Product Environmental Profile

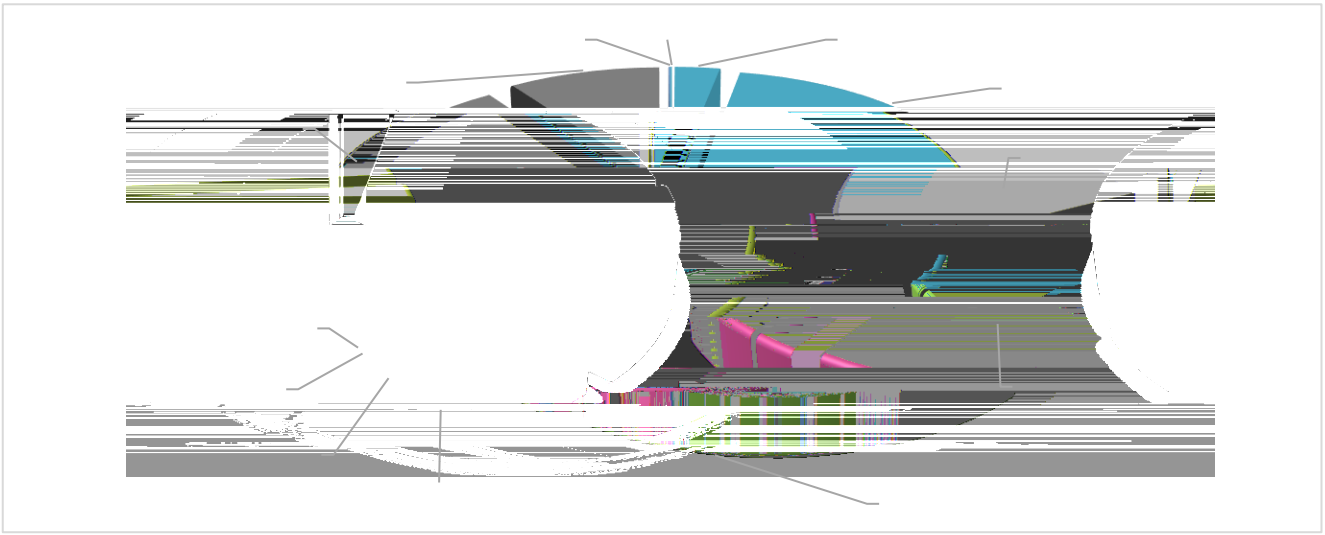
VIGI iTG40 1PN 30mA AC 25A

General information

Representative product	VIGI iTG40 1PN 30mA AC 25A - A9Y12625
Description of the product	Assembled with circuit breaker, it provides protection of persons against electric shock by direct contact and indirect contact, protection against fire ignition by leakage currents, and protection of loads against supply voltage increase.
Functional unit	Protect during 20 years people and premises at risk of fire or explosion against insulation defects in circuit with assigned voltage 230V and rated current 25A. This protection is ensured in accordance with the following parameters: - Number of poles 1P+N - Sensitivity 30mA - Type of differential protection AC

Constituent materials

Reference product mass	119.2 g including the product, its packaging and additional elements and accessories



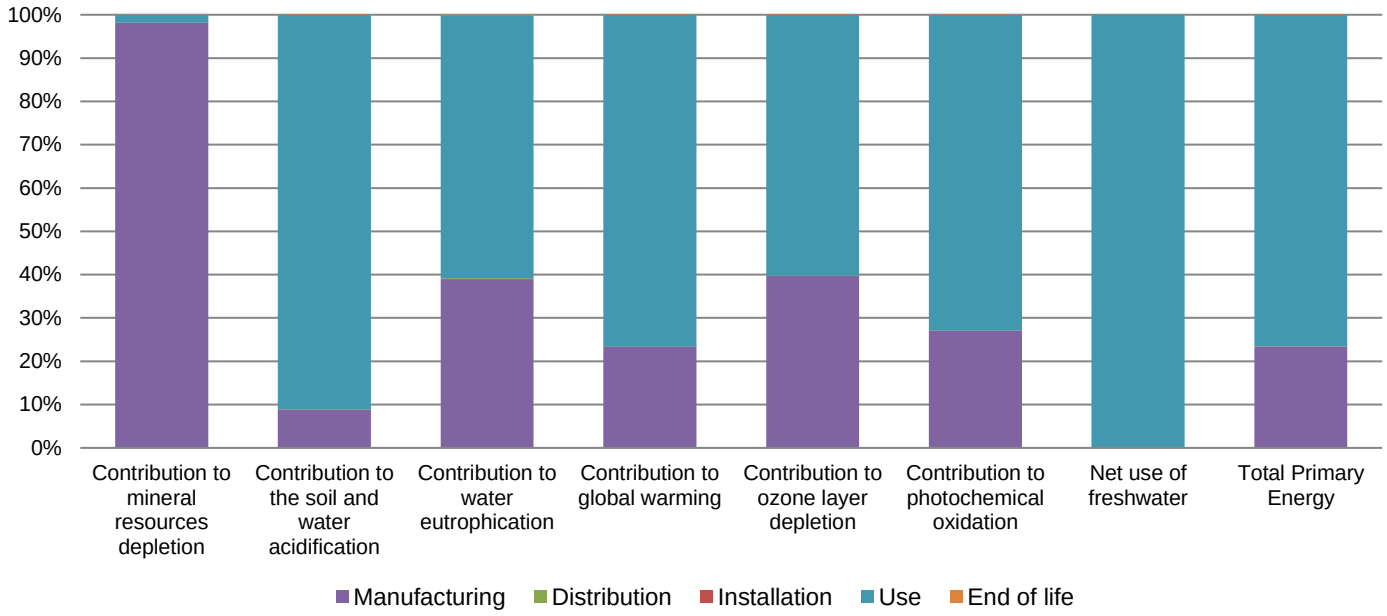
Plastics	29.8%
Metals	37.3%
Others	32.8%

