



Environmental Product Declaration

Product	Type of equipment / Product No.	3NP1161-1DA10	switch disconnecter flat				
		3NP1161-1DA20	switch disconnecter box				
		3NP1164-1DA10	switch disconnecter flat				
		3NP1164-1DA20	switch disconnecter box				
		3NP1164-1BC10	switch disconnecter flat busb.60mm				
		3NP1164-1BC20	switch disconnecter box busb.60mm				
	Product line	3NP116.-1...0 main devices size 3					
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					
	Notes on disposal	recyclable					
Materials	Total weight of device	1.579 ... 6.827g					
	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					
	PC; halogen-free	variant					
	PVC rigid; halogenated	variant					
Metals	PA66; halogen-free	variant					
	Cu; silver plated	variant					
	Steel; zinc plated	variant					
	Steel; heated	variant					
	Cu; zinc plated	variant					
*Variant parts list	[g]	3NP1161-1DA10	3NP1161-1DA20	3NP1164-1DA10	3NP1164-1DA20	3NP1164-1BC10	3NP1164-1BC20
PA66; GF 25%; halogen-free		469	469	1.353	1.353	1.610	1.610
PA6; GF 20%; halogen-free		514	514	1.829	1.829	1.829	1.829
PC; halogen-free		25	25	109	109	109	109
PVC rigid; halogenated				12	12	12	12
PA66; halogen-free				4	4	4	4
Cu; silver plated		416	411	1.665	1.644	2.106	2.092

Steel; zinc plated		139	270	557	1.081	673	902
Steel; heated		15	15	61	61	61	61
Cu; zinc plated			83		331	38	207
Fire load	[MJ]	25	25	81	81	87	87
Typical energy consumption							
	[kWh/a]	400	400	1.199	1.199	1.199	1.199
Packaging							
22-PAP paper	[g]	363	363	732	732	732	732

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.)

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