



## Environmental Product Declaration

### Product

Type of equipment / Product No.	5TL1120-0;5TL1132-0; 5TL1140-0;5TL1163-0 On-Off-Switch 1MW; 1NO in 20-63A 5TL1220-0;5TL1232-0; 5TL1240-0;5TL1263-0 On-Off-Switch 2MW; 2NO in 20-63A 5TL1520-0;5TL1532-0; 5TL1540-0;5TL1563-0 On-Off-Switch 2MW; 1NO+N in 20-63A 5TL1320-0;5TL1332-0; 5TL1340-0;5TL1363-0 On-Off-Switch 3MW; 3NO in 20-63A 5TL1420-0;5TL1432-0; 5TL1440-0;5TL1463-0 On-Off-Switch 4MW; 4NO in 20-63A 5TL1620-0;5TL1632-0; 5TL1640-0;5TL1663-0 On-Off-Switch 4MW; 3NO+N in 20-63A 5TL1180-0;5TL1191-0; 5TL1191-1;5TL1192-0 On-Off-Switch 1MW; 1NO in 80-125A 5TL1280-0;5TL1291-0; 5TL1291-1;5TL1292-0 On-Off-Switch 2MW; 2NO in 80-125A 5TL1380-0;5TL1391-0; 5TL1391-1;5TL1392-0 On-Off-Switch 3MW; 3NO in 80-125A 5TL1480-0;5TL1491-0; 5TL1492-0 On-Off-Switch 4MW; 4NO in 80-125A 5TL1680-0;5TL1691-0; 5TL1691-1;5TL1692-0 On-Off-Switch 4MW; 3NO+N in 80-125A 5TL1192-3;5TL1192-4 Connector 1MW for Neutral or Phase
Product line	5TL1[1-6][20,32,40,63]-[0-9] 20-63A in 1-4 module width; Terminal 25mm <sup>3</sup> 5TL1[1-6][80,91,92]-[0-9] 80-125A in 1-4 module width; Terminal 50mm <sup>3</sup> OnOff-Switch with function "switching" Connector with function "connect, no switching"

### Process control

Siemens AG Siemensstraße 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".

Fire load variant \*) see below

### Packaging

20-PAP Wellpappe	variant
Notes on disposal	One-way, 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

BMC (UF); halogen-free	variant
PA66; GF 30%; halogen-free	variant
PBT; GF 30%; halogen-free	variant
PBT; halogen-free	variant
PP; halogen-free	variant

#### Metals

Steel; galvanized	variant
Steel; nickel plated	variant
Cu	variant
Steel; copper plated	variant
Cu + AgNi 10	variant
Steel	variant
Al	variant

**\*Variant parts list**

	5TL 1120-0;5TL 1132-0; 5TL 1140-0;5TL 1163-0	5TL 1220-0;5TL 1232-0; 5TL 1240-0;5TL 1263-0	5TL 1520-0;5TL 1532-0; 5TL 1540-0;5TL 1563-0	5TL 1320-0;5TL 1332-0; 5TL 1340-0;5TL 1363-0	5TL 1420-0;5TL 1432-0; 5TL 1440-0;5TL 1463-0	5TL 1620-0;5TL 1632-0; 5TL 1640-0;5TL 1663-0	5TL 1180-0;5TL 1191-0; 5TL 1191-1;5TL 1192-0	5TL 1280-0;5TL 1291-0; 5TL 1291-1;5TL 1292-0	5TL 1380-0;5TL 1391-0; 5TL 1391-1;5TL 1392-0	5TL 1480-0;5TL 1491-0; 5TL 1492-0	5TL 1680-0;5TL 1691-0; 5TL 1691-1;5TL 1692-0	5TL 1192-3;5TL 1192-4
Total weight of device [g]	98	196	196	293	395	395	107	215	321	431	432	94
BMC (UF); halogen-free	57	114	114	171	228	228	57	115	172	230	230	55
PA66; GF 30%; halogen-free	2	4	4	6	9	9	2	4	6	9	9	
PBT; GF 30%; halogen-free	1	2	2	3	4	4	1	2	3	3	3	1
PBT; halogen-free	1	1	1	1	2	2	1	1	1	2	2	1
PP; halogen-free		0	0	0	0	0		0	0	0	0	
Steel; galvanized	18	35	35	53	75	75	22	44	65	91	91	21
Steel; nickel plated	3	6	6	10	13	13	3	6	10	13	13	
Cu	4	7	7	11	14	14	13	26	39	52	52	13
Steel; copper plated	7	15	15	22	30	30						
Cu + AgNi 10	1	2	2	3	4	4	1	2	3	4	4	
Steel	1	3	3	4	5	5	4	9	13	17	17	
Al	2	5	5	8	10	10	2	5	8	10	10	2
Fire load [MJ]	1,012	2,003	2,003	2,992	4,013	4,013	1,019	2,016	3,011	4,012	4,012	0,935
Packaging												
20-PAP Wellpappe [g]	13	15	15	17	21	21	13	15	17	21	21	13

**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 to. 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.