



Environmental Product Declaration

Product	Type of equipment / Product No.	RDF300.02/VB RDF302/VB	Semi-flush mounted Room Controller Semi-flush mounted Room Controller
	Product line, product range		
Process control	BSCE 1, Fengzhi East Road, Xibeiwang, Haidian District 100094, BEIJING / China		
	Management System	since	by
	ISO 9001 (Quality)	06.01.2001	LPCB
	ISO 14001 (Environment)	05.07.2005	SGS
	OHSAS 18001 (OH&S)	12.12.2011	SGS
Environmentally compatible product design	Product responsibility of Siemens covers the entire product life cycle. Siemens already assesses, avoids and minimizes the environmental impact of its products with respect to production, procurement, sales, use, services and disposal during the product and process planning phases by complying with Siemens EP Standard (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".		
Product use	Typical energy consumption	18kWh/a	
	Maintenance	Not necessary Not necessary	
Risk of fire	Fire protection according to	EN 60730	
	Fire load	variant *) see below	
Packaging	20-PAP Corrugated fiber board	Cut box	36g
	20-PAP Corrugated fibreboard	Inlay	28g
	22-PAP Paper	Manual	11g
	2-HDPE High density polyethylene	Screw	11g
	Notes on disposal	One-way, recyclable	
Materials	Total weight of device	variant *) see below	
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
Plastics	ABS; halogenated	Front case	10g
	PC; halogenated	lcd lens	8g
	ABS; halogenated	Buttons	7g
	ABS; halogenated	back cover	20g
	PC; halogenated	Header Guard	1g
	PC; halogenated	Modbus RDF Housing	variant
Metals	Steel ; zinc plated	PCB Screw	1g
Others	LCD 43.8x57 Glass-Thickness=2.2mm Type=TN Mode LCD > 100 cm ²		15g

	Stranded Wire Option : Stranded Wire UL1015 AWG24 Cable / wire		1g
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PCBAs (Printed Circuit Board assembled)	FR4; halogenated; solder SnAgCu	EM3008-03-003 (logic PCB board)	variant
	FR4; halogenated; solder SnAgCu	EM4526-01-001(relay PCB board)	34g
	FR4; halogenated; solder SnAgCu	EM3009-02-003(power PCB board)	variant

Disposal

The device is classified as waste electronic equipment in terms of the European Directive 2012/19/EU (WEEE) and must not be disposed of as unsorted municipal waste. Regarding disposal, use the systems setup for collecting electronic waste. Observe all local and applicable laws.

Comments

EU-directive 2011/65/EU (RoHS)

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive, including the 4 phthalates added to Annex II in 2015.

Regulation (EC) No. 1907/2006 (REACH)

To the best of our knowledge and according to the information of our suppliers the above mentioned device and its packaging contain no substances of the candidate list according to Article 59 (1, 10) of the regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w. Contained REACH candidate substances, which will become known at a later date, are listed on the delivery note.

(Status according to the creation date of this document.)

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.
 BSCE 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.