




Environmental Product Declaration

Product	Type of equipment / Product No.		S54331-F10-A1	FDL242 Linear Smoke Detector	
Process control	FFE Ltd. 9 Hunting Gate SG4 0TJ Hitchin / United Kingdom Management System since by ISO 9001 (Quality) 01.02.1989 BSI ISO 14001 (Environment) 31.07.2012 BSI				
Product use	Typical energy consumption		5kWh/a voltage=24V, current=2.5mA, usage=100% -> 24x0.0025x24x365/1000 = 0.53kWh/a Maintenance regular (depending on environment and local code of practice) cleaning of optical detection system		
	Fire load		18MJ		
Packaging	20-PAP Corrugated fibreboard		ref detector insert		69g
	20-PAP Corrugated fibreboard		simple base insert		49g
	20-PAP Corrugated fibreboard		outer box		146g
	4-LDPE Low density polyethylene		plastic bag x2		9g
	4-LDPE Low density polyethylene		SRMask plastic bag		2g
	22-PAP Paper		user guide		124g
	Notes on disposal		recyclable		
Materials	Total weight of device		755g		
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.				
Plastics	ABS; low-halogen		ABS Parts (baffle, lens holders)		40g
	PC; low-halogen		Lenses		4g
	PC; halogenated		White plastic parts		406g
	PMMA; low-halogen		Prism		62g
	PA; low-halogen		Nylon mounting nuts/washers etc		1g
	Q Silicone rubber; low-halogen		Stamped seal		4g
Metals	Steel stainless; nickel plated		Screws / nuts (confirm <2g)		14g
Others			Gimbal Motor		118g
	Cu/PVC		RDH Gimbal Cable		2g
	Cu/PVC		4-way Det Cable		5g
	vinyl lable		SRMask		2g
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu		RDH Main PCBA		30g
	FR4; TBBA; solder SnAgCu		AA SMA Main PCBA		42g
	FR4; TBBA; solder SnAgCu		Siemens AIM PCBA		25g
Disposal	<div></div> <div>The device is classified as waste electronic equipment in terms of the European Directive 2012/19/EU (WEEE) and must not be disposed of as unsorted municipal waste. Regarding disposal, use the systems setup for collecting electronic waste. Observe all local and applicable laws.</div>				

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 according to Article 59 (1, 10) of the regulation (EC) No. 1907/2006 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 with exception of:

PVC cable; PCB (TBBA); white plastic parts (flame retardant)

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.

FFE 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.

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