Environmental Product Declaration

Product

<table>
<thead>
<tr>
<th>Type of equipment</th>
<th>Fire control panel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Designation</td>
<td>FC2030 FA</td>
</tr>
<tr>
<td>Product line</td>
<td>FS20</td>
</tr>
</tbody>
</table>

Process control

Siemens Switzerland Ltd
Building Technologies Group
Gubelstrasse 22
CH-6301 Zug

Management system certified since by
ISO 14001 (environment) 06.12.2002 Gerling Cert
ISO 9001 (quality) 06.11.1989 SQS/VdS

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 Standard SN 36350 "Environmentally compatible products".

Product use

Typical energy consumption per year 285 kWh/a
Maintenance Not necessary

Risk of fire

Fire load 86 MJ

Packaging

<table>
<thead>
<tr>
<th>Packaging Material</th>
<th>Quantity</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-PAP Corrugated fiber board, 2 pcs</td>
<td></td>
<td>Packaging operator unit</td>
<td>770 g</td>
</tr>
<tr>
<td>20-PAP Corrugated fiber board, 2 pcs</td>
<td></td>
<td>Packaging insert op. unit</td>
<td>315 g</td>
</tr>
<tr>
<td>20-PAP Corrugated fiber board, 2 pcs</td>
<td></td>
<td>Packaging insert cover</td>
<td>120 g</td>
</tr>
<tr>
<td>20-PAP Corrugated fiber board</td>
<td></td>
<td>Packaging Rear Comfort</td>
<td>900 g</td>
</tr>
<tr>
<td>20-PAP Corrugated fiber board</td>
<td></td>
<td>Packing DM1151</td>
<td>27 g</td>
</tr>
<tr>
<td>Polyester, polyethylene</td>
<td></td>
<td>Static shielding bag 76x127</td>
<td>3 g</td>
</tr>
<tr>
<td>Polyester, polyethylene</td>
<td></td>
<td>Static shielding bag</td>
<td>26 g</td>
</tr>
<tr>
<td>Foam, 2 pcs</td>
<td></td>
<td>Foam 100x85x25</td>
<td>6 g</td>
</tr>
<tr>
<td>Notes on disposal</td>
<td></td>
<td>One-way, recyclable</td>
<td></td>
</tr>
</tbody>
</table>

Notes on disposal

One-way, recyclable
### Materials

#### Plastics
- **ABS+PC, halogenated**
  - FHA2011-A2 Cover cap: 645 g
- **ABS+PC, halogenated**
  - FHA2011-A1 Cover cap: 645 g
- **Q Silicon rubber**
  - FCM2012-A1 Keypad: 239 g
- **PVC rigid**
  - Isolation pad: 332 g
- **Polyester foil, 2 pcs**
  - Design foil to FCM: 82 g
- **Plastic Accessories**: 10 g

#### Metals
- **Steel, Zn galvanized, powder-coated**
  - FHA2003-A1 Rear cpl (Comfort): 9150 g
- **Steel, zinc plated**
  - FCM2009 support op. unit: 977 g
- **Steel, zinc plated**
  - FCM2014 support op. add-on: 1145 g
- **Steel, zinc plated**
  - Shielding plate and accessories: 676 g
- **Steel, zinc plated**
  - TS35 Hat mounting rail L175: 55 g
- **Steel, zinc plated**
  - Screws: 70 g
- **CuZn, nickel plated**
  - Spacer bolts: 4 g

#### Others
- **PA, PBT, PVD, Cu-Alloy, Zn**
  - Cable-kit to 2HU, 150W: 151 g
- **PA6.6, Cu, CrNi, 4 pcs**
  - Connection terminals (TS35): 32 g
- **PA**
  - Cover plate orange (TS35): 4 g
- **PBT GF, Be/Cu, PVC**
  - 34.pol Cable: 20 g
- **PBT GF, Be/Cu, PVC**
  - Ribbon cable L=45: 3 g
- **PBT GF, Be/Cu, PVC**
  - 24.pol Ribbon cable L=850: 36 g
- **PA6.6, Cu, CrNi, 2 pcs**
  - Final cramp: 8 g
- **PVC, Cu**
  - Control wire LIYY: 10 g
- **PVC, Cu**
  - Strands: 25 g

#### PCB assembled
- **FR4, TBBA, SnAgCu**
  - FCM2004-A1 PMI- & Mainboard: 312 g
- **FR4, TBBA, SnAgCu**
  - FCM2007-A1 Card cage (2slot): 500 g
- **FR4, TBBA, SnAgCu**
  - FCI2002-A1 Periphery board (2-Loop): 202 g
- **FR4, TBBA, SnAgCu**
  - Processorboard: 18 g
- **FR4, TBBA, SnAgCu**
  - FCA2006-A1 Connection mod. (card cage): 15 g

The total weight of a device may deviate from the total of the weights of all individual components due to rounding.
Special components

Batteries
The batteries are furnished by the installer. Information on the environmental declaration is available from the installer or directly from the battery manufacturer

Capacitors > 12cm³, 2pcs
On PCB-Ass. To FP2001-A1
Power sup. (150W)

Terminal block, PA 6.6/PBT / St.
On periphery board

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 2002/96/EC (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

Environmental Benefits:
- Serves for the early detection of fires and prevents the discharge of toxic gases.
- Easily removable. Disassembling is possible without any important effects regarding waste disposal.
- Very low energy consumption.

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.