

Data Sheet KTRRN-267.014

Article number: 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.



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
Operating voltage	24 VDC
Average power consumption	1 W
Electric connection	screw terminals
Colour	light grey

RAL colour number (similar)	7035
Sensor element	NTC internal, optional NTC external
Bearing temperature	-20 ... 70 °C
Max. air humidity (non-condensing)	95 % r.H.
Housing material	plastic ABS
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 ... 50 °C
Heating control function	Yes
Cooling control function	Yes
Switching differential	Heating/cooling: 1 K
Switching element	relay
Switching contact	two-way contact
Switching power	3680 W
Protection class	IP20
Protection class	III
Safety and EMC	in accordance with DIN EN 60730
Scale	Degree Celsius

Ambient temperature

-10 ... 55 °C

Dimensions (W x H x D)

36 mm x 86 mm x 59 mm

