



Environmental Product Declaration

Product	Device type	FDM 225 / FDM1101-XX / FDM1101A-XX RG / RP / RG (F) / RP(F)	
	Designation	Manual call point with direct operation	
	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	<p>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.</p>		
Product use	Typical annual energy consumption	appr. 47 Wh	
	Maintenance	none	
	Environmental benefits	see notes on page 2	
Environmental risk (fire)	Fire load	appr. 3 MJ	
	Parts containing halogens (result in corrosive smoke)	Printed Circuit Board assembled	
Packaging (for 1 piece)	20-PAP corrugated cardboard	folding cardboard box	23 g
	22-PAP paper	installation instructions	5 g
	Notes on disposal	Generic recycling is possible, see material identification	

Materials		total weight of device	96...101 g
Plastics	ABS, red	Housing cover, housing base	28 g
	ABS, black	LP cover	5 g
	PC black	Housing	37 g
Circuit boards with components	FR4, containing bromine, solder SnPb	Printed Circuit Board assembled	8 g
		Special Components	
	Flame-retardant glass-fibre reinforced nylon, RoHS konform	Mikroswitch	2 g
	PA 6.6 grey, CuZn NiZn Z RoHS	Terminal block	7 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:

Materials: (depending on type)

Device type:	RG/ RG (F)	RP/ RP(F)	
Total weight	101 g	96 g	
Glass	13 g		glass UK FDMG295
PC, white		8 g	plastic element EN54-11
Fire load	2.6 MJ	2.8 MJ	hole device

Accessories:	weight	fire load	
FDMH295-X housing base (optional)	57 g	2 MJ	ABS, red
FDMC295 protective cover (optional)	38 g	1 MJ	PC, transparent
FDMG295 glass plate	13 g	---	glass
FDMP295 plastic element	8 g		PC, white
FDMK295 key	3 g	0.1 MJ	ABS, black

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.