

Product Environmental Profile

Compact NSX250F 3P3T Circuit Breaker with Micrologic 2.2 Trip Unit





General information

Representative product	Compact NSX250F 3P3T Circuit Breaker with Micrologic 2.2 Trip Unit - LV431770
Description of the product	The Compact NSX250F 3 pole circuit breaker equipped with Micrologic 2.2 trip unit is designed to provide protection against overloads and short-circuits for industrial and commercial electrical distribution systems with assigned voltage upto 690VAC and rated current of 250A.
Functional unit	This product is to protect the installation during 20 years against overloads and short-circuits in circuit with assigned voltage 690VAC and rated current 250A. This protection is ensured in accordance with the following parameters: - Number of poles = 3 - Rated service breaking capacity Ics at 380/415 V AC = 36 kA (according to IEC 60947-2) - Tripping curve = Long time and instantaneous protections

Constituent materials

Reference product mass	2050 g including the product, its packaging and additional elements and accessories
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Manufacturing	
Installation Use	



[illegible]

Waste categories	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
Hazardous waste disposed	kg	1,68E+02	1,43E+02	0*	0*	2,26E+01	2,90E+00
Non hazardous waste disposed	kg	1,38E+02	1,02E+01	1,58E-02	1,54E-01	1,27E+02	0*
Radioactive waste disposed	kg	9,84E-03	5,62E-03	1,13E-05	0*	4,19E-03	1,41E-05
Other environmental information	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
Materials for recycling	kg	1,20E+00	1,72E-01	0*	0*	0*	1,03E+00
Components for reuse	kg	0,00E+00	0*	0*	0*	0*	0*
Materials for energy recovery	kg	5,41E-02	5,85E-03	0*	0*	0*	4,83E-02
Exported Energy	MJ	7,60E-03	0*	0*	7,60E-03	0*	0*

* represents less than 0.01% of the total life cycle of the reference flow

Life cycle assessment performed with EIME version EIME v5.5, database version 2015-04.

The use phase is the life cycle phase which has the greatest impact on the majority of environmental indicators (based on compulsory indicators).

Please note that the values given above are only valid within the context specified and cannot be used directly to draw up the environmental assessment of an installation.

Registration N°	SCHN-00198-V01.01-EN	Drafting rules	PCR-ed3-EN-2015 04 02
Verifier accreditation N°	VH08	Supplemented by	PSR-0005-ed2-EN-2016 03 29
Date of issue	03/2017	Information and reference documents	www.pep-ecopassport.org
		Validity period	5 years
Independent verification of the declaration and data, in compliance with ISO 14025 : 2010			
Internal	External	X	
The PCR review was conducted by a panel of experts chaired by Philippe Osset (SOLINNEN)			
The elements of the present PEP cannot be compared with elements from another program.			
Document in compliance with ISO 14025 : 2010 « Environmental labels and declarations. Type III environmental declarations »			

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