



Environmental Product Declaration

Product	Type of equipment / Product No.	3VA9157-0FK21	Door mounted rotary operator standard IEC IP65 with door interlocking accessory for: 3VA1 100/160	
		3VA9257-0FK21	Door mounted rotary operator standard IEC IP65 with door interlocking accessory for: 3VA1 250	
		3VA9267-0FK21	Door mounted rotary operator standard IEC IP65 with door interlocking accessory for: 3VA2 100/160/250	
		3VA9467-0FK21	Door mounted rotary operator standard IEC IP65 with door interlocking accessory for: 3VA2 400/630	
	Product line	3VA9157-0FKxx, 3VA9257-0FKxx, 3VA9267-0FKxx, 3VA9467-0FKxx Door mounted manual operator for 3VA molded case circuit breaker		
Process control	Siemens AG Werner-von-Siemens-Str. 29 93413 Cham / Germany			
	Management System	since	by	
	ISO 9001 (Quality)	28.02.1992	DQS	
	ISO 14001 (Environment)	20.10.1995	DQS	
	OHSAS 18001 (OH&S)	18.10.2010	DQS	
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".			
Packaging	22-PAP paper	Package	variant	
	22-PAP paper	Instruction & Label	15.0g	
	2-HDPE	Bag for consumables	10.0g	
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	PA6; GF 50%		variant
		PA66; GF 50%		variant
	Metals	PC; GF 25%	Housing	variant
		Steel		5.0g
	Others	Steel; zinc plated		variant
		Cu/ Megolon S650	Cable / Wire	4.7g
	PCBAs (Printed Circuit Board assembled)	FR4; halogen-free; solder SnAgCu	Grease	variant
			PCB	1.6g
Special components (part of the assembled PCB)	Passive components	Resistor	(0.2g)	
	Active components	LED	(0.2g)	
	Active components	Rectifier	(0.2g)	

***Variant parts list**

	[g]	3VA9157-0FK21	3VA9257-0FK21	3VA9267-0FK21	3VA9467-0FK21
Total weight of device		400.3	416.3	475.3	531.3
PA6; GF 50%		155.0	150.0	175.0	188.0
PA66; GF 50%		39.0	50.0	72.0	93.0
PC; GF 25%		37.0	47.0	58.0	78.0
Steel; zinc plated		156.0	156.0	157.0	158.0
Grease		2.0	2.0	2.0	3.0
Packaging					
Package	[g]	17.0	17.0	35.0	35.0

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.

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.