



Environmental Product Declaration

Product

Type of equipment / Product No.	3NB1025-1KK10	SITOR Fuse 160A aR 600Vdc/800V VSI
	3NB1131-0KK10	SITOR Fuse 315A aR 440Vdc/500V VSI
	3NB1136-1KK15	SITOR Fuse 450A aR 600Vdc/1100V VSI
	3NB1142-1KK11	SITOR Fuse 630A aR 600Vdc/750V VSI
	3NB1242-0KK10	SITOR Fuse 630A aR 440Vdc/500V VSI
	3NB1242-3KK15	SITOR Fuse 630A aR 1000Vdc/1250V VSI
	3NB1247-1KK15	SITOR Fuse 900A aR 500Vdc/600V VSI
	3NB1343-4KK15	SITOR Fuse 710A aR 1100Vdc/1800V VSI
	3NB1352-1KK11/ 3NB1345-3KK11	1250A aR 500Vdc/900V / 800A aR 800Vdc/1000V
	3NB1352-1KK12/ 3NB1345-3KK12	1250A aR 500Vdc/900V / 800A aR 800Vdc/1000V
	3NB1725-0KK10	SITOR Fuse 160A aR 440Vdc/700V VSI
	3NB1726-0KK13	SITOR Fuse 200A aR 440Vdc/700V VSI
Product line	SITOR DC-Fuses aR	

Process control

SIEMENS AG	
Siemensstr. 10	
93055 Regensburg, Germany	
Management System	since
ISO 9001 (Quality)	15.12.1993
ISO 14001 (Environment)	08.09.1999
OHSAS 18001 (OH&S)	28.06.2011

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".

Product use

Typical energy consumption	variant *) see below
Maintenance	Not necessary

Packaging

20-PAP Corrugated cardboard	Packaging	variant
22-PAP Paper	Packaging	variant

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.

Metals

CuZn37	Lock bushing unperf. (CuZn/Cu1Sn3)	variant
Ag	Fuse element	variant
EN AW-AMg3 H26	cover plates	variant
St (ungehärtet); zinc plated	screw	variant
X 10 CrNi 18 8 + C1700	Anzeigefeder / spring	variant
X 10 CrNi 18 8 + C1700	Kontaktblech	variant
Cu-ETP	Profilstück Gr.0 / contacts	variant
X5CRNiM01810	DRT (1.4401) 0.18 X5CRNiM01810 AUF SPU +	variant
CuZn37	screw	variant
CuNi44	wire isotan	variant
CuZn37	washer for contacts	variant
CuZn37	cup with holes	variant
CuZn37; nickel plated	cup	variant
CuZn37	side boards	variant
CuZn37; nickel plated	holder	variant
Cu-DHP; tin plated	busbars	variant
Dichtung/ Papier/ Pappe	Dichtung / washer	variant
Keramik C 620 DIN EN 60672	Sicherungskörper / ceramic body	variant
Kieselöl	Kieselöl 200/ 40%	variant
Quarzsand / silica sand	Quarzsand WS S59007 T	variant
silicone	neutral silicone sealant-fluid type	variant
glass	insert	variant

*Variant parts list

	3NB1025-1KK10	3NB1131-0KK10	3NB1136-1KK15	3NB1142-1KK11	3NB1242-0KK10	3NB1242-3KK15	3NB1247-1KK15	3NB1343-4KK15	3NB1352-1KK11/ 3NB1345-3KK11	3NB1352-1KK12/ 3NB1345-3KK12	3NB1725-0KK10	3NB1726-0KK13
Total weight of device [g]	328	437	572	619	612	1.333	799	2.165	1.078	994	225	200
Lock bushing unperf. (CuZn/Cu1Sn3)	4		2				4		2	4	2	
Fuse element	2	5	4	8	13	25	4	42	18	18	2	2
cover plates	10	31	0				34	160	165	149	10	
screw	5	16	27	16	16	18	27	10	10	10	5	6
Anzeigefeder / spring	2	1	0		1		0	0	0	0	2	1
Kontaktblech	0		50				60	180	140		0	
Profilstück Gr.0 / contacts	59	83	90	79	118	112	105	140	90	160	35	
DRT (1.4401) 0.18 X5CRNiM01810	24						40	0	0	0	24	
screw		6		6	6	6		12	12	12		
wire isotan		0			0							0
washer for contacts		10		24	26	37						
cup with holes		0		0	0	0						0
cup		0		0	0	0						0
side boards				57	99	104						
holder												4
busbars												65
Dichtung / washer	2	3	3	6	6	8	3	20	41	41	2	3

Sicherungskörper / ceramic body	159	203	230	340	210	770	320	1.000	400	400	95	92
Kieselöl 200/ 40%	10		40				50		0	0	7	
Quarzsand WS S59007 T	50	72	125	76	110	242	150	600	200	200	40	25
neutral silicone sealant-fluid type		4		4	5	4						1
insert		2		2	2	7						

Typical energy consumption

[kWh/a]	246	477	666	891	636	1.143	1.157	1.928	1.472	1.297	267	267
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Packaging

Packaging

Packaging

[g]	90	47	90	111	55	31	90	90	90	90	90	33
	5	0	5	0	0	0	5	5	5	5	5	0

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. The relevant national legal rules are to be adhered too. 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.

Lead, CAS-Nr.7439-92-1

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

The device is halogen-free.

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 AG 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.