



## Environmental Product Declaration

<b>Product</b>	Type of equipment / Product No.	FDCIO223 S24218-B102-A1 ES ≥ 50	
	Designation	FDnet/C-Net Transponder	
	Product line	FD20/FD720	
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<b>Process control</b>	Siemens Switzerland Ltd Building Technologies Division Gubelstrasse 22 CH-6301 Zug		
	Management System	since by	
	ISO 9001 (Qualität)	22.07.1986 SQS	
	ISO 14001 (Umwelt)	20.10.1998 SQS	
<b>Environmentally compatible product design</b>	Product responsibility of Siemens covers the entire product life cycle. Siemens already assesses, 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 with Siemens EP Standard No. 1 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".		
<b>Product use</b>	Typical energy consumption	9kWh/a Fdnet: 32V * 0.75mA + 24V: 32V * 30mA = 0.985W	
	Maintenance	Not necessary	
	Fire load	3MJ	
<b>Packaging</b>	20-PAP Corrugated fiber board	Packing	28g
	4-LDPE	Plastic bag	5g
	22-PAP paper	Installation instruction	11g
	Notes on disposal	recyclable	
<b>Materials</b>	Total weight of device	114g	
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
Plastics	PC	Cover	17g
	ABS	Modul support	31g
	PA66	2 pcs FDCM291 mounting feets	2g
PCBAs (Printed Circuit Board assembled)	FR4; solder SnAgCu	PCB assembled to FDCIO223 (with protection wax)	64g
Special components (part of the assembled PCB)	5 terminal block single	13pcs	
	Relays	17pcs	
Weights in brackets are already included in components declared under materials. (part of the assembled PCB)			
<b>Disposal</b>		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. The relevant national legal rules are to be adhered too. Regarding disposal, use the systems setup for collecting electronic waste. Observe all local and applicable laws.	
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<b>Comments</b>			
EU-directive 2011/65/EU (RoHS)			

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive.

#### 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.

(Status according to the creation date of this document.)

The silicone rubber mats have been heated at 200 °C for 2 hours. The plastic parts were manufactured without silicone containing mold release agents.

The device is halogen-free.

#### Environmental benefits

Easily removable. Disassembling is possible without any important effects regarding waste disposal

#### Further notes and comments:

Accessories:

FDCH221 Housing

#### 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.

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.