

**Data sheet**  
**RATIO®-radio bus system**  
**Flush mounted dimming actuator UPD230/01**



The Ratio®-Flush mounted dimming actuator UPD230/01 is a device for in- or on-wall mounting. A group of electric devices – ohmic and inductive – can be switched and dimmed via its outlet by means of Ratio® radio senders.

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

Technical Data	Flush mounted dimming actuator UPD230/01		Remarks
Functions	Switching On / Off Dimming brighter / darker 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	Triac, not potential-free, Rated current 1A / 230VAC		
Connection power by 35°C ambient temperature	Incandescent lamp(ohmic load): 250W	High volt halogen:lamps 100W	0 Stk.
Switching attitude	inductive load 100VA EVG parametrisable		
Serving and display elements	1 button „LRN“, 1 button „CLR“, 1 button LED „LRN“, 1 button LED “CLR”		
Connection	screw clamp 4mm2		You can easily clamp two 1,5mm2 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	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 dimming actuator 1-channel 250W, supply voltage 230VAC	UPD230/01	3201000