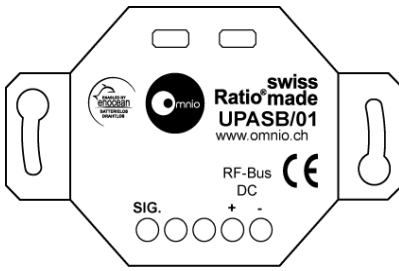


**Data sheet**  
**RATIO®-radio bus system**  
**Receiver unit UPASB/01**



The Ratio® receiver unit UPASB/01 is a device for flush or surface mounting. The receiver unit serves as an active antennae, it receives radio telegrams of Ratio® radio sender and transmits them via the two wire bus RF-bus to the serial mounted radio receiver.

This allows to connect the serial mounted radio receivers (REGS24/01, REGS24/02 und REGJ24/01) and to fit it in places where a radio reception is not possible e.g. in electronic distributors made of steel.

Technical Data	Receiving unit UPASB/01	Remarks
Function	Receiving and transferring RATIO® radio telegrams	
Radio technology	Protocol EnOcean,	Frequency 868,3MHz
Operating data, Feeding by means of bus line	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
Communication bus ASB bus	ASB Protocol	
Maximum cable length ASB bus	15m	
Receiving frequency / antennae	868,3MHz / internal	
Operation and indicator modules	1 item LED „SIG“	
Connection	Screw clamps 4mm2	You can easily clamp two 1,5mm2 wires
Mechanical data	Casing: synthetic Lexan Weight: 80g	Measurements Ø=51mm Height=25mm
Mounting / Assembly	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	IP20 according to 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 guidelines.	
Labeling	According to EMV guidelines (residential and functional buildings), low voltage guideline. ROHS conforming according to 2002/95/EC.	

**Safety references**

The installation of this device may only be done by certified professionals.  
 Before working with the device, turn off the electricity supply.  
 The prevailing safety and accident prevention regulations must be observed.

**Area of applications**

The device may only be

- applied in the intended area of use
- installed fixedly in a dry and clean environment,
- installed in a way that it can only be accessed by using appropriate working tools.

Diagram of connections	Designation	Type	Article number
	Ready to receive for serial mounted devices	UPASB/01	4900000