Substance assessment

Products of this range are designed in conformity with the requirements of the RoHS directive (European Directive 2011/65/EU of 8 June 2011) and do not contain, or only contain in the authorised proportions, lead, mercury, cadmium, hexavalent chromium or flame retardants (polybrominated biphenyls - PBB, polybrominated diphenyl ethers - PBDE) as mentioned in the Directive

As the products of the range are designed in accordance with the RoHS Directive (European Directive 2002/95/EC of 27 January 2003), they can be incorporated without any restriction in an assembly or an installation subject to this Directive.

Details of ROHS and REACH substances information are available on the Schneider-Electric Green Premium website
http://www2.schneider-electric.com/sites/corporate/en/products-services/green-premium/green-premium.page



Optional indicators		VIGI iTG40 1PN 30mA AC 25A - A9Y12625					
Impact indicators	**Unit**	Total	Manufacturing	Distribution	Installation	Use	End of Life
Contribution to fossil resources depletion	MJ	3.40E+02	9.66E+01	2.16E-01	0*	2.43E+02	1.27E-01
Contribution to air pollution	m³	2.26E+03	1.34E+03	6.54E-01	0*	9.20E+02	1.01E+00
Contribution to water pollution	m³	1.37E+03	4.87E+02	2.53E+00	0*	8.82E+02	1.24E+00
Resources use	**Unit**	Total	Manufacturing	Distribution	Installation	Use	End of Life
Use of secondary material	kg	4.97E-04	4.97E-04	0*	0*	0*	0*
Total use of renewable primary energy resources	MJ	5.50E+01	7.31E-01	0*	0*	5.43E+01	0*
Total use of non-renewable primary energy resources	MJ	5.03E+02	1.30E+02	2.17E-01	0*	3.73E+02	1.39E-01
Use of renewable primary energy excluding renewable primary energy used as raw material	MJ	5.46E+01	2.69E-01	0*	0*	5.43E+01	0*
Use of renewable primary energy resources used as raw material	MJ	4.62E-01	4.62E-01	0*	0*	0*	0*
Use of non renewable primary energy excluding non renewable primary energy used as raw material	MJ	5.01E+02	1.28E+02	2.17E-01	0*	3.73E+02	1.39E-01
Use of non renewable primary energy resources used as raw material	MJ	1.49E+00	1.49E+00	0*	0*	0*	0*
Use of non renewable secondary fuels	MJ	0.00E+00	0*	0*	0*	0*	0*
Use of renewable secondary fuels	MJ	0.00E+00	0*	0*	0*	0*	0*
Waste categories	**Unit**	Total	Manufacturing	Distribution	Installation	Use	End of Life
Hazardous waste disposed	kg	2.88E+00	2.72E+00	0*	0*	1.11E-02	1.53E-01
Non hazardous waste disposed	kg	8.17E+01	2.01E+00	0*	0*	7.97E+01	0*
Radioactive waste disposed	kg	5.40E-02	7.73E-04	0*	0*	5.32E-02	0*
Other environmental information	**Unit**	Total	Manufacturing	Distribution	Installation	Use	End of Life
Materials for recycling	kg	6.51E-02	7.48E-03	0*	2.23E-02	0*	3.53E-02
Components for reuse	kg	0.00E+00	0*	0*	0*	0*	0*
Materials for energy recovery	kg	2.76E-03	3.51E-04	0*	0*	0*	2.41E-03
Exported Energy	MJ	0.00E+00	0*	0*	0*	0*	0*

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

Life cycle assessment performed with EIME version EIME v5.6.0.1, database version 2016-11 in compliance with ISO14044.

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 number	ENVPEP1801004_V1-EN	*Drafting rules*	PCR-ed3-EN-2015 04 02
Date of issue	01/2018	*Supplemented by*	PSR-0005-ed2-EN-2016 03 29
Validity period	5 years	*Information and reference documents*	www.pep-ecopassport.org

Independent verification of the declaration and data

Internal X External

The elements of the present PEP cannot be compared with elements from another program.

Document in compliance with ISO 14021:2016 « Environmental labels and declarations - Self-declared environmental claims (Type II environmental labelling) »

Schneider Electric Industries SAS
Country Customer Care Center
http://www.schneider-electric.com/contact
35, rue Joseph Monier
CS 30323
F- 92506 Rueil Malmaison Cedex
RCS Nanterre 954 503 439

www.schneider-electric.com
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