

Data Sheet JTU-6

Article number: E6100051

Duct thermostat, 60...140 °C, external reset, 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.



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|---------------------------|----------------------------|
| Number of outputs | 2 |
| Number of control ranges | 1 |
| Output signal | switching/locking |
| External reset | Yes |
| 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) | TB |
| 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 |
| Min. switching current | 150 mA |
| Mounting/attachment | mounting on air duct |
| Surface finish | matt |
| Burner control range | 80 ... 140 °C |
| Heating control function | Yes |
| Cooling control function | Yes |
| Switching element | microswitch |
| Switching contact | two-way contact |

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| Potential free switching contact | Yes |
| 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 |

