



Environmental Product Declaration

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|--|---|---|--------------|
| 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.