



Environmental Product Declaration

Product	Type of equipment	DF1191 / DF1192 / DF1101-EX / DF1151-EX / DFB1190 / DFB1190-AA	
	Designation	Infrared flame detector and base	
	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	0.2 kWh/a	
	Maintenance		
Risk of fire	Fire load	14 MJ (detector and base)	
Packaging	20-PAP Corrugated fibre board	Packing 139x139x49, 2pcs. 104 g	
	Notes on disposal	recyclable	

Materials				Total weight device	chart*
Plastics	PU -resin	halogen- free		nafturan 2272-m komp.b PU-Härter a 25kg	80 g
	PU -resin	halogen- free		nafturan 2272-m komp. a PU-HARZ	157 g
	Q Silicone rubber			Seal to DF 11..	chart*
Metals	G-ALSi 11	galvanized+varnished		Detector cover galvanized+varnished	251 g
	Stainless steel			Shielding plate to DF 119.	22 g
	Stainless steel			Shielding plate large assembled Var.A	104 g
	Stainless steel			Schutzblech DF 119.	11 g
	Steel	zinc plated		Screws	13 g
	Stainless steel			Schlauchbride CS 11	2 g
Others	Sapphire			Sapphire disc DF 11..	2 g
	PVC, Cu			Detector cable	13 g
PCB assembled	FR4	TBBA	SnPb	Sensor board to DF11..	35 g
	FR4	TBBA	SnPb	Processor Board to DF 11..	47 g

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

*Variant parts list

	DF1191	DF1192	DF1101-EX	DF1151-EX
Total weight of device	740 g	743 g	743 g	743 g
Seal to DF 11..	---	3 g	3 g	3 g

Base for infrared flame detector

DFB1190 / - AA

				Total weight device	263 g
Plastics	PC	GF 20%		Housing bottom	203 g
	ABS			Protective cover DFB1190	30 g
Metals	Steel			Screw DM 3,0/11,5 MM A2	6 g
PCB assembled	FR4	TBBA	SnPb	PCB assembled to DFB1190-AA OS	20 g
				Terminal plug assembled	4 g

Accessories:

		Weight	Fire load
MV1 mounting bracket	ABS/PC	294 g	10 MJ
MWV1 ball joint mounting	Steel casting	860 g	-----
DFZ1190 rain hood	Stainless steel	640 g	-----

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.

This declaration is for information purposes only

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Please contact your local Siemens branch office to get further information on environmental aspects and disposal.