





fig. -01x00

Room controller RRTZ

1 continuous output with preset Z-characteristic Internal or external sensor Direction da with Z-shaped special characteristic Housing: 75 x 75 x 27 mm, IP30

Technical data

Electrical data	Power supply Power consumption Output signal Attention: Please note!	24 Vac (21,626,4 V) < 1 VA Z-shaped 1,55,59,5 Vdc (010 Vdc), max. 2 mA The characteristic curve is determined by the factory settings of trimmers 2, 4, 5 and 6. These should not be set or only by trained personnel (see function diagram S2)
Functions	Adjustment range Output terminal 3 Setpoint correction SK P-band heating and cooling Dead band Temperature probe	see order information cooling (da) increases tR - increases Y ±5 K, adjustable internally factory setting (FS) fixed 2 K -3 K+6 K (FS 1 K) internal or external sensor Djadun series F11
Safety	Protection type / class EMC CE conformity Ambient temperature Ambient conditions Permitted relative humidity	IP30 / III (SELV) EN 55011:2011-04, 55011-103:2013-02 according to 2014/30/EU operation 050 °C; storage -10+70 °C normally polluted air max. 95% RH, no condensation
Mechanical Connection technology Housing Cover color Weight		screw terminals 2,5 mm ² ABS 75 x 75 x 27 mm, socket PC (black) pure white like RAL9010 or pearl white like RAL1013 about 75 g

Product features

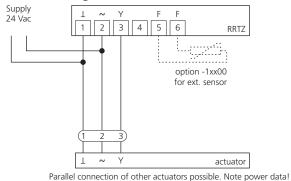
Application	The RRTZ is used explicitly when an fan coil is rebuild into continuous electric linear actators with pneumatic linear drives.	
Control function	1 continuous output with proportional function	
Control signal	010 Vdc with Z-characteristic	
Power supply	24 Vac	

Order information

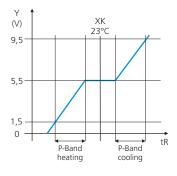
Item number	signal	range Vari	ant
RRTZ/23.5-00100 RRTZ/23.5-01100 RRTZ/23.5-10100 RRTZ/23.5-11100	1,55,59,5 Vdc 1,55,59,5 Vdc 1,55,59,5 Vdc 1,55,59,5 Vdc	1828 °C 1828 °C 1828 °C 1828 °C	internal sensor, pure white internal sensor, internal setting, pure white for external sensor, outside setting, pure white for external sensor, internal setting, pure white
RRTZ/23.5-00000 RRTZ/23.5-01000 RRTZ/23.5-10000 RRTZ/23.5-11000	1,55,59,5 Vdc 1,55,59,5 Vdc 1,55,59,5 Vdc 1,55,59,5 Vdc	1828 °C 1828 °C 1828 °C 1828 °C 1828 °C	internal sensor, pearl white internal sensor, internal setting, pearl white for external sensor, outside setting, pearl white for external sensor, internal setting, pearl white



Connection diagram



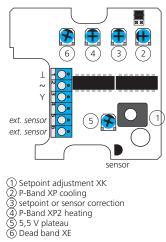
Function diagramm RRTZ (clamp 3)



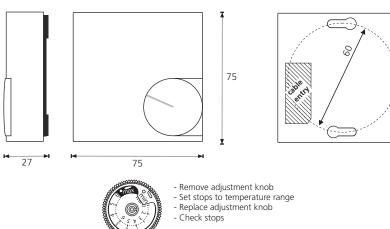
Attention:

The characteristic curve is determined by the factory settings of trimmers 2, 4, 5 and 6. These should not be set or only by trained personnel

Circuit Board



Dimensions and drilling plan



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