## SIEMENS



### Environmental Product Declaration

| Product                                   | Type of equipment /<br>Product No.  | FDCIO181-1                 |   | Single I/O module                               |                           |  |  |  |  |  |
|---|---|----------------------------|---|---|---------------------------|--|--|--|--|--|
|   | Product line  | Cerberus Eco               |   |   |                           |  |  |  |  |  |
| Process control                           | Beijing Siemens Cerber  |                            |   |   |                           |  |  |  |  |  |
|   | No. 1 Fengzhi Donglu, Xibeiwang<br>Haidian District, Beijing 100094 PR China  |                            |   |   |                           |  |  |  |  |  |
|   | Management System   |                            | since by                                  |   |                           |  |  |  |  |  |
|   | ISO 14001 (Environme<br>ISO 9001 (Quality)  | nt)                        | 01.10.2000<br>01.04.2001                  | SGS<br>LPCB                                     |                           |  |  |  |  |  |
| 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 with Siemens EP Standard No. 1 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design". |                            |   |   |                           |  |  |  |  |  |
| Product use                               | Typical energy consump  | tion                       |   |   |                           |  |  |  |  |  |
|   | Maintenance   |                            | Not necessary                             |   |                           |  |  |  |  |  |
| Risk of fire                              | Fire protection according   | g to                       | ЗМЈ                                       |   |                           |  |  |  |  |  |
| Packaging                                 | 20-PAP Corrugated fibe  | r board                    | Carton box; Packing for each 15 pieces 12 |   |                           |  |  |  |  |  |
|   | Notes on disposal   |                            | recyclable                                |   |                           |  |  |  |  |  |
| Materials                                 | Total weight of device  |                            |   |   | 92g                       |  |  |  |  |  |
| Direction                                 | DC: belogen free  | The total weight of a devi |   | otal of the weights of all individual component | s due to rounding.<br>23g |  |  |  |  |  |
| Plastics                                  | PC; halogen-free<br>ABS; halogen-free   |                            |   |   |                           |  |  |  |  |  |
|   | PC; halogen-free  |                            | IO-Base                                   |   | 21g<br>10g                |  |  |  |  |  |
| Metals                                    |   |                            |   |   |                           |  |  |  |  |  |
| Others                                    |   |                            |   |   |                           |  |  |  |  |  |
| PCBAs (Printed Circuit Board assembled)   | FR4; TBBA   |                            | FDCI181-1 PCBA                            |   | 38g                       |  |  |  |  |  |
| Special components                        |   |                            |   |   |                           |  |  |  |  |  |

# SIEMENS

(part of the assembled PCB)

|                                 |            |                           |  |  | - |           |           |             |            |             |         |         |
|---------------------------------|------------|---------------------------|--|--|---|-----------|-----------|-------------|------------|-------------|---------|---------|
| *Variant parts list             |            |                           |  |  |   |           |           |             |            |             |         |         |
| [9]                             | FDCIO181-1 |                           |  |  |   |           |           |             |            |             |         |         |
| Total weight of device          | 92         |                           |  |  |   |           |           |             |            |             |         |         |
| FDCH18-M Module cover           | 23         |                           |  |  |   |           |           |             |            |             |         |         |
| IO-Base                         | 21         |                           |  |  |   |           |           |             |            |             |         |         |
| IO-Base                         | 10         |                           |  |  |   |           |           |             |            |             |         |         |
| FDCI181-1 PCBA                  | 38         |                           |  |  |   |           |           |             |            |             |         |         |
|                                 |            |                           |  |  |   |           |           |             |            |             |         |         |
| Fire load [MJ]                  | 3          |                           |  |  |   |           |           |             |            |             |         |         |
| Typical energy consumption      |            |                           |  |  |   |           |           |             |            |             |         |         |
| [kWh/a]                         |            |                           |  |  |   |           |           |             |            |             |         |         |
| Special components (part of the |            |                           |  |  |   |           |           |             |            |             |         |         |
| [pcs]                           |            |                           |  |  |   |           |           |             |            |             |         |         |
| Disposal                        |            | e should n<br>ited by law |  |  |   | municipal | waste. Th | e special t | reatment f | or specific | compone | nts may |

Observe all local and applicable laws.

### Comments

### EU-directive 2011/65/EU (RoHS)

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive.

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.

(Status according to the creation date of this document.)

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.

Beijing Siemens Cerberus Electronic 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.

21.05.2014