



Environmental Product Declaration

Product	Type of equipment	DO11xx, DOT11xx, DT11xx, DB11xx	
	Designation	Automatic fire detectors Detector bases	
	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	See the following pages	
	Maintenance	Periodic factory overhaul (cleaning and re-calibration)	
Risk of fire	Fire load	4.9 MJ	DO11xx
		5.6 MJ	DOT11xx
		4 MJ	DT11xx
Packaging	20-PAP Corrugated fiber board	Packing for 16 detectors	400 g
	4-LDPE	Polyethylene-bag	35 g
Accessories	20-PAP Corrugated fiber board	Packing for 6 bases	52 g
	Notes on disposal	One-way, recyclable	

Materials			Total weight device	chart*
Plastic				
ABS	halogen-free	Cover to DO/DOT/DT11..	15 g	
ABS	halogen-free	Labyrinth DO/DOT11..	chart*	
ABS	halogen-free	Cover ring (Mat.Var.2) DO/DOT/DT 11.. OS	19 g	
ABS** or ABS/PC		Protective cover (Mat.Var.2) DO 11..	chart*	
ABS** or ABS/PC		Protective cover DOT11..	chart*	
ABS** or ABS/PC		Protective cover DT11..	chart*	
ABS/PC		Ntc-support ass. zu DOT11.. (1NTC 30k)	chart*	
ABS** or ABS/PC		Ntc-support ass. zu DT11.. (1NTC 30k)	chart*	
PPO	halogen-free	Support DT 11..A	chart*	
PPO	halogen-free	Support DO/DOT11..	chart*	
Metals				
Brass	tin-plated	Schiending sheet metal SDF../DO11..A/DOT	chart*	
Others				
ABS, stainless steel		Screen DO/DOT11	chart*	
PCB assembled				
FR4	TBBA	SnPb	Printed circuit board ass DO1101A,OP620c	23 g

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

ABS**) halogen-free

*Variant parts list

	DO11xx	DOT11xx	DT11xx
Total weight of device	148 g	162 g	115 g
Protective cover (Mat.Var.2) DO 11..	25 g	----	----
Protective cover DOT11..	----	20 g	----
Protective cover DT11..	----	----	21 g
Ntc-support ass. zu DOT11.. (1NTC 30k)	----	20 g	----
Ntc-support ass. zu DT11.. (1NTC 30k)	----	----	20 g
Support DT 11..A	----	----	17 g
Support DO/DOT11..	32 g	31 g	----
Labyrinth DO/DOT11..	14 g	14 g	----
Schiending sheet metal SDF../DO11..A/DOT	7 g	7 g	----
Screen DO/DOT11	13 g	13 g	----

Typical energy consumption per year

DO110x	DO113x	DO115x	DO1161	DOT1131	DOT115x	DT110x	DT113x	DT115x
Wh/a								
20	47	66	66	47	79	20	47	66

Accessories

DB11xx	Detector bases DS11		Weight	Fire load
	Support panel 0-486394B1 BL.1 B (WZ I)	ABS, TPU	42 g	1.6 MJ
	Terminal ass. printed DB 1101A 6-POL.	PA 6.6, Cu, tin-plated	13 g	0.4 MJ
		Total	55 g	2 MJ

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

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.

The device is antimony-free.

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.