# Environmental Product Declaration

**Product**

<table>
<thead>
<tr>
<th>Type of equipment / Product No.</th>
<th>FCC2002-A1 / S54400-B17-A1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Designation</td>
<td>Control unit (19&quot;, FC2080)</td>
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<tr>
<td>Product line</td>
<td>FS20</td>
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</tbody>
</table>

**Process control**

Siemens Switzerland Ltd.,
Building Technologies Division
Gubelstrasse 22
CH-6301 Zug

- Management System: since 06.12.2002 by Gering Cert
- ISO 14001 (Environment): 06.11.1989 by SQS / VdS

**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 Siemens Standard SN 36350 "Environmentally compatible products".

**Product use**

- Typical energy consumption: 62kWh/a
- Maintenance: Not necessary
- Fire load: 27MJ

**Packaging**

- 20-PAP Corrugated fiber board:
  - Folding box: 815g
  - Insert: 235g
- E-por Corrugated fiber board:
  - Edge protection: 50g
- PE:
  - Plastic bags: 10g
- Notes on disposal: One-way, recyclable

**Materials**

<table>
<thead>
<tr>
<th>Total weight of device</th>
<th>5'542g</th>
</tr>
</thead>
</table>

- **Plastics**
  - PPE / PS: Cable cannel L=430 98g
  - PPE / PS: Cable cannel L=300 68g
  - PVC: Flat cable mounting 4g
- **Metals**
  - Steel; zinc plated: Shielding plate 1'164g
  - Steel; zinc plated: Shielding cap 222g
  - Steel; zinc plated: Frontpanel to Communication card 122g
  - Steel; zinc plated: 19" Supporter 2'125g
  - Steel; zinc plated: Screws, Bolts, Nuts 77g
  - Steel; zinc plated: Shielding cap 273g
  - Steel; zinc plated: Neutral busbar 23g
  - Steel; zinc plated: Schirmanschlussklemme 72g
- **Others**
  - PA, Cu, CrNi: connectors (28p) 90g
  - PA, Cu, CrNi: Adapter PMI to Card Cage CPU 10g
  - PA, Cu, CrNi: Cable set (2p) 20g
  - PA, Cu, CrNi: Cable 158g
- **PCBAs (Printed Circuit Board)**
  - FR4; TBBA; solder SnAgCu: PCB ass. To Card cage FCC2003 384g
The device is free from substances banned by the EU-Directive 2002/95/EC (RoHS) - allowing for the exemptions acc. to Decision 2010/571/EU:
Pb, Hg, Cr6+, PBB, PBDE: <0.1% by weight in homogeneous materials
Cd: <0.01% by weight in homogeneous materials

EU-directive 2002/95/EC (RoHS)
The device is free from substances banned by the EU-Directive 2002/95/EC (RoHS) - allowing for the exemptions acc. to Decision 2010/571/EU:
Pb, Hg, Cr6+, PBB, PBDE: <0.1% by weight in homogeneous materials
Cd: <0.01% by weight in homogeneous materials

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.

Disposal
The device is classified as waste electronic equipment in terms of the European Directive 2002/96/EC (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.

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 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.