

Data sheet
RATIO®-radio bus system
Switch actuator 8-fold REGS24/02



The Ratio®-switch actuator 8-fold REGS24/02 is a device for distributor mounting. By means of Ratio® radio transmitters (Piezo- and solar radio transmitters), eight different and independent electric users can be switched. Up to 30 different senders (wall mounted sender, windows contact, temperature sensor, motion detector, industrial transmitter) can be programmed.

The Ratio®-switch actuator REGS24/02 can be linked by a cable 1x2x0.75mm², the ASB-Bus, with up to 7 other REG switch actuators.

According to parameterization, the outlet is assigned different functions such as e.g. key sequences or switch-off delays, which means that the Ratio®-switch actuator REGS24/021 consists of the device itself (hardware) and the application program (software). By means of a separate software program the optional functions can be parameterized

Technical Data	Switch actuator 8-fold REGS24/02	Remarks
Functions	Switch On / Off, Impuls switch step switch, stairway light 0,5..20Min	Parameters by ASB-Softwaretool
Radio technology	Protocol EnOcean,	Frequency 868,3MHz
Operating data	Rated voltage 24VDC, Idle current consumption . ca. 20mA, Power input ca. 4VA	Rated current 0,5A Power input ca. 80mA Power loss ca. 0,9W
Security	By external automatic cotout 13A Typ C	
Load exit	Closing contacts potential-free to 4x2,	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“ 4 pce. LED ever for channel 1-8	
Connection	Screw clamp 4mm ²	You can easily clamp two 1,5mm ² wires
Connection communication ASB bus	Screw clamp 0,75mm ² for cross-linking over RF bus.	
Receiving frequency / antenna	868,3MHz/antenna internally, for assembly e.g. in a metal cabinet the external receipt unit UPASB/01 is to be used as antenna.	
Mechanical Data	Row installation housing according to DIN 43880, Dimensions: BxHxT 70mm x 90mm x 55mm Material: Noryl UL 94-V0H=25mm Weight: 160g	
Mounting / Assembly / Installation	Distributor installation on top hat rail	
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
	Switch actuator 8-fold, 6A with 8 pce. closing contacts potential-free, supply voltage 24VDC	REGS24/02	4104000