



TJN, FGL-AKTOR

THERMAL ACTUATORS

FOR SWITCHING BETWEEN THE HEATING AND COOLING MODES OF ADJUSTABLE AIR TERMINAL DEVICES

Thermal actuators for air terminal devices Types QSH, ISH and TJN

- Modulating change of the discharge direction for different operating situations
- Mechanical self-powered
- Shape memory alloy or wax as actuation material

Application



Application

- Actuators for self-powered variable adjustment
- Modulating operation of adjustable air terminal devices
- Adjustment of the air discharge direction

TECHNICAL INFORMATION

Function, Technical data



Functional description

The actuator is self-powered and moves the blades or other air control elements of an air terminal device to any position between the HEATING and COOLING positions.

Thermal actuators are fitted inside air terminal devices and in the supply air flow. As the supply air temperature rises, the shape of the wax or shape memory alloy changes.

Thermischer Stellantrieb T

Arbeitsbereich	15 – 35 °C
Stellweg	10 mm

Thermischer Stellantrieb T1

Arbeitsbereich	18 – 32 °C
Stellweg	10 mm
Gewicht	0,15 kg

Variants



Any attachments are to be defined with the order code of the air terminal device.

T

Application

- Actuator, self-powered, for changing the discharge direction of air terminal devices Types QSH and ISH

Parts and characteristics

- Housing: copper tube
- Actuation material: ethyl acetate

T1

Application

- Actuator Type FGL, self-powered, for modulating the discharge direction of air terminal devices Type TJN

Parts and characteristics

- Actuator with shape memory alloy
- Plastic housing accommodates the springs

Thermal actuators for air terminal devices

Order code detail	Actuator	Diffuser Type
	Part number	
T	M456BE0	QSH, ISH
T1	A00000039387	TJN

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