

Datasheet KTRRN-267.014

Articlenumber: DA460002

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

This controller for controlling Peltier modules with fans for the air conditioning of switch cabinets. The KTRRN has two control ranges for the heating and cooling functions. The switching point for heating is selected in the lower setting range and the switching point for cooling is selected in the upper setting range. The setting ranges are separated by a range of 10 K.



Ambient temperature	?10 ... 55 °C
Average power consumption	1 W
Bearing temperature	-20 ... 70 °C
Colour	Light grey
Connection cross-section	0,5 – 2,5 mm ²
Control range	0 ... 50 °C
Cooling control function	Yes
Dimensions (W x H x D)	36 mm x 86 mm x 59 mm
Electric connection	Screw terminals
External setting	Yes
Heating control function	Yes
Housing material	Plastic ABS
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
Protection class	III
RAL colour number (similar)	7035
Safety and EMC	In accordance with DIN EN 60730
Scale	Degree Celsius
Sensor element	NTC internal, optional NTC external
Surface finish	Matt
Switching contact	Two-way contact
Switching differential	Heating/cooling: 1 K
Switching element	Relay
Switching power	3680 W

