounting must be observed, that the safety elements are free in the air stream.

Connector / Security Note



Safety remarks

- It may only be installed by suitably trained personnel. Any legal regulations or regulations issued by authorities must be observed during assembly.
- The actuator is not allowed to be disposed of as household refuse. All locally valid regulations and requirements must be observed.

Technical Drawing

