



Environmental Product Declaration

Product	Type of equipment / Product No. RDF870KN RDF870MB	Semi-flush mounted Room Controller 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 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 62kWh/a Maintenance Not necessary On notice	7
Risk of fire	Fire protection according to EN 60730 Fire load 3MJ	
Packaging	20-PAP Corrugated fiber board Folded box 20-PAP Corrugated fiber board Inlay 22-PAP Paper Manual 2-HDPE Screw	36g 39g 25g 9g
Materials	Notes on disposal One-way, recyclable 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	PC	Front Housing	7g
	PC	Adaptor Plate	21g
	PC	Isolation Plate	4g
	PC	Rear Housing	13g
	PC	Header Guard	1g
	PET	PET Film	1g
Metals	Steel	PCB Screw	1g
Others	LCD 80.4x101.35 Glass-Thickness=4.8mmType=TN Mc LCD > 100 cm ²		45g
	UL1569, AWG22 Standard Wire	Cable / Wire	2g
PCBAs (Printed Circuit Board assembled)	FR4; halogenated; solder SnAgCu	PCB Logic board PCB for RDF870KN	variant
	FR4; halogenated; solder SnAgCu	PCB Logic board PCB for RDF870MB	variant
	FR4; halogenated; solder SnAgCu	PCB Power board for RDF870 series (SMPS)	19g
	FR4; halogenated; solder SnAgCu	PCB Relay board for RDF870 series	28g
Special components (part of the assembled PCB)			

*Variant parts list

	RDF870KN	RDF870MB												
[g] Total weight of device	164	162												
Front Housing	7	7												
Adaptor Plate	21	21												
Isolation Plate	4	4												
Rear Housing	13	13												
Header Guard	0	0												
PET Film	1	1												
PCB Screw	0	0												
LCD > 100 cm ²	45	45												
Cable / Wire	2	2												
PCB Logic board PCB for RDF870KN	23													
PCB Logic board PCB for RDF870MB		21												
PCB Power board for RDF870 series (SMPS)	18	18												
PCB Relay board for RDF870 series	28	28												
Fire load	[MJ] 3	3												

