EPD - Type II Based on ISO 14021



### Environmental Product Declaration

Product

Type of equipment / RDF302.B Product No.

Semi-flush mounted Room Controller

Product	Type of equipment / Product No.					
	Designation					
	Product line, product range RDF					
Process control	Siemens Switzerland Ltd.					
	Building Technologies Division					
	Theilerstrasse 1a					
	CH-6300 Zug, Switzerland					
	Management System	since	by			
	ISO 14001 (Environment)	05.07.2005	SGS			
	ISO 9001 (Quality)	08.05.2017	SGS			
	OHSAS 18001 (OH&S)	12.12.2011	SGS			
Environmentally compatible product design	Product responsibility of Siemens covers the entire p environmental impact of its products with respect to product and process planning phases by complying Environmentally Compatible Product and System De	production, procurem with Siemens EP Sta	ent, sales, use, services and disposal during the			
Product use	Typical energy consumption	36kWh/a		_		
	Maintenance	Not necessary On notice				
Risk of fire	Fire protection according to	EN 60730-1				
RISK OF HIE	Fire load	4MJ				
		41015				
Packaging	20-PAP Corrugated fiber board	Folded box	33	g		
	20-PAP Corrugated fiber board	Inlay				
	22-PAP Paper	Manual	18	g		

	Notes on disposal	One-way, recyclable					
Materials	Total weight of device		177g				
		The total weight of a device may deviate from the total of the weights of all individual compo	onents due to rounding.				
Plastics	ABS; halogen-free	Front Case	10g				
	ABS; halogen-free	Rear Housing	22g				
	ABS; halogen-free	Back Cover	20g				
	PC; halogen-free	LCD Lens	8g				
	ABS; halogen-free	Buttons	6g				

Metals

Steel; galvanized Steel; Tin plated Screw LCD Bracket 2g 5g

Others

43.8 x 57 Glass Thickness=2.2mm, Type = TN,Mode = LCD UL1015, AWG24 Standard Wire Cable / wire 15g 2g

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PCBAs (Printed Circuit Board	FR4; TBBA; solder SnAgCu	Logic	20g
assembled)	FR4; TBBA; solder SnAgCu	Relay	30g
	FR4; TBBA; solder SnAgCu	Modbus	18g
	FR4; TBBA; solder SnAgCu	SMPS	19g

Special components (part of the assembled PCB)

#### \*Variant parts list

Total weight of device Front Case Rear Housing Back Cover LCD Lens Buttons

Screw LCD Bracket

[9]	RDF302.B						
	177						
	9						
	22						
	20						
·	8		 	 		 	
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### EPD - Type II Based on ISO 14021

LCD	15						
Cable / wire	2						
Logic	20						
Relay	30						
Modbus	18						
SMPS	19						
Fire load [MJ]	4						
Typical energy consumption							
	00						
[kWh/a]							
Special components (part of the							
[pcs]							

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Packaging	•			•	•	•	•	•	•
Packaging Folded box	[g]	33							
Inlay	·	35							
Manual		18							
	-			•	•	•	•	•	•

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.)

The device is halogen-free.

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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.

19.12.2018