

Data Sheet JET-120 R

Article number: JA046100

Temperature controller, wall mounting, 0...60 °C, hysteresis adjustable 2...20 K, external setting

Temperature control or monitoring in the industrial sector in non-aggressive environments, e.g. for controlling heating or air conditioning systems in greenhouses, industrial, sports and air domes, cold storage and deep-freeze rooms.



Number of outputs	2
Number of control ranges	1
Output signal	switching
External setting	Yes
Operation	rotary knob
Rated impulse voltage	4000 V
Electric connection	screw terminals
Electronic control	No
With explosion protection	No
Colour	grey
RAL colour number (similar)	7016/7035

Sensor element	capillary tube
Function type (systems engineering)	TR
Device version	surface-mounted unit
Internal setting	No
Bearing temperature	-35 ... 70 °C
Max. air humidity (non-condensing)	95 % r.H.
Sensor material	Cu (capillaries made from V2A)
Housing material	plastic
Max. Sensor temperature	70 °C
Max. switching voltage	230 VAC, 50 Hz
Max. switching current	15 (8) A
Mechanical range reduction	Yes
Medium	Air
Min. switching voltage	24 VAC, 50 Hz
Min. switching current	150 mA
Mounting/attachment	wall mounting
Surface finish	matt
Control range	0 ... 60 °C
Heating control function	Yes
Cooling control function	Yes
Switching difference, can be adjusted	Yes
Switching differential adjustable from to	2 ... 20 K

Switching element	microswitch
Switching contact	two-way contact
Potential free switching contact	Yes
Switching power	3450 W
Protection class	IP65
Protection class	I
Safety and EMC	in accordance with DIN EN 60730
Scale	Degree Celsius
Ambient temperature	-35 ... 70 °C
Degree of contamination	2
Dimensions (W x H x D)	71 mm x 165 mm x 83 mm

