



Environmental Product Declaration

Product

| | | |
|------------------------------------|---|--|
| Type of equipment / Product No. | 3NP1121-1CA20 | switch disconnecter |
| | 3NP1124-1CA20 | switch disconnecter |
| | 3NP1124-1BC20 | switch disconnecter busbar 60mm |
| | 3NP1921-1EE10 | busbar mounting 60mm-adapter |
| | 3NP1924-1ED10 | mounting kit f. busbar 60mm |
| | 3NP1921-1EC00 | mounting kit 1pol-1pol and 1pol-3pole |
| | 3NP1921-1GA00 | handle unit |
| | 3NP1921-1CB00 | cable connection cover |
| | 3NP1924-1MA20 | isolating blade |
| | 3NP1921-1EA00 | mounting kit standard DIN-rail |
| | 3NP1923-1CA30 | reach around protection f. busbar 60mm comp. |
| | 3NP1924-1EA00 | mounting kit standard DIN-rail |
| Product line | 3NP112.-1..20 main device 000 3NP192.-1...0 accessories for 3NP1 size 000 (1pol and 4pole) | |

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 |
| 6-PS | variant |
| PE | variant |
| Notes on disposal | recyclable |

Materials

| | |
|--|--|
| Total weight of device | 8 ... 1.263g |
| 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 |
| Metals | Cu; silver plated variant Steel; tinned variant Steel; zinc plated variant Steel; heated variant Cu; tinned variant |

*Variant parts list

| | 3NP1121-1CA20 | 3NP1124-1CA20 | 3NP1124-1BC20 | 3NP1921-1EE10 | 3NP1924-1ED10 | 3NP1921-1EC00 | 3NP1921-1GA00 | 3NP1921-1CB00 | 3NP1924-1MA20 | 3NP1921-1EA00 | 3NP1923-1CA30 | 3NP1924-1EA00 |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| PA66; GF 25%; halogen-free | 74 | 225 | 494 | 92 | 80 | | | | | | 40 | |
| PA6; GF 20%; halogen-free | 86 | 252 | 322 | 26 | 33 | 7 | 66 | 26 | | | | |
| PC; halogen-free | 5 | 20 | 20 | | | | 5 | | | | | |
| Cu; silver plated | 26 | 104 | 169 | | | | | | | | | |
| Steel; tinned | | | 12 | | | | | | 33 | | | |
| Steel; zinc plated | 22 | 88 | 208 | 74 | 37 | | | | | 17 | | 62 |
| Steel; heated | 4 | 16 | 16 | | | | | | | | | |
| Cu; tinned | | | 21 | 66 | 33 | | | | 50 | | | |
| Fire load | [MJ] 5 | 13 | 21 | 3 | 3 | 1 | 2 | 1 | | | 1 | |

Typical energy consumption

| | | | | | | | | | | | | |
|---------|----|-----|-----|--|--|--|--|--|--|--|--|--|
| [kWh/a] | 75 | 225 | 225 | | | | | | | | | |
|---------|----|-----|-----|--|--|--|--|--|--|--|--|--|

Packaging

22-PAP paper

6-PS

PE

| | | | | | | | | | | | | |
|-----|----|----|-----|----|----|----|----|---|----|----|---|----|
| [g] | 60 | 82 | 417 | 60 | 85 | 11 | 45 | | 49 | 19 | | 19 |
| | | | | | | | 4 | | | | | |
| | | | | 5 | | 6 | | 8 | 5 | 5 | 8 | 4 |

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.

##

10.10.2018