

## Data Sheet ATR 83.100

Article number: C1810493

Contact temperature controller, 30-90 °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.



Number of outputs	2
Number of control ranges	1
Temperature controller version	surface temperature controller
Output signal	switching
External setting	No
Operation	internal setpoint adjuster
Electric connection	screw terminals
Electronic control	No
With explosion protection	No
Colour	grey
Sensor element	capillary tube

Function type (systems engineering)	TW
Contact interlocking	No
Bearing temperature	0 ... 80 °C
Max. air humidity (non-condensing)	95 % r.H.
Max. Sensor temperature	100 °C
Max. switching voltage	230 VAC, 50 Hz
Max. switching current	16 (2) A
Min. switching voltage	24 VAC, 50 Hz
Min. switching current	150 mA
Mounting/attachment	wall/pipe mounting
Surface finish	matt
Control range	30 ... 90 °C
Heating control function	Yes
Cooling control function	Yes
Switching differential	Heating/cooling: 4 K
Switching difference, can be adjusted	No
Switching element	microswitch
Switching contact	two-way contact
Potential free switching contact	Yes
Switching power	3680 W
Protection class	IP20
Protection class	I

Safety and EMC	in accordance with DIN EN 60730
Scale	Degree Celsius
Thermal feedback	Yes
Ambient temperature	0 ... 80 °C
Assembly	temperature controller, cable ties
Dimensions (W x H x D)	52 mm x 110 mm x 52 mm

