



Environmental Product Declaration

Product	Type of equipment	RXB20.1, RXB21.1, RXB22.1, RXB24.1 RXL20.1, RXL21.1, RXL22.1, RXL24.1 RXM21.1	
	Designation	Room controllers Fancoil IO Box (RXM21.1)	
	Product line	Desigo	
Process control	Siemens Switzerland Ltd Building Technologies Gubelstrasse 22, CH-6301 Zug		
	Management system certified	since	by
	ISO 14001 (environment)	20.10.1998	SQS
	ISO 9001 (quality)	22.07.1986	SQS
Product use	Typical energy consumption	Approx. 26 kWh/a	
	Maintenance	Not required	
Risk of fire	Fire protection according to	EN 60730	
	Fire load	Approx. 12 MJ for RXB2..., RXM21.1 Approx. 7 MJ for RXL2...	
Packaging	Paperboard, cardboard boxes, paper	Folded cardboard box	37 g
	Notes on disposal	Can be recycled (marked on packaging)	

Materials		Total weight of device (*)	631 g
Plastics	(PC+ABS) FR(40) halogen-free, fiberglass-free	housing, slider	114 g
Metals	Steel, nickel-plated	2 screws	2 g
PCB assembled	FR4, containing halogens, SnAgCu solder	circuit board with components (*)	499 g

The total weight of a device may deviate from the total of the weights of all individual components due to rounding.

Special components			
Relays, AgSnO ₂ , AgNi contacts		4 pcs. on circuit board (*)	(40 g)
Transformer, with synthetic resin (only RXB2..., RXM21.1)		1 pce. on circuit board (*)	(329 g)
Various connectors, 4-5% antimony trioxide		5 pcs. on circuit board (*)	(61 g)

Weights in brackets are already included in components declared under materials. (part of the assembled PCB).

(*) Materials depending on type

Type	RXB20.1	RXB21.1	RXB22.1	RXB24.1	RXM21.1
Total weight	563 g	599 g	615 g	553g	631g
Circuit board with components	447 g	483 g	499 g	437g	514g
Relays	1 pce.	3 pcs.	4 pcs.	0 pce.	3 pcs.
Various connectors	3 pcs.	4 pcs.	5 pcs.	3 pcs.	4 pcs.

Type	RXL20.1	RXL21.1	RXL22.1	RXL24.1
Total weight	234g	270g	286g	224g
Circuit board with components	118g	154g	170g	108g
Relays	1 pce.	3 pcs.	4 pcs.	0 pce.
Various connectors	3 pcs.	4 pcs.	5 pcs.	3 pcs.

Disposal



The device is classified as waste electronic equipment in terms of the European Directive 2002/96/EC (WEEE) and must not be disposed of as unsorted municipal waste. The relevant national legal rules are to be adhered too. Regarding disposal, use the systems setup for collecting electronic waste.
Observe all local and applicable laws.

Comments

Materials

EU-directive 2002/95/EC (RoHS)

The device is free from substances banned by the EU-Directive 2002/95/EC (RoHS) - allowing for the exemptions acc. to Decision 2010/571/EU:

Pb, Hg, Cr6+, PBB, PBDE: <0.1% by weight in homogeneous materials and Cd: <0.01% by weight in homogeneous materials

The device is halogen-free except the PCBs (TBBA).

The device is antimony-free.

Environmental benefits

The use of individual room controllers can reduce energy consumption and costs by 10 to 20%.

Legal Disclaimer: This declaration is for information purpose only.

This Environmental Product Declaration does not constitute a guarantee of the composition of a product, neither does it guarantee that the product will retain a particular composition for a particular period. Siemens Switzerland Ltd therefore does not assume liability for any error or for any consequences which may arise from the use of this information to the maximum extent under the law.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.