



Environmental Product Declaration

Product	Type of equipment	DC1131-AA / DC1157-AA DC1134-AA / DC1156-AA DC1136-AA / DC1154-AA	
	Designation	Input module Output module In+Output module	
	Product line	DS11	
Process control	Siemens Switzerland Ltd. Building Technologies Group Gubelstrasse 22 CH-6301 Zug		
	Management system certified	since	by
	ISO 14001 (environment)	06.12.2002	Gerling Cert
	ISO 9001 (quality)	06.11.1989	SQS/VdS
Environmentally compatible product design	Product responsibility of Siemens covers the entire product life cycle. Siemens already assess, 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	0.04 - 0.1 kWh/a	
	Maintenance	Not necessary	
Risk of fire	Fire load	2 MJ	
Packaging	20-PAP Corrugated fibre board	Folding box board DC..-AA 10 22 g	
	Notes on disposal	One-way, recyclable	

Materials			Total weight device	chart*	
Plastics	ABS	halogen-free	Ground plate DC..-AA	22 g	
	PC	halogen-free	Cover DC11..-AA	20 g	
Others	PA6.6/CuCrNi	1 pc. or 2 pcs.	Terminal ass. DC 11..-AA 6-POL.	chart*	
PCB assembled					
	FR4	TBBA	SnPb	Printed board ass. DC 1131-AA	chart*
	FR4	TBBA	SnPb	Printed board ass. DC 1157-AA	chart*
	FR4	TBBA	SnPb	Printed board ass. DC 1134-AA	chart*
	FR4	TBBA	SnPb	Printed board ass. DC 1156-AA	chart*
	FR4	TBBA	SnPb	Printed board ass. DC 1136-AA	chart*
	FR4	TBBA	SnPb	Printed board ass. zu DC 1154-AA	chart*

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

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.

*Variant parts list

	DC1131-AA	DC1157-AA	DC1134-AA	DC1156-AA	DC1136-AA	DC1154-AA
Total weight of device	57 g	62 g	62 g	66 g	62 g	62 g
Terminal ass. DC 11..-AA 6-POL.	5 g	10g /2pcs.	5 g	5 g	10g /2pcs.	10g /2pcs.
Printed board ass. DC 1131	10 g	----	----	----	----	----
Printed board ass. DC 1157-AA	----	10 g	----	----	----	----
Printed board ass. DC 1134	----	----	15 g	----	----	----
Printed board ass. DC 1156-AA	----	----	----	19 g	----	----
Printed board ass. DC 1136	----	----	----	----	10 g	----
Printed board ass. zu DC 1154-AA	----	----	----	----	----	10 g

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

Accessories:

DCA1191

PC GF 20% 282 g housing with cover DCA1191

Fire load 8.5 MJ

Comments

Materials

The device is antimony-free.

The device is halogen-free except the PCBs (TBBA)

Environmental benefits:

- Serves for the early detection of fires and prevents the discharge of toxic gases.
- Easily removable. Disassembling is possible without any important effects regarding waste disposal.
- Very low energy consumption.

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 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.