



Environmental Product Declaration

Product

Type of equipment	PXC12.D, PXC12-E.D, PXC12-T.D PXC22.D, PXC22-E.D, PXC22-T.D PXC36.D, PXC36-E.D, PXC36-T.D PXC16..., PXC22..., PXC24..., PXC36... TC12..., TC16..., TC22..., TC24..., TC36...
Designation	Automation stations / Controllers
Product line	Desigo, APOGEE, Talon

Process control

Siemens Building Technologies, Inc 1000 Deerfield Pkwy Buffalo Grove, IL 60089, USA		
Management system certified	since	by
ISO 14001 (environment)	Dec 1998	UL
ISO 9001 (quality)	Sept 1995	UL

Environmentally compatible product design

Product responsibility of Siemens covers the entire product life cycle. Siemens already assess, 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 Siemens EP Standard (former SN 36350) "Environmentally compatible products".

Product use

Energy consumption per year	210-307 kWh/a max.
Maintenance	Battery replacement (indicated by LED)
Environmental benefits	see note on page 2

Risk of fire

Fire protection according to	EN60730
Fire load	27 MJ

Packaging

20-PAP Corrugated fiber board	Folded box (36)	100 g
	Folded box (12/16/22/24)	80 g
Notes on disposal	One-way, recyclable	

		Types	12, 16	22, 24	36
Materials		Total weight of device (approx.)	750 g	754 g	1080 g
Plastics	ABS + PC	Housing	370 g	370 g	414 g
Metals	Steel, zinc plated	Stand-off			6 g
	Spring steel	3 x clip spring	2 g	2 g	2 g
PCBs assembled	FR4 bromine, SnAgCu	Main PCB	399 g	449 g	497
	FR4 bromine, SnAgCu	Other PCBs			74
Others	Li (Coin)	Lithium battery	(3 g)	(3 g)	(3 g)
	Li (AA)	Lithium battery	(18 g)	(18 g)	(18 g)
	AgNi	Relay contacts	(1 g)	(1 g)	(1 g)
Mounting materials	Steel, zinc plated	Mounting Screws (16/24/36 only)	26 g	26 g	26 g

(Weights in brackets are already included in components declared under materials)

Disposal



The device is classified as waste electronic equipment in terms of the European Directive 2012/19/EU (WEEE) and should not be disposed of as unsorted municipal waste.

The relevant national legal rules are to be adhered to.

Regarding disposal, use the systems setup for collecting electronic waste.

Observe all local and applicable laws.

Comments

Materials

The devices are free from substances banned by the Directive 2011/65/EU (RoHS):

- Pb, Hg, Cr6+, PBB, PBDE: < 0.1 % by weight in homogeneous materials
- Cd: < 0.01 % by weight in homogeneous materials

The devices are halogen-free except the marked plastic parts and the PCBs (TBBA)

Environmental benefits

Freely configurable automation stations that can control heating, ventilation and air conditioning systems according to the actual demand.

Legal disclaimer: This declaration is for information purposes 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 Switzerland Ltd. 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.