



Environmental Product Declaration

Product	Type of equipment	FN2001-A1 / FCA2002-A1 / FCA2001-A1 / FCI2001-D1		
	Designation	Network module (SAFELINK) / RS485 module (isolated) / RS232 module (isolated) / Fire brigade periphery mod. kit		
	Product line	FS 20		
Process control	Siemens Switzerland Ltd. Building Technologies Group Gubelstrasse 22 CH-6301 Zug			
	Management system certified	since	by	
	ISO 14001 (environment)	06.12.2002	Gerling Cert	
	ISO 9001 (quality)	06.11.1989	SQS/VdS	
Environmentally compatible product design	Product responsibility of Siemens covers the entire product life cycle. Siemens already assess, 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 Siemens Standard SN 36350 "Environmentally compatible products".			
Product use	Typical energy consumption per year	9 kWh/a 0.4 kWh/a 11 kWh/a	FN2001-A1 FCA2002-A1, FCA2001-A1 FCI2001-D1	
	Maintenance	not necessary		
Risk of fire	Fire load	0.4 MJ, FN2001-A1 / FCA2002-A / FCA2001-A1 3 MJ, FCI2001-D1		
Packaging	20-PAP Corrugated fibre board PU foam S-30	Packing DM 1151 Foam 100x85x25mm	30 g 6 g	
	FCI2001-D1 20-PAP Corrugated fiber board PU foam S-30	Folder box GM1/IS4 Foam 225x130x25mm	80 g 18 g	
	Notes on disposal	One-way, recyclable		

Materials				Total weight device	chart*
Metals					
Brass		nickel plated		Spacer botts SW5,5/M3 LG 8,5	chart*
Others					
Brass, Ni-plated, TPE				Screwed cable gland M10x1.5	chart*
PCB assembled					
FR4	TBBA	SnAgCu	PCB FN2001-A1 Network mod. (SAFEDLINK)		chart*
FR4	TBBA	SnAgCu	PCB FCA2002-A1 RS485 module		chart*
FR4	TBBA	SnAgCu	PCB FCA2001-A1 RS232 module		chart*
FR4	TBBA	SnAgCu	FCI2001-D1 Fire brigade periphery module		chart*

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

*Variant parts list

	FN2001-A1	FCA2002-A	FCA2001-A1	FCI2001-D1
Total weight of device	22 g	27 g	33 g	207 g
Spacer bolts SW5,5/M3 LG 8,5	----	----	----	10 g
Screwed cable gland M10x1.5	----	12 g	12 g	----
PCB FN2001-A1 Network mod. (SAFEDLINK)	22 g	----	----	----
PCB FCA2002-A1 RS485 module (isolated)	----	15 g	----	----
PCB FCA2001-A1 RS232 module (isolated)	----	----	21 g	----
FCI2001-D1 Fire brigade periphery module	----	----	----	183 g
20pol. Flachbandkabel (cable) L=210 mm	----	----	----	14 g

Disposal



The device is classified as waste electronic equipment in terms of the European Directive 2002/96/EC (WEEE) and should not be disposed of as unsorted municipal waste. The relevant national legal rules are to be adhered to. Regarding disposal, use the systems setup for collecting electronic waste. Observe all local and applicable laws.

Special components

On:	PCB terminal block	PA 6.6 FR	1 pc.	(5 g)
	PCB FN2001-A1 Network mod.		1 pc.	(5 g)
	(SAFEDLINK)			
	PCB FCA2002-A1 RS485 module (isolated)		1 pc.	(5 g)
	PCB FCA2001-A1 RS232 module (isolated)		1 pc.	(5 g)
	FCI2001-D1 Fire brigade periphery module		5 pcs.	(35 g)

Comments

Materials

The device is free from substances banned by the Directive 2002/95/EC (RoHS):
Pb, Hg, Cr6+, PBB, PBDE: < 0.1 % by weight in homogeneous materials
Cd: < 0.01 % by weight in homogeneous materials

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.

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.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.