



Environmental Product Declaration

Product	Device type	FDM 223H		
	Designation	Manual call point with indirect operation consisting of FDMH292-R, FDME223		
	Product range	FD 20		
Process control	Siemens Switzerland Ltd Building Technologies Group Fire Safety & Security Products Gubelstrasse 22, CH-6301 Zug			
	Management system certified	since	by	
	ISO 14001 (environment)	6.12.2002	Gerling Cert	
	ISO 9001 (quality)	6.11.1989	SQS/VdS	
Environmentally compatible product design	The device was developed in accordance to the Siemens standard SN36350 'Environmentally compatible products'.			
	This standard describes guidelines for the design of environmentally compatible products, and their integration into the product planning and development process. The purpose is to achieve optimum environmental compatibility of products, taking account of all phases of the product lifecycle.			
Product use	Typical annual energy consumption	appr. 55 Wh		
	Maintenance	none		
	Environmental benefits	see notes on page 2		
Environmental risk (fire)	Fire load	appr. 8.7 MJ		
	Parts containing halogens (result in corrosive smoke)	Printed Circuit Board assembled		
Packaging	For housing (1 piece)	20-PAP corrugated cardboard	folding cardboard box	59 g
		22-PAP Paper	adherence label	1 g
	for call point unit (1 piece)	20-PAP corrugated cardboard	folding cardboard box	29 g
		22-PAP Paper	adherence label	1 g
	Notes on disposal	Generic recycling is possible, see material identification		

Materials		total weight of device	348 g
Plastics	PA66+PA6I/6T, MH14-140,GF40 red fiberglass	housing cover, housing base	237 g
	PA	terminal printed	7 g
	ABS, white	Glass holder, PCB cover	2 g
	ABS, black	button	5.2 g
	PC 10%GF, white, free of halogen	Frontpanel	37.7
	PP printed	shield, Operation instr. label	3 g
	Metals	steel	
AL Mn1		terminal plate G	3 g
brass		insert M 3/5,8	3 g
spring steel		pressure spring	0.9 g
Glass	Glass	spare glass plate	13 g
Circuit boards with components	FR4, containing bromine, solder SnAgCu	Printed Circuit Board assembled	19 g
Diverse	paper	label "not in use"	2 g
Special Components	Terminal block single 6pole	PA, black	(5.4 g)

(Parts with weights in brackets are already included in components declared under materials.)

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

Disposal



The device is a waste electronic equipment in terms of the European Directive 2002/96/EC (WEEE) and should not be disposed as part of unsorted municipal waste. The relevant national legal rules are to be paid attention. Use for disposal the systems set up to collect electric waste.

Observe all local and applicable laws.

Notes:

Accessories:

DMZ1197-AC	Protective cover (optional)	PC, transparent	15 g	0.1 MJ	(fire load)
DMZ1197-AD	Seal (optional)	silicon elastomere nature	23 g	0.3 MJ	
	Metal screwed cable gland M20x1.5	brass zinc coated	40 g	---	MJ
	V-tab	PA	5 g	0.1 MJ	
	Install. Instruction FDM	paper	5 g	0.1 MJ	

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.

Legal disclaimer: 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.

If you require further information on environmental aspects and disposal, contact your local Siemens branch office.