SIEMENS

Building Parts

EPD - Type II
Based on ISO 14021



Environmental Product Declaration

Product

Type of equipment / Product No.	PXC4.E16	Automation station
	PXC4.E16S	Automation station
	PXC4.M16	Automation station
	PXC4.M16S	Automation station
	PXC4.E16.A	Automation station

Product line, product range DESIGO

Process control

Siemens Schweiz AG
Smart Infrastructure
Theilerstrasse 1a
CH-6030 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	variant *) see below
	according to base load of controller
Maintenance	Not necessary

Risk of fire

Fire protection according to	EN60730; UL916
Fire load	variant *) see below

Packaging

20-PAP Corrugated fibreboard	Folded bottom box	69g
22-PAP Paper	Packaging label	1g
Notes on disposal	One-way, recyclable	

Materials

Total weight of device: variant *) see below

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

Plastics	PC	Upper housing	variant
	PBT+PP	Siemens logo	1g
	PC	Button	1g
	PC	Light guide	4g
	PC	Lower housing	80g
	PC	Slider (3 pieces)	6g
	PC	Cap protector island bus	1g
Metals	Steel stainless	Wire spring (3 pieces)	1g
Others	PA/CuZn/Fe	Terminal block 2 pole (1 piece)	variant
	PA/CuZn/Fe	Terminal block 3 pole (5 pieces)	variant
	PA/CuZn/Fe	Terminal block 3 pole (6 pieces)	variant
	PA/CuZn/Fe	Terminal block 3 pole (7 pieces)	variant

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	PA/CuZn/Fe	Terminal block 11 pole (2 pieces)	38g
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	Main-Board PCBA	variant
	FR4; TBBA; solder SnAgCu	Processor-Board PCBA	10g

***Variant parts list**

[g]	PXC4.E16	PXC4.E16S	PXC4.M16	PXC4.M16S	PXC4.E16.A							
Total weight of device	483	462	485	465	483							
Upper housing	95	96	97	97	95							
Terminal block 2 pole (1 piece)	4		4		4							
Terminal block 3 pole (5 pieces)		28										
Terminal block 3 pole (6 pieces)	34			34	34							
Terminal block 3 pole (7 pieces)			39									
Main-Board PCBA	212	200	206	195	212							
Fire load [MJ]	11	10	11	10	11							
Typical energy consumption [kWh/a]	53	53	43	43	53							

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.)

The device is low-halogen with exception of:
PCB (TBBA)

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.