



## *Environmental Product Declaration*

### Product

Device type	<b>FDM 224 H</b>
Designation	<b>Manual call point with direct operation consisting of FDMH292-R, FDME224</b>
Product range	<b>FD 20</b>

### Process control

Siemens Switzerland Ltd  
Building Technologies Group  
Fire Safety & Security Products  
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Management system certified	since	by
ISO 14001 (environment)	<b>6.12.2002</b>	<b>Gerling Cert</b>
ISO 9001 (quality)	<b>6.11.1989</b>	<b>SQS/VdS</b>

### 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	<b>appr. 53 Wh</b>
Maintenance	<b>none</b>
Environmental benefits	<b>see notes on page 2</b>

### Environmental risk (fire)

Fire load	<b>appr. 12 MJ</b>
Parts containing halogens (result in corrosive smoke)	<b>Printed Circuit Board assembled</b>

### Packaging

For housing (1 piece)	20-PAP corrugated cardboard	<b>folding cardboard box</b>	<b>60 g</b>
	22-PAP Paper	<b>adherence label</b>	<b>1 g</b>
	PE-Schaumstoff	<b>expanded plastic sheet S20</b>	<b>5 g</b>
for call point unit (1 piece)	20-PAP corrugated cardboard	<b>folding cardboard box</b>	<b>29 g</b>
	22-PAP Paper	<b>adherence label</b>	<b>1 g</b>
	Notes on disposal	<b>Generic recycling is possible, see material identification</b>	

Materials		total weight of device	346 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
	PC 10%GF, white, free of halogen	Frontpanel	37.7 g
	ABS, black	button	2 g
	PP printed	shield, Operations instr. label	3 g
	Metals	steel	terminal plug assembled for Z 8../9../T24., PT-LS -screw. KAL 30/8 and KAL 30/12,cheese-head screw hex socket M3x25, hinge pin
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
Circuit boards with components	FR4, containing bromine, solder SnAgCu	Printed Circuit Board assembled	19 g
Diverse	paper	label "not in use"	2 g
<b>Special Components</b>	Terminal block single 6pole	PA, black	<b>(3.6 g)</b>

(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:

#### Environmental benefits:

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	

- 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.