



## Environmental Product Declaration

<b>Product</b>	Type of equipment /	FDB221	Detector base (addressable)
	Product No.	FDB221-AA	Detector base (addressable)
		FDB201	Detector base (collective)
		FDB201-AA	Detector base (collective)
		FDB222	Detector base flat (addressable)
		FDB202	Detector Base flat (collective)
		FDB291	Base attachment
		FDB293	Base attachment humid
	FDB271	Base radio detector	
<b>Process control</b>	Siemens Schweiz AG Theilerstrasse 1A CH-6300 Zug		
	Management System	since	by
	ISO 9001 (Quality)	22-July-1986	SQS
	ISO 14001 (Environment)	20-October-1998	SQS
	OHSAS 18001 (OH&S)	01-January-2011	SQS
<b>Environmentally compatible product design</b>	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 with Siemens EP Standard (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".		
	Fire load	variant *) see below	
<b>Packaging</b>	4-LDPE Low density polyethylene	Bag	variant
	20-PAP Corrugated fibreboard	Box	variant
	22-PAP Paper	Leaflet	variant
<b>Materials</b>	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.		
<b>Plastics</b>	PA66	Orange terminal block	variant
	PA66	Grey terminal block	variant
	PA66; GF 0%	Actuating element	variant
	ABS	Base / Base radio detector	variant
	ABS	Base flat	variant
	PA66	DBZ1190-AA Microterminal	variant
	ABS	Base attachment	variant
	ABS	Base carrier	variant
	Q Silicone rubber	Seal	variant
	PC	Housing bottom	variant
	PES	Type label	variant
	<b>Metals</b>	CuCrSiTi	Busbar
X12CrNi177		Spring	variant
SE-Cu		Bridge	variant
CuNi3Si1Mg		Switching contact	variant
Cu		DBZ1190-AA Microterminal	variant
Steel		Screws	variant

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\*Variant parts list

	FDB221	FDB221-AA	FDB201	FDB201-AA	FDB222	FDB202	FDB291	FDB293	FDB271
Total weight of device [g]	25.6	26.4	25.7	26.5	24.1	24.1	36.2	262.1	37.5
PA66	3.5	3.5			3.5	3.5			
PA66			3.6	3.6					
PA66; GF 0%	0.3	0.3	0.3	0.3	0.3	0.3			
ABS	18.6	18.6	18.6	18.6					37.5
ABS					17.1	17.1			
PA66		0.4		0.4					
ABS							36.2		
ABS								52.0	
Q Silicone rubber								3.1	
PC								202.0	
PES								0.1	
CuCrSiTi	2.1	2.1	2.1	2.1	2.1	2.1			
X12CrNi177	0.7	0.7	0.7	0.7	0.7	0.7			
SE-Cu	0.2	0.2	0.2	0.2	0.2	0.2			
CuNi3Si1Mg	0.3	0.3	0.3	0.3	0.3	0.3			
Cu		0.4		0.4					
Steel								4.9	
Fire load [MJ]	1	1	1	1	1	1	2	9	2
Packaging									
4-LDPE Low density polyethylene [g]	1.6	1.6	1.6	1.6	1.6	1.6	2.7	0.9	1.6
20-PAP Corrugated fibreboard								43.5	
22-PAP Paper								4.0	

**Disposal**

The device should not be disposed of as unsorted municipal waste. The special treatment for specific components may be mandated by law or ecologically sensible. Observe all local and applicable laws.

For country-specific requirements regarding further disposal information:  
<http://www.siemens.com/download?A6V13734633>

**Comments**

**EU-directive 2011/65/EU (RoHS)**

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive, including the 4 phthalates added to Annex II in 2015.

**Regulation (EC) No. 1907/2006 (REACH)**

To the best of our knowledge and according to the information of our suppliers the above mentioned device and its packaging contain no substances of the candidate list meeting the criteria laid down in Article 57 of Regulation (EC) 1907/2006 and identified in accordance with Article 59(1) of EU REACH concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w. Contained REACH candidate substances, which will become known at a later date, are listed on the delivery note.

(Status according to the creation date of this document.)

The device is low-halogen.

**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.