

Abb. RW5-D/0.50



Abb. RW5-D/0.50-A4015

Controller wall mounting with digital display RW 5-D

continuous output signal with settable P-Band
 internal or external sensor Djadun F./11
 direction switchable, heating or cooling
 signal limiter for minimal or maximal flap opening
 Industrial housing 125 x 85 (125) x 58 (70) mm, IP54

Technical data

| | | |
|------------|--|--|
| Electrical | Power supply Power consumption Output signal limiter | 230 Vac, 50 Hz < 2,5 VA 0...10 Vdc, max. 2 mA for minimal or maximal flap opening |
| Functions | Adjustment range Directional cooling / heating * Setpoint correction SK P-Band XP Temperature probe * Values can be parameterised | see order information K = tR increases - Y increases, H = tR increases - Y decreases ±5 K, adjustable internally 1...10 K (factory setting FS 2 K) integrated or external sensor Djadun (series F..11) see page 2 |
| display | Digital display LED 3 digits Resolution Bar graph display | for programming and temperature display 0,1 K display of control deviation |
| Safety | Protection type / class EMC CE conformity Ambient temperature | IP54 / II EN 60730-T1 / VDE 0700 EN 55011:2011-04, 55011-103:2013-02 according to 2014/30/EU operation 0...50 °C; storage -10...+70 °C |
| Mechanical | Connection technology Housing cable entry Gewicht | screw terminal 4 mm ² 125 x 85 (125) x 58 (70) mm, ABS (grey) Cable cland M20 x 1,5, M12 x 1,5 about 400 g |

Safety information

WARNING! DANGER OF ELECTRIC SHOCK. Dangerous electrical voltage!
Switch off the power before opening the device!

Connection and repairs may only be carried out by a qualified electrician!
 The existing safety regulations (e.g. VDE 0100, EN 60730-T1) as well as regulations of the local energy suppliers must be observed. Faults during connection can lead to the destruction of the controller and / or the connected peripheral devices!

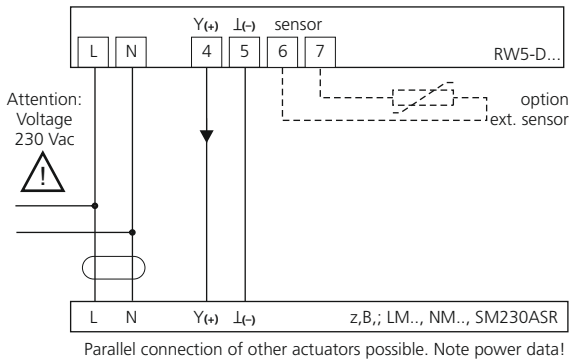
Produktmerkmale

| | |
|------------------|---|
| application | For control of continuous actuators and continuously controllable e-heaters in ventilation and air conditioning systems in industrial buildings, farms and in the marine sector |
| Control function | 1 continuous output with proportional function, with min. or max. limiter |
| Power supply | 230 Vac |

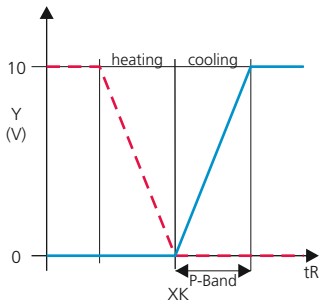
Order information

| Item number | signal | range | Variant |
|------------------|------------|-----------|---------------------|
| RW5-D/0.50 | 0...10 Vdc | 0...50 °C | for external sensor |
| RW5-D/0.50-A4015 | 0...10 Vdc | 0...50 °C | internal sensor |

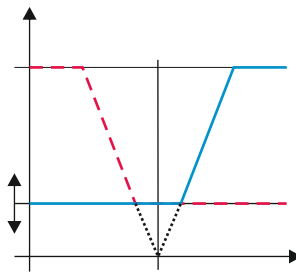
Connection diagram



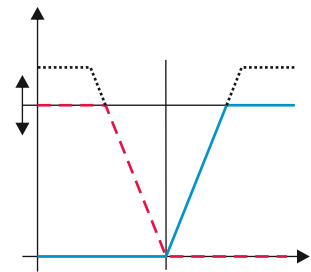
Function diagram RW5-D



Min.-limiter



Max.-limiter



Parameterization

Mode cooling/heating

Press button 4 (3 sec.), Then set trimmer „spreading“ heating (left stop) or cooling (right stop) indicator in display H - C = heating, C - H (cooling)

Confirm with key 4 (3 sec.) And continue to move

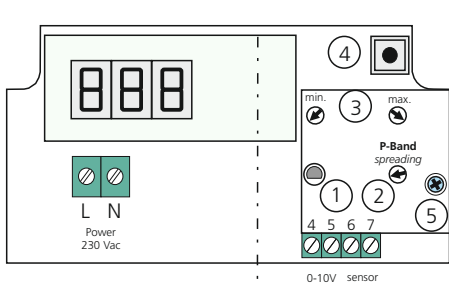
Set trimmer "spreading" 0 ... 10 V (left stop) or 10 ... 0 V (right stop) indicator in display 0 - 1 = 0...10 V, 10 - 0 (10...0 V)

Confirm with key 4 (3 sec.) and display „End“ = Storage of the parameters.

do not forget! After parameterisation, readjust spreading.

Direction signal output

Circuit Board RW5-D



- ① Setpoint adjustment
- ② P-Band „spreading“
- ③ Min. Max trimmer
- ④ key parametrization
- ⑤ setpoint or sensor correction

Dimensions

