



Environmental Product Declaration

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|-------------------------|---|--|------------------|
| Product | Type of equipment | VVI46../1 / VXI46../1 | |
| | Designation | 2-port and 3-port zone valves, PN16 | |
| | Product line | Acvatix™ | |
| Process control | Beijing Siemens Cerberus Electronics Ltd. | | |
| | Building Technologies Division | | |
| | No.1, Feng Zhi Dong Lu, Xi Bei Wang, Haidian District | | |
| | 100094, Beijing, China | | |
| | Management system certified | Since | by |
| ISO 14001 (environment) | May 2005 | SGS | |
| ISO 9001 (quality) | November 2006 | LPCB | |
| Product use | Maintenance | Not necessary | |
| Packaging | Folded box | 20-PAP Corrugated fiber board | 25...31 g |
| | Notes on disposal | One-way, recyclable | |
| | Large volume shipment | Wooden pallet | 8000g |
| | Notes on disposal | Multiple use, recyclable | |

| Materials | | Total weight of device | 284...633 g |
|------------------|-----------------|--|--------------------|
| Plastics | PA6 | Manual adjuster, supporting ring | 8.3 g |
| | EPDM | O-ring | 0.3 g |
| Metals | CuZn | Body, washer, plug, guide bush, bonnet | 269...618 g |
| | Stainless steel | Stem, spring | 6.5 g |

The total weight of a device may deviate from the total of the weights of all individual components due to rounding.

| Special components | Lubrication | Silicone-free oil | 1 g |
|---------------------------|-------------|-------------------|------------|
|---------------------------|-------------|-------------------|------------|

Disposal
The device should not be disposed of as unsorted municipal waste. The special treatment for specific components may be mandated by law or ecologically sensible.
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.

The device is halogen-free.

All material used by the zone valves are environmentally compatible.

Environmental Benefits:

Due to their robust design, the zone valves have an extremely long service life and are maintenance-free.

| ASN | SSN | DN | Total Weight |
|------------|-------------|----|--------------|
| VVI46.15/1 | S55249-V100 | 15 | 284 g |
| VVI46.20/1 | S55249-V101 | 20 | 314 g |
| VVI46.25/1 | S55249-V102 | 25 | 524 g |
| VXI46.15/1 | S55249-V103 | 15 | 341 g |
| VXI46.20/1 | S55249-V104 | 20 | 376 g |
| VXI46.25/1 | S55249-V105 | 25 | 633 g |

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.

Beijing Siemens Cerberus Electronics 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.