



## Environmental Product Declaration

<b>Product</b>	Type of equipment / Product No.	DXR2.E18	Compact room automation stations, BACnet/IP, 24 V	
		DXR2.E12P	Compact room automation stations, BACnet/IP, 24 V	
		DXR2.M18	Compact room automation stations, BACnet MS/TP, 24 V	
		DXR2.M12P	Compact room automation stations, BACnet MS/TP, 24 V	
		DXR2.M11	Compact room automation stations, BACnet MS/TP, 24 V	
		Product line	Desigo TRA	
<b>Process control</b>	Siemens Schweiz AG Building Technologies Division Gubelstrasse 22 CH-6301 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
<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	variant *) see below Energy consumption incl. connected peripherals		
	Maintenance	Not necessary		
<b>Risk of fire</b>	Fire protection according to	EN 60730-1, UL 916		
	Fire load	10MJ		
<b>Packaging</b>	20-PAP Corrugated fiber board	Folded bottom box printed	42g	
	22-PAP paper	Label	1g	
	Notes on disposal	One-way, recyclable		
<b>Materials</b>	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	variant	

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
PCBAs (Printed Circuit Board assembled)	FR4; TBBA	variant
	FR4; TBBA	10g
	Mainboard	variant
	CPU Board	10g

**\*Variant parts list**

	DXR2.E.18	DXR2.E.12P	DXR2.M18	DXR2.M12P	DXR2.M11							
[g]												
Total weight of device	435	416	440	424	413							
Connector 3-pole green			6	6	6							
Connector 6-pole grey		11		11	11							
Connector 9-pole grey		17		17	17							
Connector 4-pole grey		7		7	7							
Connector 11-pole grey	21		21									
Connector 12-pole grey	22		22									
Connector 8-pole grey	15		15									
Pressure sensor		5		5								
Mainboard	144	143	144	145	139							

Typical energy consumption

[kWh/a]	75	62	66	53	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. 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.

**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.