



Environmental Product Declaration

Product

Type of equipment / Product No.	3NP1131-1CA14	switch disconnecter flat EFM15 (ACDC)
	3NP1133-1CA14	switch disconnecter flat EFM15 (3AC)
	3NP1141-1DA14	switch disconnecter flat EFM15 (ACDC)
	3NP1143-1DA14	switch disconnecter flat EFM15 (3AC)
	3NP1151-1DA14	switch disconnecter flat EFM15 (ACDC)
	3NP1153-1DA14	switch disconnecter flat EFM15 (3AC)
	3NP1161-1DA14	switch disconnecter flat EFM15 (ACDC)
	3NP1163-1DA14	switch disconnecter flat EFM15 (3AC)
Product line	3NP11...-1.A14 main devices with EFM 15	

Process control

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

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 not often switched devices!
Maintenance	Not necessary
Fire load	variant *) see below

Packaging

22-PAP paper	variant
PE	variant
Notes on disposal	recyclable

Materials

Total weight of device	369 ... 4.129g
The total weight of a device may deviate from the total of the weights of all individual components due to rounding.	
Plastics	PA66; GF 25%; halogen-free variant
	PA6; GF 20%; halogen-free variant
	PA6; GF 20%; halogen-free variant
	PC; halogen-free variant
Metals	Cu; silver plated variant
	Steel; zinc plated variant
	Steel; heated variant
PCBAs (Printed Circuit Board assemblies)	FR4; halogen-free; solder SnAgCu variant

assembled) —

*Variant parts list

	3NP1131-1CA14	3NP1133-1CA14	3NP1141-1DA14	3NP1143-1DA14	3NP1151-1DA14	3NP1153-1DA14	3NP1161-1DA14	3NP1163-1DA14
PA66; GF 25%; halogen-free	94	159	323	587	466	815	469	884
PA6; GF 20%; halogen-free	173	382	423	969	478	1.176	553	1.403
PA6; GF 20%; halogen-free	4	5	4	5	4	5	4	5
PC; halogen-free			18	61	21	72	25	84
Cu; silver plated	38	114	149	448	282	845	416	1.249
Steel; zinc plated	40	99	123	360	141	413	146	429
Steel; heated	4	12	4	13	8	25	15	46
FR4; halogen-free; solder SnAgCu	16	29	16	29	16	29	16	29
Fire load	7	14	19	41	24	51	26	59

Typical energy consumption

[kWh/a]	100	300	192	575	283	849	400	1.199
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Packaging

22-PAP paper

PE

[g]	104	186	322	289	382	330	382	372
	3	3	5	5	5	5	5	5

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)

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 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.

(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.

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10.10.2018