

Data Sheet CTRRS-161.000/06

Article number: DN600007

Electronic control cabinet thermostat for Peltier modules - heating or cooling. 24 VDC

This temperature controller was specially developed for controlling Peltier modules, for heating or cooling switch cabinets, ticket and cash machines or for heating/cooling messages or requirements. The controller can only be used for one operating mode, heating or cooling.



Connection cross-section	0,5 – 2,5 mm ²
Number of outputs	2
Number of control ranges	1
Output signal	switching
External setting	Yes
Operation	rotary knob
Rated impulse voltage	500 V
Operating voltage	24 VDC
Average power consumption	0.2 W
Electric connection	screw terminals

Electronic control	Yes
With explosion protection	No
Colour	grey
RAL colour number (similar)	7035
Sensor element	NTC internal
Internal setting	No
Bearing temperature	-20 ... 70 °C
Max. air humidity (non-condensing)	95 % r.H.
Housing material	plastic PA6
Max. switching voltage	24 VDC
Max. switching current	16 A
Medium	Air
Min. switching voltage	24 VDC
Mounting/attachment	on supporting rails (35 mm), EN 60715
Surface finish	matt
Control range	0 ... 60 °C
Heating control function	Yes
Cooling control function	Yes
Switching differential	Heating/cooling: 2 ... 3 K
Switching difference, can be adjusted	No
Switching element	relay
Switching contact	two-way contact

Potential free switching contact	Yes
Switching power	384 W
Protection class	IP20
Protection class	III
Safety and EMC	in accordance with DIN EN 60730
Scale	Degree Celsius
Ambient temperature	-10 ... 60 °C
Degree of contamination	2
Dimensions (W x H x D)	37 mm x 46 mm x 64 mm

Anschluss im Heizbetrieb

