

Datasheet CTRRS-161.000/06

Articlenumber: DN600007

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

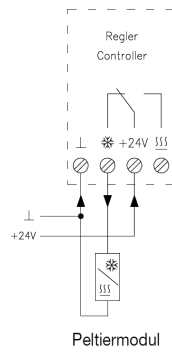
This temperature controller was specially developed for controlling Peltier modules, for heating or cooling switch cabinets, ticket and cash machines or for heating/cooling messages or requirements. The controller can only be used for one operating mode, heating or cooling.



Ambient temperature	?10 ... 60 °C
Average power consumption	0.2 W
Bearing temperature	-20 ... 70 °C
Colour	Grey
Connection cross-section	0,5 – 2,5 mm ²
Control range	0 ... 60 °C
Cooling control function	Yes
Degree of contamination	2
Dimensions (W x H x D)	37 mm x 46 mm x 64 mm
Electric connection	Screw terminals
Electronic control	Yes
External setting	Yes
Heating control function	Yes
Housing material	Plastic PA6
Internal setting	No
Max. air humidity (non-condensing)	95 % r.H.
Max. switching current	16 A
Max. switching voltage	24 VDC

Medium	Air
Min. switching voltage	24 VDC
Montage/Befestigung	On supporting rails (35 mm), EN 60715
Number of control ranges	1
Number of outputs	2
Operating voltage	24 VDC
Operation	Rotary knob
Output signal	Switching
Potential free switching contact	Yes
Protection class	III
RAL colour number (similar)	7035
Rated impulse voltage	500 V
Safety and EMC	In accordance with DIN EN 60730
Scale	Degree Celsius
Sensor element	NTC internal
Surface finish	Matt
Switching contact	Two-way contact
Switching difference, can be adjusted	No
Switching differential	Heating/cooling: 2 ... 3 K
Switching element	Relay
Switching power	384 W
With explosion protection	No

Anschluss im Kühlbetrieb



Anschluss im Heizbetrieb

