SIEMENS

EPD - Type II
Based on ISO 14021



Environmental Product Declaration

Product	Type of equipment / Product No.	TXM1.4D3R	Digital input and relay module
	Product line, product range	TX-I/O™	
Process control	Siemens Schweiz AG Building Technologies Division Theilerstrasse 1a CH-6300 Zug		
	Management System	since	by
	ISO 9001 (Quality)	22.07.1986	SQS
	ISO 14001 (Environment)	20.10.1998	SQS
	OHSAS 18001 (OH&S)	01.01.2011	SQS
Environmentally compatible product design	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 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".		
Product use	Typical energy consumption	9kWh/a Type label: 1W	
	Maintenance	Not necessary	
Risk of fire	Fire protection according to	EN60730; UL916	
	Fire load	5MJ	
Packaging	20-PAP Corrugated fibreboard	Folded bottom box	21g
	22-PAP Paper	Packaging label	1g
	Notes on disposal	One-way, recyclable	
Materials	Total weight of device		202g
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
Plastics	PC; halogen-free	Housing electronic unit	23g
	PC; halogen-free	Frame	6g
	PC; halogen-free	Cover	5g
	PC; halogen-free	Lid	5g
	PC; halogen-free	Terminal base bottom	16g
	PC; halogen-free	Terminal base top	51g
	PC; halogen-free	Slider (2 pieces)	3g
Metals	X10CrNi 18.8; galvanized	Address key contact	1g
	CuNi12Zn24; galvanized	Upper contact spring (10 pieces)	5g
	CuFe 2P; All side AuCo, nickel sublayer	Island bus connector rail (4 pieces)	8g
	CuSn; AuCo, nickel sublayer	Island bus T-connector (4 pieces)	6g
	Steel C10	Terminal cage (17 pieces)	11g
	Steel 12.9	Screw (17 pieces)	7g
	Steel stainless; zinc plated	Wire spring (2 pieces)	1g
	CuNi12Zn24; galvanized	Lower contact spring (7 pieces)	4g
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	Main-Board PCBA	56g
Special components (part of the assembled PCB)	Relay	AgSNO2 or AgNi	3pcs - -
	Weights in brackets are already included in components declared under materials. (part of the assembled PCB)		

Disposal



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. Regarding disposal, use the systems setup for collecting electronic waste.
Observe all local and applicable laws.

Comments

EU-directive 2011/65/EU (RoHS)

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive, including the 4 phthalates added to Annex II in 2015.

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. Contained REACH candidate substances, which will become known at a later date, are listed on the delivery note.

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

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 Schweiz AG 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.