

Data sheet
RATIO®-radio bus system
Flush mounted switch actuator 2-channel UPS230/02



The Ratio®-flush mounted switch actuator 2-channel UPS230/02 is a device for in- or on-wall mounting. Two groups of electric devices can be switched via the outlets by means of Ratio® radio senders.

According to parameterization, the outlets are assigned different functions such as e.g. key sequences or switch-off delays of 10 minutes, which means that the Ratio® switch actuator consists of the device itself (hardware) and the application program (software).

| Technical Data | Flush mounted switch actuator 2-channel UPS230/02 | | Remarks | |
|--|---|---------------------------|---|----------|
| Functions | Switching On / Off impulse switch step switch Stairway light 0.5..20Min. | | Parameters by means of learned-in radio transmitters. See in addition the manual. | |
| Radio technology | Protocol EnOcean, | | Frequency 868,3MHz | |
| Operating data | Rated voltage | 230V 50/60Hz | Rated current | 0,5A |
| | Idle current consumption | ca. 20mA, | Power input | ca. 25mA |
| | Power Input | ca. 4VA | Power loss | ca. 0,9W |
| Security | By external automatic cotout 13A Typ C | | | |
| Load exit | 2 pce. closing contacts potential-free, Rated current 6A / 230VAC | | | |
| Connection power by 35°C ambient temperature | Ohmic load: | 1300W | Incandescent lamp | 500W |
| | Leuchtstofflampen | 90VA | EVG | 30VA |
| | Inductive Load (cosφ=0,8) | 220VA | Capacity load. | 10uF |
| Switching attitude | parametrisable | | | |
| Serving and display elements | 1 button „LRN“, 1 button „CLR“, 1 button LED „LRN“, 1 button LED “CLR” | | | |
| Connection | screw clamp 4mm ² | | You can easily clamp two 1,5mm ² wires | |
| Mechanical Data | Casing: plastic Lexan, Weight: 80g | Dimensions: D=51mm H=25mm | | |
| Mounting / Assembly/ Installation | Flush or surface mounting | | e.g. behind a socket or in a synthetic casing | |
| Environmental conditions | Environmental temperature in operation -20°C ... +40°C Storage temperature -40°C ... +85°C Relative humidity (non-condensing) 5 ... 90% | | | |
| Protection category | IP20 after EN 60529 | | | |
| Norm conforming assembly | Device conforms to EN 090-2-2 and EN 60669-2-1 | | | |
| Approbation | TUV, R&TTE guidelines 1999/5/EC and conforming to EU regulations. ROHS conforming according to 2002/95/EC. | | | |
| Labeling | According to EMV guidelines (residential and functional buildings), low voltage guideline. ROHS conformal after 2002/95/EC. | | | |

Safety references

The installation of this equipment may take place only via proven technical personnel.
 Before working on the equipment the current supply must be switched off.
 The valid safety and rules for the prevention of accidents are to be considered compellingly.

Area of application

- The equipment may only
- To be used for the regulation-moderate employment
 - To be installed firmly in a dry an clean environment
 - To be installed in such a way that an access is possible only with a tool

| Diagram of connections | Designation | Typ | Article number |
|------------------------|--|-----------|----------------|
| | Flush mounted switch actuator 2-channel with two closing contacts, supply voltage 230VAC | UPS230/02 | 3103000 |