



## *Environmental Product Declaration*

### Product

Device type	RDD.. RDE...
Designation	Programmable Room Thermostats
Product range	RDD10/10.1/RDE10/10.1/20.1

### Process control

Siemens Building Technologies Ltd.  
16/F Laford Centre, 838 Lai Chi Kok Rd., Kln., Hong Kong

### Product use

Typical energy consumption per year	<b>Battery powered: Equipped with AAA batteries</b> <b>Main powered: &lt; 35kVAh / year</b>
Maintenance	<b>Battery powered: Change batteries approx. every 1.5 years</b> <b>Main powered: no maintenance</b>
Environmental benefits	<b>see notes on page 2</b>

### Environmental risk (fire)

Fire protection as per	<b>EN60730</b>
Fire load	<b>appr. &lt; 4 MJ</b>
Parts containing halogens (result in corrosive smoke)	<b>PCB</b>

### Packaging

Paperboard, cardboard boxes, paper	<b>Single packing made of carton, paper ≤ 20g</b>
Blister Tray for OEM variants	<b>PET-G &lt; 38g</b>
Notes on disposal	<b>Can be recycled</b>

<b>Materials</b>		total weight of device	≤220 g
Plastics	PC + ABS Halogen free	Front housing	≤32 g
	PC + ABS Halogen free	Middle Housing	≤24 g
	PC + ABS Halogen free	Base Plate	≤40 g
	PC + ABS Halogen free	Keys	2 g
Metals	Brass, nickel plated	Terminal plate	4 g
	SECC*, electrolytic with zinc plated	Terminal box	3 g
	Mild steel, nickel plated	Terminal screw	5 g
Circuit boards with components	FR4 containing brominated flame retardant / components mounted with SnPb37 solder	Main PCB	≤30 g

<b>Special Components</b>	Batteries (type AAA)	< 26 g
	LCD	< 12 g

Remark: SECC Material commodity: Electrolytic Zinc-coated steel sheet in coil, Unizinc (Base Metal cold rolled) Specification: JIS G3313 SECC coating weight E16-E16 Chemical Treatment C2/C2

(Weights in brackets are included in already under materials declared components)

### Disposal



Do not dispose of the device as part of standard household garbage, but as special waste from electrical and electronic components. This particularly applies to electronic circuit boards.

Additionally, the law may mandate special treatment for specific components or special treatment may be ecologically sensible.

**Observe all local and applicable laws!**

### Notes

#### Materials:

Listed weights are maximum ratings, covering all units marked with RDD/RDE..

#### Environmental benefits:

Minimisation of energy consumption in heating systems. Energy saving mode reduces power consumption.

#### Legal disclaimer: This declaration is for information purposes only

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If you require further information on environmental aspects and disposal, contact your local Siemens branch office.