

**Data sheet**  
**RATIO®-radio bus system**  
**Flush mounted blinds actuator 1-channel UPJ230/01**



The Ratio® flush mounted blinds actuator 1-channel UPJ230/01 is a device for in- or on-wall-mounting . By means of Ratio® radio senders and via the potential-free output, blinds and doors are lifted and lowered and blinds are adjusted.

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

Technical Data	Flush mounted blinds actuator 1-channel UPS 230/01	Remarks
Functions	Switching On / Off (short key depressing) Adjustment of slats (long key depressing) 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 Idle current consumption . ca. 20mA, Power Input ca. 4VA	Rated current 0,5A Power input ca. 25mA Power loss ca. 0,9W
Security	By external automatic cotout 13A Typ C	
Load exit	2 pce. closing contacts locks, potential-free,	Rated current 6A / 230VAC
Connection power by 35°C ambient temperature	Ohmic load: 1300W Leuchtstofflampen 90VA Inductive Load (cosφ=0,8) 220VA	Incandescent lamp 500W EVG 30VA 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 <sup>2</sup>	You can easily clamp two 1,5mm <sup>2</sup> 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 blinds actuator 1-channel 6A with two locked closing contacts, supply voltage 230VAC	UPJ230/01	3301000