



## *Environmental Product Declaration*

<b>Product</b>	Type of equipment	<b>DLO1191A consisting of DLA1191A and DLB1191A</b>	
	Designation	<b>Linear smoke detector consisting of detector unit and base</b>	
	Product line	<b>DS11</b>	
<b>Process control</b>	Siemens Switzerland Ltd. Building Technologies Group Gubelstrasse 22 CH-6301 Zug		
	Management system certified	since	by
	ISO 14001 (environment)	<b>06.12.2002</b>	<b>Gerling Cert</b>
	ISO 9001 (quality)	<b>06.11.1989</b>	<b>SQS/VdS</b>
<b>Environmentally compatible product design</b>	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".		
<b>Product use</b>	Typical energy consumption per year	<b>0.37 kWh/a</b>	
	Maintenance	<b>Not necessary</b>	
<b>Risk of fire</b>	Fire load	<b>13 MJ</b>	
	<b>Packaging</b>	20-PAP Corrugated fibre board	<b>Packing DLA1191</b>
4-LDPE		<b>Plastic bag</b>	<b>5 g</b>
	Notes on disposal	<b>recyclable</b>	

<b>Materials</b>				Total weight device	<b>398 g</b>
Plastics	PPE			Support DLA1191	<b>94 g</b>
	PC			Lens to optik module	<b>11 g</b>
	PPE			Lenses holder to optics module	<b>3 g</b>
	PPE			H-slide to optics module	<b>13 g</b>
	PPE			V-slide to optics module	<b>32 g</b>
	ABS+PC			Protective cover DLA1191	<b>148 g</b>
Metals	CuZn	tin-plated		Shield DLA1191	<b>19 g</b>
	CrNi steel			Screws	<b>5 g</b>
	Steel	zinc plated		Screws	<b>22 g</b>
	CuZn	tin-plated		Washer DM 4,3/9/0,8 Ms.vern.	<b>3 g</b>
Others	Steel, PPE			Knurl.wheel compl.	<b>2 g</b>
	PA6.6, CuSn6			Connector pos.1.1 5/6-POL.	<b>2 g</b>
PCB assembled	FR4	TBBA	SnPb	Printed board ass. zu DLA1191A, PBA-1191	<b>45 g</b>

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

### Special Components

Connectors	2 pcs.	PA6.6, CuSn6	(4 g)
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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

#### Accessories: (\* containing halogens)

▪ DLR1192 Reflector for middle distance (*	PVC foamed + foile 3M	70 g	1.7 MJ
▪ DLR1193 Reflector for short distance (*	PVC foamed + foile 3M	20 g	0.5 MJ
▪ DLH1191A Heating element	Printed Circuit Board	10 g	0.2 MJ
▪ DLF1191-XX Short dist. filter	PC + glass	5 g	----

Detector base DLB1191A			Reflector for long distance DLR1191				
fire load	7.8 MJ	total weight	256 g	fire load	8.6 MJ	total weight	438 g
PC, white GF 20%		housing bottom	204 g	PC, white GF 20%		housing bottom	199 g
ABS/PC		terminal support	40 g	PA 6, black		housing - cover	68 g
EDPM cellular rubber		profil	3 g	EPDM cellular rubber		holding ring	8 g
PA6.6, CuSn6 tin-plated, X12CrNi177		terminal ass printed 6-pol	13 g	EPDM cellular rubber		profil	3 g
Steel, zinc coated		screw KA 40/18	3 g	glass		reflector	139 g
				steel, zinc coated		screw KA 40/18	13 g
				FR 4, Lot SnPb		PrintedCircuitBord	9 g

### 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.