

Datasheet ATR 83.100

Articlenumber: C1810493

Contact temperature controller, 30-90...°C, internal setting, IP20



Ambient temperature, lower value	0 °C
Ambient temperature, upper value	80 °C
Assembly	Temperature controller, cable ties
Bearing temperature, lower value	0 °C
Bearing temperature, upper value	80 °C
Colour	Grey
Contact interlocking	No
Control range, lower value	30 °C
Control range, upper value	90 °C
Cooling control function	Yes
Depth	52 mm
Electric connection	Screw terminals
Electronic control	No
External setting	No
Function type (systems engineering)	TW
Heating control function	Yes
Height	110 mm
Max. sensor temperature	100 °C
Maximum air humidity (non-condensing)	95 % r.H
Maximum switching current	16 (2) A

Maximum switching voltage	230 V AC, 50 Hz
Minimum switching current	150 mA
Minimum switching voltage	24 V AC / 50 Hz
Mounting / attachment	Wall/pipe mounting
Number of control ranges	1
Number of outputs	2
Operating voltage	None
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 properties	Matt
Switching contact	Two-way contact
Switching difference	4K
Switching difference, can be adjusted	No
Switching element	Microswitch
Switching power	3680 W
Temperature controller version	Surface temperature controller
Thermal feedback	Yes
Type of protection	IP20
Width	52 mm
With explosion protection	No

