

## Fan Speed Switch

**RAB91**

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Simple fan speed switch with three speed-levels (0-I-II-III)

### Use

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The RAB91 is used in heating or cooling systems to select the fan speed. Typical use can be in commercial, residential or light industrial buildings.

## Mechanical design

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The unit consists of a base plate and a top cover.  
The fan speed can be selected with a 4-position-slider-switch (0-I-II-III).

## Accessories

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<i>Functionality</i>	<i>Order number (ASN)</i>
Adapterplate 120 x 120 mm for 4" x 4" conduit boxes	ARG70
Adapterplate 96 x 120 mm for 2" x 4" conduit boxes	ARG70.1

## Notes

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### **Caution 250 V**

The unit can be fitted to most commercially available recessed conduit boxes or directly on the wall.

Only authorized personnel may open the unit to perform service.  
The unit must be isolated from the mains supply before opening.

When installing the unit, fix the base plate first then hook on the fan speed switch body and make the electrical connections. Then fit the cover and secure it.

The fan speed switch must be mounted on a flat wall.

The local electrical regulations must be complied with.

The fan speed switch is maintenance-free. The housing is plastic.

## Ordering

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<i>Typ (ASN)</i>	<i>Partnumber (SSN)</i>	<i>Description</i>
RAB91	S55770-T231	Room thermostat RAB91

## Disposal


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The devices are considered electronics devices for disposal in term of European Directive 2012/19/EU and may not be disposed of as domestic waste.

- Dispose of the device via the channels provided for this purpose
- Comply with all local and currently applicable laws and regulations.

## Technical data

Power supply		Switching capacity	
		Voltage	AC 24...250 V
		Current	0.2...6(2.5) A
		Frequency	50 or 60 Hz
		Screw terminals for	2 x 1.5 mm <sup>2</sup> (min. 0.5 mm <sup>2</sup> )
Environmental conditions		Operation	According to IEC 60721-3-3
		Climatic conditions	Class 3K5
		Temperature	-10...+50 °C
		Humidity	<95 % r.h.
		Pollution degree	normal, according to EN 60730-1
		Transport / Storage	to IEC 60721-3-2
		Climatic conditions	Class 2K3/1K3
		Temperature	-20...+50 °C
		Humidity	<95 % r.h.
		Mechanical conditions	Class 2M2
Industry standards		EU Conformity (CE)	CE1T3015xx <sup>*)</sup>
		RCM Conformity	CE1T3015en_C1 <sup>*)</sup>
		Safety standard	II to EN 60730-1
		Degree of protection of housing	IP30 to EN 60529
Environmental compatibility		The product environmental declaration CE1E3561 <sup>*)</sup> contains data on environmentally compatible product design and assessments (RoHS compliance, materials composition, packaging, environmental benefit, disposal).	
Mechanical design		Weight	0.12 kg
		Colour	white, NCS S 0502-G (RAL 9003)

\*) The documents can be downloaded from <http://siemens.com/bt/download>.

