

PRODUCT DESCRIPTION

TST Series Bimetallic Thermostats are designed to open or close an electrical circuit when the temperature reaches a specified switching point.

Thanks to their compact design, they can be used for temperature control and temperature-dependent equipment control in hydraulic power units, lubrication systems, cooling systems and various industrial applications.

The TST Series is available with NO (Normally Open) or NC (Normally Closed) contact options, depending on the application requirement.



FEATURES

Electricity

Contact Type	NO or NC
Commemoration Tension	250 VAC, 50/60 Hz
Maximum Current	10 A @ 250 VAC
Minimum Current	1 mA @ 12 VDC
Contact Resistance	≤ 50 mΩ
Electrical Connection	DIN 43650 / EN 175301-803, 2 terminals + PE
Protection Class	IP65
Electrical Life	100,000 spins

Temperature

Switching Temperature Range	35°C ... 120°C
Standard Set Values	35 / 40 / 50 / 60 / 70 / 80 / 90 / 100 / 110 / 120°C
Switching Tolerance	±3°C
Reset Temperature	-20°C ... +100°C
Typical Temperature Differential	Approximately 15°C
Maximum Ambient Temperature	205°C

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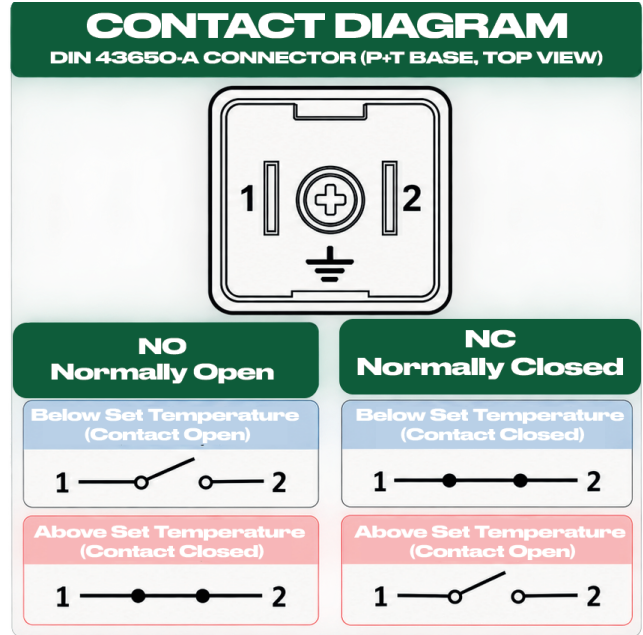
Mounting Type	Threaded process connection
Process Connection	G1/2"
Installation Position	Position-independent
Max. Operating Pressure	10 bar
Wrench Jaw	27 mm

ORDER CODE

TST	- ... -	- ... -	- ... -	- ... -
MODEL	Body Type	Contact Type	Process Connection	Switching Temperature
TST Model Thermostat	(Blank) Brass body – Standard Y Aluminium Body	NO Normally Open NC Normally Closed	N10 G1/2" N11 22x1,5	35 = 35°C
				40 = 40°C
				50 = 50°C
				60 = 60°C
				70 = 70°C
				80 = 80°C
				90 = 90°C
				100 = 100°C
				110 = 110°C
				120 = 120°C

NOTE: The products will be supplied with a DIN 43650-A type connector.

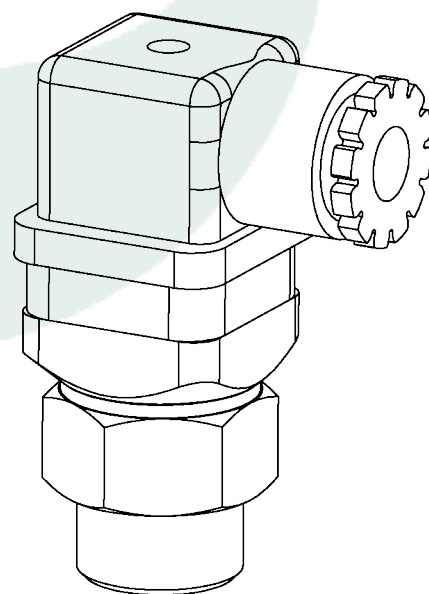
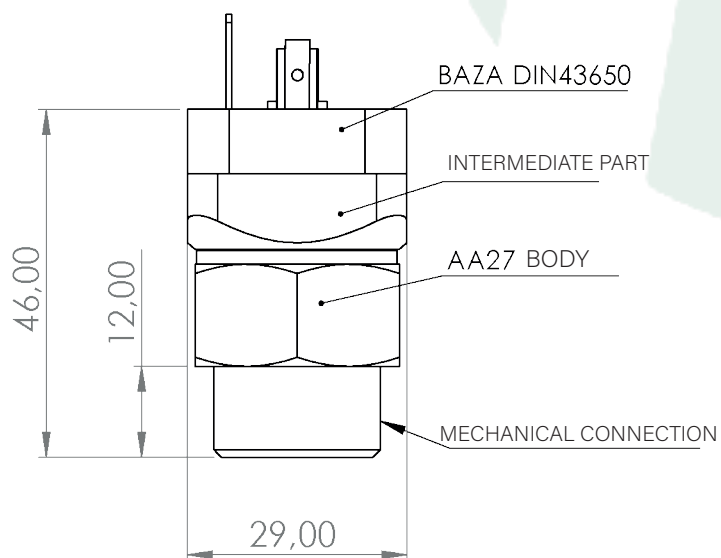
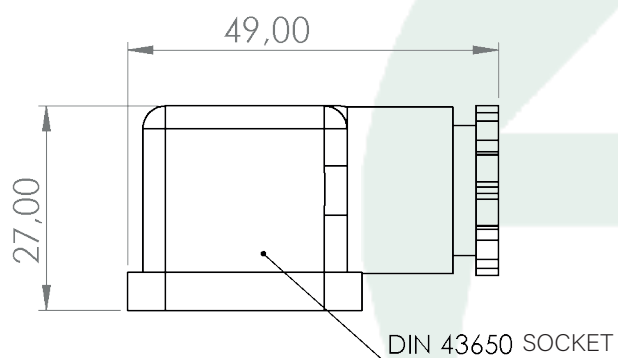
ELECTRICAL CONNECTION



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WARNING: The values specified in the technical documentation are the maximum values that have been tested. Please contact us for applications outside these limits. The product must not be operated without pressure or in a manner that exposes it to impact; appropriate filtration must be provided to extend its service life.

TECHNICAL SPECIFICATIONS



MECHANICAL CONNECTION	
ORDER CODE	EXTERNAL DIMENSIONS
N10	G1/2"
N11	M22X1,5