



## Environmental Product Declaration

Product	Type of equipment / Product No.	3VA2110-5HL36-0AA0	MCCB 100 A, 3-pole
		3VA2116-5HL36-0AA0	MCCB 160 A, 3-pole
		3VA2225-5HL32-0AA0	MCCB 250 A, 3-pole
	Product line	3VA2[0,1,2]xx-xxx3x-xAAx Molded Case Circuit Breaker, Frame size 100/160/250 A, 3-pole [IEC] 3VA6[1,2]xx-xxx3x-xAAx Molded Case Circuit Breaker, Frame size 150/250 A, 3-pole [UL]	
Process control	Siemens AG Siemensstr. 10 993055 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 Corrugated fiber board	Package	164g
	22-PAP paper	Instruction & Label	31g
	2-HDPE	Bag for consumables	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.		
Plastics	BMC (UP)		variant
	PA	Housing	variant
	PA66; GF 25%		variant
	PA66; GF 65%		6g
	PBT		variant
	PC		variant
	PES; GF 30%		3g
	PPS; GF 65%		46g
	SMC		variant
Metals	AgW		variant
	Cu; galvanized		variant
	Steel		variant
	Steel; lacquered		48g
Others	Cu/PU; laquered	Cable / Wire	34g
	Cu/ETFE	Cable / Wire	13g
	Epoxy	Filler	25g
	Glas	Filler	35g
	Grease	Grease	10g
	Steel; zinc-plated	Toroid	30g

PCBAs (Printed Circuit Board assembled)	FR4; solder SnAgCu	ETU 320 (PCB with 3 mounted parts)	29g
Special components (part of the assembled PCB)	μUSB Connector μUSB Connector Plug-Male 16 PIN	Steel Steel, LCP Cu, Thermoplastic	

**\*Variant parts list**

	[g]	3VA2110-5HL36-0AA0	3VA2116-5HL36-0AA0	3VA2225-5HL32-0AA0
Total weight of device		2.204	2.204	2.144
BMC (UP)		346	346	28
PA		363	375	370
PA66; GF 25%		52	52	52
PBT		12		
PC		30	30	30
SMC				335
AgW		14	14	16
Cu; galvanized		329	329	443
Steel		780	780	592
Fire load	[MJ]	22	22	19
Packaging				
Bag for consumables		4	4	10

**Disposal**

The device should not be disposed of as unsorted municipal waste. The special treatment for specific components may be mandated by law or ecologically sensible. 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.

**Further notes and comments:**

For all products listed above the concentration of each halogen (fluorine, chlorine, bromine, iodine) is less than or equal to 0.1 %. Thus the products are considered as halogen-free according to DIN VDE V 0604-2-100.

<p><b>Legal Disclaimer: This declaration is for information purpose only.</b></p> <p>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.</p> <p>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.</p>
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Please contact your local Siemens branch office to get further information on environmental aspects and disposal.