Datasheet JTU-3

Articlenumber: E6100036

Duct thermostat, 20...100°C, external reset, capillary length 350mm

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.

Ambient temperature	?15 … 80 °C
Bearing temperature	–15 … 80 °C
Burner control range	20 … 100 °C
Capillary length	0.35 m
Colour	Grey
Cooling control function	Yes
Degree of contamination	2
Device version	Surface-mounted unit
Dimensions (W x H x D)	83 mm x 139 mm x 58 mm
Electric connection	Screw terminals
Electronic control	No
External reset	Yes
Function type (systems engineering)	STB
Heating control function	Yes
Housing material	Metal sheet steel
Internal setting	Yes
Length of sensor	350 mm
Max. air humidity (non-condensing)	95 % r.H.

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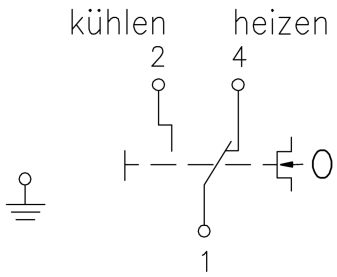
Max. Sensor temperature	200 °C
Max. switching current	15 (8) A
Max. switching voltage	230 VAC, 50 Hz
Medium	Air
Min. switching current	150 mA
Min. switching voltage	24 VAC, 50 Hz
Montage/Befestigung	Mounting on air duct
Number of control ranges	1
Number of outputs	2
Operation	Internal setpoint adjuster, reset button
Output signal	Switching/locking
Potential free switching contact	Yes
Protection class	I
Rated impulse voltage	4000 V
Safety and EMC	In accordance with DIN EN 60730
Scale	Degree Celsius
Sensor element	Capillary tube
Sensor material	Cu
Surface finish	Matt
Switching contact	Two-way contact
Switching element	Microswitch
Switching power	3450 W
With explosion protection	No



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