

6 Technical data

Control element

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|--------------------------------|---|--|
| AC power supply | Rate voltage | AC 230 V (min. AC 110 V), 50/60 Hz |
| | Power consumption | Max. 3VA |
| | Maximum allowable input load | Current through phase input (L) terminal Max. 7 A (Fan + Valve + Electric Auxiliary Heating) |
| KNX supply | KNX bus voltage | 21...31 V DC |
| | Current consumption via bus | < 12 mA |
| | Power consumption via bus | Maximum 250 mW |
| Wiring | Wiring cross section on L, N, F1, F2, F3, VA, VB | 1 x 0.5...2.5 mm ² Ø |
| | Wiring cross section on COM, E1, E2, 0~10VA, 0~10VB, KNX+, KNX- | 1 x 0.5...1.5 mm ² Ø |
| Outputs | Control output on F1 / F2 / F3 / VA / VB / RO | AC 230 V / Min. 8.3 mA, Max. 5(2) A; [Resistive (Inductive)] |
| | Max. total load current through terminal "L" (Fx + Vxx) | Max. 7 A |
| | Control output on 0~10VA / 0~10VB | SELV DC 0...10 V; 1.5 mA (Max) (Load resistance shall > 10 K Ω) |
| Inputs | NTC/Binary Input on E1 / E2 | 10V/1mA |
| | Input cable length | Maximum 30 m |
| Operating and display elements | Programming button/LED | For assignment of the physical address |
| Electrical | Endurance | To IEC 60669-2-5 |
| Degree of protection | IP 20 | To EN 60529 |
| Protection class | II | To EN 60730-1 |
| Isolation category | Overvoltage category III | To EN 60664-1 |
| Pollution degree | 2 | To EN 60664-1 |
| Temperature range | Operation | - 5 °C...+50 °C |
| | Storage | -25 °C...+55 °C |
| | Transport | -25 °C...+70 °C |
| Ambient conditions | Maximum air humidity | 95 %, no condensation allowed |
| | Maximum air pressure | Equivalent to 2000 m altitude |
| Mounting type | | BS standard |
| Mounting depth in mm | | Min 40mm depth box |
| Mounting position | | Vertical |
| Dimensions | | 86mmL x 86mmW x 16mmD |
| Housing/color | | Plastic housing/ Black & White |
| Weight | in kg | 0.25 |
| Approvals | Certification | KNX acc. to EN 50090-1, -2 |

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| CE mark | In accordance with the EMC guideline and low voltage guideline |
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No internal fuse, use max. C 10 A circuit breaker for external protection

For Standalone version

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| Inputs | Input on E1 | Window contact |
| | Input on E2 | NTC10-01:10K (B-Constant at 50°C=3936~3976) |