



Environmental Product Declaration

Product

| | | |
|---------------------------------|---------------------|---|
| Type of equipment / Product No. | AEW36.2 AEW310.2 | Q AMR pulse adapter Q MBus pulse adapter |
|---------------------------------|---------------------|---|

Product line, product range Electronic pulse adapter

Process control

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| | | |
|-------------------|------------|-----|
| Management System | since | by |
| ISO 9001 | 22.07.1986 | SQS |
| ISO 14001 | 20.10.1998 | SQS |
| OHSAS 18001 | 01.01.2011 | SQS |

Maintenance no maintenance

Risk of fire

| | |
|------------------------------|----------------------|
| Fire protection according to | EN 60950 |
| Fire load | variant *) see below |

Packaging

| | | |
|-------------------------------|------------------|-----|
| 20-PAP Corrugated fiber board | single packaging | 34g |
| Notes on disposal | recyclable | |

Materials

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.

| | | | |
|--|---------------------------|---------------------------|------------|
| Plastics | ABS+PC | mounting plate | 15g |
| | ABS+PC | housing 1 | 32g |
| | PP | housing 2 | 8g |
| | PC | cover | 17g |
| Metals | steel CrNi | screw | 2g |
| Others | silicone rubber, PVC | Cable / Wire | variant |
| | PC | cable connectors | 5g |
| | | 1st battery / accumulator | 22g |
| PCBAs (Printed Circuit Board assembled) | FR4; solder SnAgCu | PCB | variant |
| Special components (part of the assembled PCB) | 1st battery / accumulator | CR 2/3 AA, Li-MnO2 | 1pcs (22g) |

Weights in brackets are already included in components declared under materials. (part of the assembled PCB)

*Variant parts list

| | | | | | | | | | | | | |
|------------------------|---------|----------|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | |
| | AEW36.2 | AEW310.2 | | | | | | | | | | |
| [g] | 157 | 183 | | | | | | | | | | |
| Total weight of device | 15 | 51 | | | | | | | | | | |
| Cable / Wire | 43 | 32 | | | | | | | | | | |
| PCB | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|-----------|------|---|---|--|--|--|--|--|--|--|--|--|--|--|
| Fire load | [MJ] | 6 | 7 | | | | | | | | | | | |
|-----------|------|---|---|--|--|--|--|--|--|--|--|--|--|--|

Disposal



The device is classified as waste electronic equipment in terms of the European Directive 2012/19/EU (WEEE) and must not be disposed of as unsorted municipal waste. Regarding disposal, use the systems setup for collecting electronic waste. 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)

The device contains the following 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.
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME), CAS-Nr.CAS-Nr. 110-71-4

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

The device is halogen-free with exception of:
PVC cable

Environmental benefits

The pulse adapter AEW3xx enables the subsequent integration of consumption meters in a Q M-Bus or AMR system. Suitable for meters for warm or cold water, heat, gas and electricity. The device records and processes the impulses from one or two consumption meters with impulse output. The consumption values can then be accessed by an M-Bus central unit via the M-Bus. The device helps to save energy.

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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.
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Please contact your local Siemens branch office to get further information on environmental aspects and disposal.