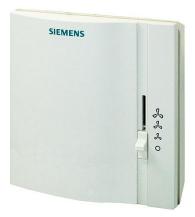
SIEMENS



Fan Speed Switch

RAB91

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

Use

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.

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

	<i>Functionalitiy</i> Adapterplate 120 x 120 mm for 4" x 4" conduit boxes Adapterplate 96 x 120 mm for 2" x 4" conduit boxes	<i>Order number (ASN)</i> ARG70 ARG70.1
Notes		
	The unit can be fitted to most commercially available rece on the wall.	essed conduit boxes or directly
\land Caution 250 V	Caution 250 V 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

Тур (ASN)	Partnumber (SSN)	Description
RAB91	S55770-T231	Room thermostat RAB91

Disposal



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.

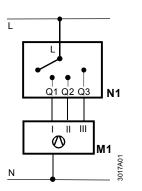
2/4

Technical data

Power supply	Switching capacity Voltage Current Frequency	AC 24250 V 0.26(2.5) A 50 or 60 Hz
Environmental conditions	Screw terminals for Operation Climatic conditions Temperature Humidity Pollution degree	2 x 1.5 mm ² (min. 0.5 mm ²) According to IEC 60721-3-3 Class 3K5 -10+50 °C <95 % r.h. normal, according to EN 60730-1
	Transport / Storage Climatic conditions Temperature Humidity Mechanical conditions	to IEC 60721-3-2 Class 2K3/1K3 -20+50 °C <95 % r.h. Class 2M2
Industry standards	EU Conformity (CE) RCM Conformity	CE1T3015xx ^{°)} CE1T3015en_C1 ^{°)}
	Safety standard Degree of protection of housing	II to EN 60730-1 IP30 to EN 60529
Environmental compatibility	The product environmental declaration CE1E3561 ^{°)} 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 desuments are he developed of from http://gigmans.com/bt/developed	

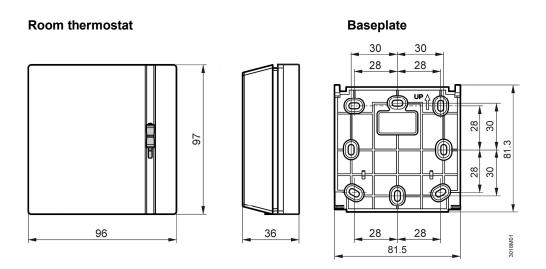
*) The documents can be downloaded from http://siemens.com/bt/download.

3/4



- L Switching voltage max. AC 250 V
- N Neutral
- N1 Fan speed switch
- M1 3-speed fan
- Q1 Control output fan speed I
- Q2 Control output fan speed II
- Q2 Control output fan speed III

Dimensions



Remarks

Heating:

Because of the unavoidable self heating effects of the electrical current, any loads of more than 3 Amperes connected to the unit can influence the control behavior and temperature accuracy in a negative way.

Cooling:

Because of the unavoidable self heating effects of the electrical current, any loads of more than 1 Amperes connected to the unit can influence the control behavior and temperature accuracy in a negative way.

4/4