

Datasheet JET-120 R

Articlenumber: JA046100

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



Ambient temperature	?35 ... 70 °C
Bearing temperature	–35 ... 70 °C
Colour	Grey
Control range	0 ... 60 °C
Cooling control function	Yes
Degree of contamination	2
Device version	Surface-mounted unit
Dimensions (W x H x D)	71 mm x 165 mm x 83 mm
Electric connection	Screw terminals
Electronic control	No
External setting	Yes
Function type (systems engineering)	TR
Heating control function	Yes
Housing material	Plastic
Internal setting	No
Max. air humidity (non-condensing)	95 % r.H.
Max. Sensor temperature	70 °C
Max. switching current	15 (8) A

Max. switching voltage	230 VAC, 50 Hz
Mechanical range reduction	Yes
Medium	Air
Min. switching current	150 mA
Min. switching voltage	24 VAC, 50 Hz
Montage/Befestigung	Wall mounting
Number of control ranges	1
Number of outputs	2
Operation	Rotary knob
Output signal	Switching
Potential free switching contact	Yes
Protection class	I
RAL colour number (similar)	7016/7035
Rated impulse voltage	4000 V
Safety and EMC	In accordance with DIN EN 60730
Scale	Degree Celsius
Sensor element	Capillary tube
Sensor material	Cu (capillaries made from V2A)
Surface finish	Matt
Switching contact	Two-way contact
Switching difference, can be adjusted	Yes
Switching differential adjustable from to	2 ... 20 K
Switching element	Microswitch
Switching power	3450 W
With explosion protection	No



