SIEMENS

EPD - Type II
Based on ISO 14021



Environmental Product Declaration

Product

Type of equipment / Product No.	DXR2.E18../PB	Compact room automation stations, BACnet/IP,
	DXR2.E12P../PB	Compact room automation stations, BACnet/IP,
Product line, product range	Desigo TRA	

Process control

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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	EN 60730-1, UL 916
Fire load	10MJ

Packaging

20-PAP Corrugated fiber board	Folded box	750g
20-PAP Corrugated fiber board	Insert (3 pieces)	260g
20-PAP Corrugated fiber board	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	68g
	PC	Lower housing	63g
	PC	Lightguide with button	1g
	PC	Slider	2g
	PC	Terminal cover (one pair)	81g
Metals	Steel stainless	Wire spring	1g
Others	PA/CuZn/Fe	Connector 2-pole green	4g
	PA/CuZn/Fe	Connector 3-pole green	
	PA/CuZn/Fe	Connector 6-pole grey	variant
	PA/CuZn/Fe	Connector 9-pole grey	variant
	PA/CuZn/Fe	Connector 4-pole grey	variant
	PA/CuZn/Fe	Connector 11-pole grey	variant

	PA/CuZn/Fe	Connector 12-pole grey	variant
	PA/CuZn/Fe	Connector 8-pole grey	variant
	PA/CuZn/Fe	Connector 2-pole orange	4g
		Pressure sensor	variant
	paper	Double-self-adhesive label	1g
	PA/CuZn/Fe	Connector 5-pole grey	
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	Mainboard	variant
	FR4; TBBA; solder SnAgCu	CPU Board	10g

***Variant parts list**

[g]	DXR2.E18../PB	DXR2.E12P../PB										
Total weight of device	435	416										
Connector 6-pole grey		11										
Connector 9-pole grey		17										
Connector 4-pole grey		7										
Connector 11-pole grey	21											
Connector 12-pole grey	22											
Connector 8-pole grey	15											
Pressure sensor		5										
Mainboard	144	143										
Typical energy consumption [kWh/a]	75	62										

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.

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 device is halogen-free 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.