



## *Environmental Product Declaration*

|  |   |                             |                              |
|--|---|-----------------------------|------------------------------|
| <b>Product</b>                                   | Type of equipment   | <b>Fire control panel</b>   |                              |
|  | Designation   | <b>FC722-HA</b>             |                              |
|  | Product line  | <b>FS20 / Cerberus</b>      |                              |
| <b>Process control</b>                           | Siemens Switzerland Ltd.<br>Building Technologies Division<br>Gubelstrasse 22<br>CH-6301 Zug  |                             |                              |
|  | Management system certified   | since                       | by                           |
|  | ISO 14001 (environment)   | <b>06.12.2002</b>           | <b>Gerling Cert/Deloitte</b> |
| <b>Environmentally compatible product design</b> | ISO 9001 (quality)  | <b>06.11.1989</b>           | <b>SQS/VdS</b>               |
|  | 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". |                             |                              |
|  |   |                             |                              |
| <b>Product use</b>                               | Typical energy consumption per year   | <b>285 kWh/a</b>            |                              |
|  | Maintenance   | <b>Not necessary</b>        |                              |
| <b>Risk of fire</b>                              | Fire load   | <b>77 MJ</b>                |                              |
| <b>Packaging</b>                                 | 20-PAP Corrugated fibre board, (2pcs)   | <b>Operator unit</b>        | <b>740 g</b>                 |
|  | 20-PAP Corrugated fibre board, (2 pcs)  | <b>Insert operator unit</b> | <b>480 g</b>                 |
|  | 20-PAP Corrugated fibre board, (2 pcs)  | <b>Insert cover</b>         | <b>246 g</b>                 |
|  | 20-PAP Corrugated fibre board   | <b>Rear Comfort</b>         | <b>900 g</b>                 |
|  | 20-PAP Corrugated fibre board   | <b>Insert drilling gage</b> | <b>666 g</b>                 |
|  | Polyester, Aluminium, Polyethylene, (2pcs)  | <b>Static shielding bag</b> | <b>52 g</b>                  |
|  | Notes on disposal   | <b>One-way, recyclable</b>  |                              |

| <b>Materials</b> |                            |                  |        | Total weight of device                      | <b>14933 g</b>              |
|------------------|----------------------------|------------------|--------|---|-----------------------------|
| Plastics         | ABS+PC                     | halogenated      |        | FHA7201-A1 Cover cap (Cerberus)             | <b>674 g</b>                |
|                  | ABS+PC                     | halogenated      |        | FHA7202-A3 Cover cap (without print)        | <b>674 g</b>                |
|                  | Q Silicone rubber          |                  |        | FCM2012-A1 Keypad (International)           | <b>239 g</b>                |
|                  | PVC rigid                  |                  |        | Flat cable mounting                         | <b>3 g</b>                  |
|                  | Polyester foil             |                  |        | Design foil to FCM                          | <b>82 g</b>                 |
| Metals           | Steel                      | Zn galv., Zincor |        | FHA2003-A1 Rear cpl (Comfort)               | <b>9150 g</b>               |
|                  | Steel                      | zinc plated      |        | FCM2009-A1 Support operation unit           | <b>977 g</b>                |
|                  | Steel                      | zinc plated      |        | FCM2010-A1 Support op. add-on (Option)      | <b>942 g</b>                |
|                  | Steel                      | zinc plated      |        | Screws                                      | <b>50 g</b>                 |
|                  | CuZn                       | Nickel plated    |        | Spacer bolts SW5,5/M3, 2pcs                 | <b>4 g</b>                  |
|                  | Steel                      | zinc plated      |        | TS35 Hat mounting rail L175                 | <b>55 g</b>                 |
|                  | Stainless steel            |                  |        | Fasting angle supply 150W                   | <b>25 g</b>                 |
|                  |                            |                  |        |   |                             |
| Others           |                            |                  |        | SV24V-150W Power sup. (150W)                | <b>1125 g</b>               |
|                  | PBT GF, Be/Cu, PVC         |                  |        | 34 pitch Ribbon cable                       | <b>20 g</b>                 |
|                  | PBT GF, Be/Cu, PVC         |                  |        | 20 pitch Ribbon cable L=45                  | <b>3 g</b>                  |
|                  | PA6.6, Cu, CrNi            |                  |        | Final cramp                                 | <b>8 g</b>                  |
|                  | PA6.6, Cu, CrNi            |                  |        | Control wire LIYY                           | <b>10 g</b>                 |
|                  | PA, PBT, PVC, Cu-Alloy, Zn |                  |        | Cable-kit to 2HU, 150W                      | <b>151 g</b>                |
|                  | PA6.6, Cu, CrNi            |                  |        | Disconnection terminal 2,5 MM2 (TS35) 3L    | <b>13 g</b>                 |
|                  | PA6.6, Cu, CrNi            |                  |        | Terminal 2,5 MM2 (TS35)                     | <b>8 g</b>                  |
|                  | PA6.6, Cu, CrNi            |                  |        | Protective terminal 2,5 MM2 (TS35) 3        | <b>11 g</b>                 |
|                  | PA                         |                  |        | Cover plate orange (TS35)                   | <b>4 g</b>                  |
|                  | PC-F, CUZn37               |                  |        | Power socket (EURO) 6.3A TS35               | <b>92 g</b>                 |
|                  | PVC, CU                    |                  |        | Braid AWG 18 UL                             | <b>16 g</b>                 |
|                  | PCB assembled              | FR4              | TBBA   | SnAgCu                                      | FCM2004-A1 PMI- & Mainboard |
| FR4              |                            | TBBA             | SnAgCu | FCI2002-A1 Periphery board (2-loop)         | <b>197 g</b>                |
| FR4              |                            | TBBA             | SnAgCu | Processorboard                              | <b>18 g</b>                 |
| FR4              |                            | TBBA             | SnAgCu | PCB cpl. FTO2007-N1 EVAC-NL Op-eration unit | <b>70 g</b>                 |

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.

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### 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

### Materials:

The device is free from substances banned by the Directive 2002/95/EC (RoHS):  
Pb, Hg, Cr6+, PBB, PBDE: < 0.1 % by weight in homogeneous materials  
Cd: < 0.01 % by weight in homogeneous materials

### 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.

**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.