



Environmental Product Declaration

Product	Type of equipment	RWD32
	Designation	Controller with two digital outputs
	Product line	Universal controller for HVAC systems
Manufacturer	Siemens BuildingTechnologies Ltd. Unit 1006-10, 10/F, China Resources Building, 26 Harbour Road, Wanchai, Hong Kong	
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 Siemens Standard SN 36350 "Environmentally compatible products".	
Product use	Typical energy consumption per year	57 kWh/a
	Maintenance	Not necessary
Risk of fire	Fire protection according to	EN 60730
	Fire load	10 MJ
Packaging	20-PAP Corrugated fiber board	Single unit in folded box 72 g
	Notes on disposal	One-way, recyclable

Materials			Total weight of device	489 g
Plastics	PC	halogen-free	Top housing	108 g
	PC	halogen-free	Bottom housing	70 g
	Q silicone rubber	halogen-free	Silicon buttons	3 g
Metals	Steel	zinc plated	8 screws T2.6 x 6	3 g
	Steel	nickel plated	2 screws T3 x 24	2 g
	Steel	zinc plated	2 screws T3 x 8	1 g
PCB assembled	CEM3, TBBA, SnAgCu		Power board	237 g
	FR4, TBBA, SnAgCu		CPU board	66 g

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

Special components			
Relay, contacts AgNi0.15	2 pcs		(16 g)
LCD 21 cm ²	1 pcs		(14 g)
Ribbon cable, PVC/Cu	7 cm		(7 g)
Metal bracket	Steel/zinc plated		(19 g)

Weights in brackets are already included in components declared under materials.

Disposal



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

Comments

Materials:

The device is free from substances banned by the Directive 2002/95/EC (RoHS):

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

Cd: < 0.01 % by weight in homogeneous materials.

The device is halogen-free excepted the PCBs (TBBA and 7 cm PVC cable)

Legal disclaimer: This declaration is for information purposes 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 Building Technologies 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.