



## Environmental Product Declaration

|  |  |                           |                           |
|--|--|---------------------------|---------------------------|
| <b>Product</b>                                 | Type of equipment / Product No.  | QFA2821.EU                | HT Sensor                 |
|  |  | QPA2821.EU                | CO2 Sensor and Notifier   |
|  |  | QPA2822.EU                | CO2 Display Lite          |
| <b>Process control</b>                         | Siemens Switzerland Ltd  |                           |                           |
|  | Smart Infrastructure   |                           |                           |
|  | Theilerstrasse 1a  |                           |                           |
|  | CH-6300 Zug  |                           |                           |
|  | Management System  | since                     | by                        |
| ISO 9001 (Quality)                             | 22-July-1986   | SQS                       |                           |
| ISO 14001 (Environment)                        | 20-October-1998  | SQS                       |                           |
| OHSAS 18001 (OH&S)                             | 01-January-2011  | SQS                       |                           |
| <b>Product use</b>                             | Typical energy consumption   | 1.000kWh/a                |                           |
|  | Maintenance  | Not necessary             |                           |
| <b>Risk of fire</b>                            | Fire protection according to   | IEC 62368-1               |                           |
|  | Fire load  | variant *) see below      |                           |
| <b>Packaging</b>                               | 20-PAP Corrugated fibreboard   | Folding box               | variant                   |
|  | 22-PAP Paper   | Instructions              | variant                   |
|  | Notes on disposal  | One-way, recyclable       |                           |
| <b>Materials</b>                               | Total weight of device   | variant *) see below      |                           |
|  | The total weight of a device may deviate from the total of the weights of all individual components due to rounding. |                           |                           |
| <b>Plastics</b>                                | ABS; low-halogen   | Housing top               | variant                   |
|  | ABS+PC; low-halogen  | Housing top               | variant                   |
|  | ABS; low-halogen   | Housing bottom            | variant                   |
|  | ABS+PC; low-halogen  | Housing bottom            | variant                   |
|  | PC; low-halogen  | Front panel               | variant                   |
|  | PE   | Double coated tape        | variant                   |
| <b>Others</b>                                  | Acrylic  | Sticker front panel       | variant                   |
|  |  | Display                   | variant                   |
|  |  | Solar panel               | variant                   |
|  |  | PPLM                      | 1st battery / accumulator |
| <b>PCBAs (Printed Circuit Board assembled)</b> | PPLM   | 2nd battery / accumulator | variant                   |
|  | FR4; low-halogen; solder SnAgCu  | PCB                       | variant                   |

Smart Infrastructure  
Building Products

\*Variant parts list

|                           | [g]  | QFA2821.EU | QPA2821.EU | QPA2822.EU |
|---------------------------|------|------------|------------|------------|
| Total weight of device    |      | 90         | 99         | 82         |
| Housing top               |      | 17         | 17         |            |
| Housing top               |      |            |            | 24         |
| Housing bottom            |      | 23         | 23         |            |
| Housing bottom            |      |            |            | 16         |
| Front panel               |      |            |            | 13         |
| Double coated tape        |      |            |            | 1          |
| Sticker front panel       |      |            | 2          |            |
| Display                   |      |            |            | 2          |
| Solar panel               |      |            |            | 1          |
| 1st battery / accumulator |      | 15         | 15         |            |
| 2nd battery / accumulator |      | 15         | 15         |            |
| PCB                       |      | 20         | 27         | 25         |
| Fire load                 | [MJ] | 2          | 2          | 3          |
| Packaging                 |      |            |            |            |
| Folding box               | [g]  | 16         | 16         | 12         |
| Instructions              |      | 2          | 2          | 3          |

Disposal



The symbol or any other national label indicates the product, its packaging and where applicable, any removed batteries may not be disposed as part of normal waste. Delete any personal data and dispose of the item via separate collection and recycling facilities in accordance with local and national regulations. For additional details, refer to [www.siemens.com/bt/disposal](http://www.siemens.com/bt/disposal).

For country-specific requirements regarding further disposal information:  
<http://www.siemens.com/download?A6V13734633>

Comments

EU-directive 2011/65/EU (RoHS)

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive, including the 4 phthalates added to Annex II in 2015.

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 meeting the criteria laid down in Article 57 of Regulation (EC) 1907/2006 and identified in accordance with Article 59(1) of EU REACH concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w. Contained REACH candidate substances, which will become known at a later date, are listed on the delivery note.

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

The device is low-halogen.

**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.