SIEMENS

Building Parts

EPD - Type II
Based on ISO 14021



Environmental Product Declaration

Product

Type of equipment / Product No.	DXR2.E10../BP	Compact room automation station, 230 V
	DXR2.E09../BP	Compact room automation station, 230 V
	DXR2.E09../TB	Compact room automation station, 230 V
	DXR2.E09T../BP	Compact room automation station, 230 V

Product line, product range Desigo TRA

Process control

Siemens Schweiz AG
Smart Infrastructure
Theilerstrasse 1a
CH-6300 Zug

Management System	since	by
ISO 9001 (Quality)	22.07.1986	SQS
ISO 14001 (Environment)	20.10.1998	SQS
EMAS (Environment)	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	62kWh/a according to base load of controller
Maintenance	Not necessary

Risk of fire

Fire protection according to	EN 60730-1, UL 916
Fire load	9MJ

Packaging

20-PAP Corrugated fibreboard	Folded Box	710g
20-PAP Corrugated fibreboard	Inserts (3 pieces)	260g
20-PAP Corrugated fibreboard	Moulding (3 pieces)	530g
22-PAP Paper	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	59g
	PC	Lower housing	61g
	PC	Lightguide with button	1g
	PC	Slider	5g
	PC	Terminal cover (optional)	62g
Metals	Steel stainless	Wire spring	1g
Others	PA/CuZn/Fe	Connector 2-pole green	variant
	PA/CuZn/Fe	Connector 6-pole grey	variant
	PA/CuZn/Fe	Connector 2-pole grey	variant
	PA/CuZn/Fe	Connector 8-pole grey	variant

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	PA/CuZn/Fe	Connector 4-pole grey	variant
	PA/CuZn/Fe	Connector 4-pole orange	variant
	paper	Double-self-adhesive label	1g
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	Mainboard	variant
	FR4; TBBA; solder SnAgCu	CPU board	9g

***Variant parts list**

[g]	DXR2.E10../BP	DXR2.E09../BP	DXR2.E09../TB	DXR2.E09T../BP								
Total weight of device	375	375	334	367								
Connector 2-pole green	4	4		4								
Connector 6-pole grey	22	22		11								
Connector 2-pole grey				4								
Connector 8-pole grey				15								
Connector 4-pole grey	7	7										
Connector 4-pole orange	7	7		7								
Mainboard	136	136	136	128								

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)

The device contains the following 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, including those which will become known at a later date, are listed on the delivery note.
Lead, CAS-Nr.7439-92-1; Silicic acid, lead salt, CAS-Nr.11120-22-2; Lead monoxide, CAS-Nr.1317-36-8

(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.