



Environmental Product Declaration

Product

Type of equipment / Product No. VHF41...Q

Designation Differential Pressure Valve

Product line, Product range Valve

Process control

Beijing Siemens Cerberus Electronic Ltd.
Building Technologies Division
No.1 Fengzhi East Road, Xi Bei Wang,
HaiDian District, Beijing 100094, China

Management System since by
ISO 9001 (Quality) 01-June-2001 LPCB
ISO 14001 (Environment) 07-May-2005 SGS

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 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".

Maintenance Not necessary

Risk of fire

Fire protection according to EN 60730-1
Fire load variant *) see below

Packaging

20-PAP Corrugated fibreboard Cardboard&paper variant
50-FOR Wood Plywood case,Pallet variant
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	PE	Spring cover	variant
Metals	GJS450; lacquered	Body,Bonnet	variant
	Cu	Testing Point,Stuffing nut,Joint,Impulse tube	variant
	Steel stainless	Basket,Disc,Bolt,Nut,Diaphragm cavity,Plug,Pin,Gasket,Spindle,Spring back,Stem,Ferrule fitting	variant
	55CrSi; powder-coated	Spring	variant
	Steel stainless	Spring	variant
Others	EPDM	Diaphragm, Sealing rubber gasket&o-ring	variant

*Variant parts list

Total weight of device
PE
GJS450; lacquered

[g]	VHF41K65Q	VHF41K80Q	VHF41K100Q	VHF41K125Q	VHF41K150Q	VHF41K200Q	VHF41K250Q
Total weight of device	17,287	20,376	26,489	34,228	46,756	87,468	133,330
PE	170	180	190	550	600	780	1,030
GJS450; lacquered	13,637	15,889	21,432	26,602	38,330	77,730	117,510

Smart Infrastructure
Building Products

Cu	560	560	560	560	560	560	690
Steel stainless	2,434	3,090	3,630	5,401	6,008	6,340	11,905
55CrSi; powder-coated						1,900	1,900
Steel stainless	421	588	588	1,100	1,100		
EPDM	64	68	88	14	157	158	295
Fire load [MJ]	8	9	9	25	27	36	47
Packaging							
20-PAP Corrugated fibreboard [g]	1,350	1,500	1,800	2,400	500	500	500
50-FOR Wood					10,000	13,000	27,000

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.

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)

The device contains the following 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, including those which will become known at a later date, are listed on the delivery note.

Lead, CAS-Nr.7439-92-1

(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.