



Environmental Product Declaration

Product	Type of equipment / Product No.	OOH740 OOHC740 / OOHC740-CN FDOOT441 OOH941 FDOOTC441 OOHC941	Multi-sensor smoke detector, ASA Neuronal fire detector Multi-sensor smoke detector, ASA Multi-sensor smoke detector, ASA Neuronal fire detector Neuronal fire detector	
	Product line	Global ASA		
	Process control	Siemens Schweiz AG Building Technologies Division Gubelstrasse 22 CH-6301 Zug		
		Management System	since	by
		ISO 14001 (Environment)	20.10.1998	SQS
		ISO 9001 (Quality)	22.07.1986	SQS
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	variant *) see below		
	Fire load	variant *) see below		
Packaging	PE-semi plastic bag	Detector - packing for 1 detector	3g	
	20-PAP corrugated cardboard, paper	Transport- packing with adherence label for 20 detectors	410g	
Materials	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	ABS+PC	Detector housing	34g	
	ABS+PC	Cover	14g	
	ABS	Labyrinth und labyrinth CO detector	variant	
	PC	Light conductor, reception lens	1g	
	PS	Dust cover	4g	
Metals	CuZn37 (C2740/CW508L) ; tape-tin-plates	EMI cover	1g	
Others	ABS (V-0), with TPV (HB)	Support	31g	
	ABS+PC (V-0) with PA / Elasthan	Screen ring with stuff	6g	
PCBAs (Printed Circuit Board assembled)	PPO, Polyester/PTFE	CO gas sensor	variant	
	FR4 / CEM1; TBBA; solder SnAgCu	Printed Circuit Board assembled	variant	

***Variant parts list**

	OOH740	OOHC740 / OOHC740-CN	FDOOT441	OOH941	FDOOTC441	OOHC941
Total weight of device [g]	119	122	122	122	124	124
Labyrinth und labyrinth CO detector	19	18	21	21	21	21
CO gas sensor		2			2	2
Printed Circuit Board assembled	12	13	12	12	13	13
Fire load [MJ]	4	5	5	5	5	5
Typical energy consumption [Wh/a]	50	75	75	75	100	100

Disposal



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

Comments

EU-directive 2002/95/EC (RoHS)

The device is free from substances banned by the EU-Directive 2002/95/EC (RoHS) - allowing for the exemptions acc. to Decision 2010/571/EU:
 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 with exception of:
 PCB (TBBA)

Environmental benefits

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

Legal Disclaimer: This declaration is for information purpose 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 Schweiz AG 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.