

Datasheet ATR 83.101

Articlenumber: C1810495

Contact temperature controller, 0-60°C, indoor setting, IP20

Contact thermostat for controlling or monitoring temperatures on heating registers, pipes or containers, e.g. temperature-dependent pump control or control of motor valves.



Ambient temperature	0 ... 80 °C
Assembly	Temperature controller, cable ties
Bearing temperature	0 ... 80 °C
Colour	Grey
Contact interlocking	No
Control range	0 ... 60 °C
Cooling control function	Yes
Dimensions (W x H x D)	52 mm x 110 mm x 52 mm
Electric connection	Screw terminals
Electronic control	No
External setting	No
Function type (systems engineering)	TW
Heating control function	Yes
Max. air humidity (non-condensing)	95 % r.H.
Max. Sensor temperature	80 °C
Max. switching current	16 (2) A
Max. switching voltage	230 VAC, 50 Hz
Min. switching current	150 mA

Min. switching voltage	24 VAC, 50 Hz
Montage/Befestigung	Wall/pipe mounting
Number of control ranges	1
Number of outputs	2
Operation	Internal setpoint adjuster
Output signal	Switching
Potential free switching contact	Yes
Protection class	I
Safety and EMC	In accordance with DIN EN 60730
Scale	Degree Celsius
Sensor element	Capillary tube
Surface finish	Matt
Switching contact	Two-way contact
Switching difference, can be adjusted	No
Switching differential	Heating/cooling: 4 K
Switching element	Microswitch
Switching power	3680 W
Temperature controller version	Surface temperature controller
Thermal feedback	Yes
With explosion protection	No

