Data Sheet JTU-50

Article number: E6100000

Duct thermostat, -25...+65 °C, hysteresis 1.5K, capillary length 350 mm

Minimum or maximum thermostat for supply air monitoring and fan control in ventilation and air conditioning systems. Overheating protection thermostat for electric heating coils and direct-fired air heaters in oil and gas operation.

Number of outputs	2
Number of control ranges	1
Output signal	switching
External reset	No
Operation	internal setpoint adjuster
Rated impulse voltage	4000 V
Electric connection	screw terminals
Electronic control	No
With explosion protection	No
Colour	grey
Sensor element	capillary tube

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Function type (systems engineering)	TW
Device version	surface-mounted unit
Internal setting	Yes
Bearing temperature	–15 … 80 °C
Length of sensor	350 mm
Capillary length	0.35 m
Max. air humidity (non-condensing)	95 % r.H.
Sensor material	Cu
Housing material	Metal sheet steel
Max. Sensor temperature	200 °C
Max. switching voltage	230 VAC, 50 Hz
Max. switching current	15 (8) A
Medium	Air
Min. switching voltage	24 VAC, 50 Hz
Mounting/attachment	mounting on air duct
Burner control range	-25 … 65 °C
Heating control function	Yes
Cooling control function	Yes
Switching differential	Heating/cooling: 1,5 K
Switching difference, can be adjusted	No
Switching contact	two-way contact
Potential free switching contact	Yes

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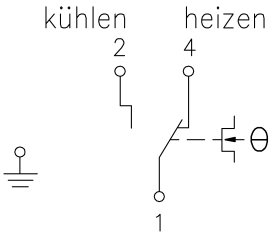
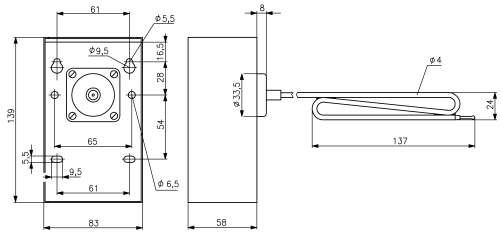
Switching power	3450 W
Protection class	IP40
Protection class	I
Safety and EMC	in accordance with DIN EN 60730
Scale	Degree Celsius
Ambient temperature	-15 … 80 °C
Degree of contamination	2
Dimensions (W x H x D)	83 mm x 139 mm x 58 mm





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