



Environmental Product Declaration

Product

Type of equipment / Product No.	DXR2.E18 DXR2.E12P DXR2.M18 DXR2.M12P DXR2.M11 DXR2.M17C DXR2.E17C	Compact room automation stations, BACnet/IP, 24 V Compact room automation stations, BACnet/IP, 24 V Compact room automation stations, BACnet MS/TP, 24 V Compact room automation stations, BACnet MS/TP, 24 V Compact room automation stations, BACnet MS/TP, 24 V Compact room automation stations, BACnet MS/TP, 24 V Compact room automation stations, BACnet/IP, 24 V
Product line	Desigo TRA	

Process control

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	

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 No. 1 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".

Product use

Typical energy consumption	variant *) see below Energy consumption incl. connected peripherals
Maintenance	Not necessary

Risk of fire

Fire protection according to	EN 60730-1, UL 916
Fire load	variant *) see below

Packaging

20-PAP Corrugated fiber board	Folded bottom box printed	42g
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	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
	PA/CuZn/Fe	Connector 5-pole grey	variant
PCBAs (Printed Circuit Board assembled)	FR4; TBBA	Mainboard	variant
	FR4; TBBA	CPU Board	variant

***Variant parts list**

	[g]	DXR2.E18	DXR2.E12P	DXR2.M18	DXR2.M12P	DXR2.M11	DXR2.M17C	DXR2.E17C
Total weight of device		435	416	440	424	413	296	285
Connector 3-pole green				6	6	6	17	6
Connector 6-pole grey			11		11	11	11	11
Connector 9-pole grey			17		17	17		
Connector 4-pole grey			7		7	7		
Connector 11-pole grey		21		21			21	21
Connector 12-pole grey		22		22				
Connector 8-pole grey		15		15			15	15
Pressure sensor			5		5			
Connector 5-pole grey							10	10
Mainboard		144	143	144	145	139		
CPU Board		10	10	10	10	10		
Fire load	[MJ]	10	10	10	10	10	7	7
Typical energy consumption	[kWh/a]	75	62	66	53	53	71	71

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.

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.