Product Environmental Profile

EVlink Home Smart 3P Attach cable 5m 11 kW 16A - with RDC-DD Filter







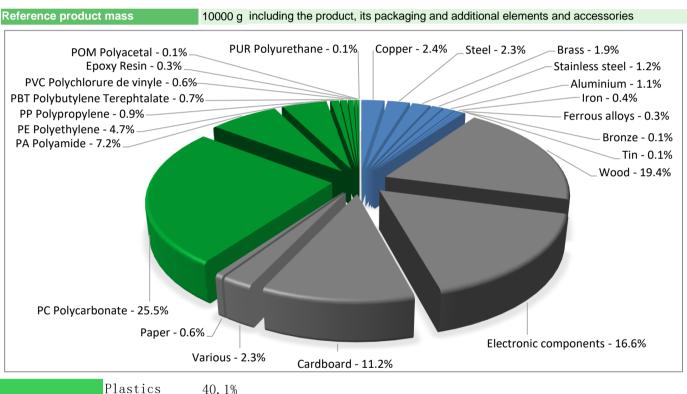




General information

Representative product	EVlink Home Smart 3P Attach cable 5m 11 kW 16A - with RDC-DD Filter - EVH4A11NC
Description of the product	The EVlink Smart Wallbox station is designed to allow private persons to have a charging point dedicated to their electric vehicle.
Functional unit	Charging an electrical vehicle with power 3.7 to 11 kW, with T2S outlet during 8 years. - IEC 61851-1 - IEC 61851-21-2 - IEC 62955 - IEC 62196-1 - IEC 62196-2 - poles description: 1P + N / 3P + N - IP54/IP55 conforming to IEC 60529 - IK10 conforming to IEC 62262

Constituent materials



Plastics 40.1%
Metals 9.8%
Others 50.1%

Substance assessment

Products of this range are designed in conformity with the requirements of the RoHS directive (European Directive 2011/65/EU of 2 January 2013, amended in March 2015, 2015/863/EU and in November 2017, 2017/2102/EU) 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), Bis (2-ethylhexyl)phthalate - DEHP, Benzyl butyl phthalate – BBP, Dibutyl phthalate - DBP, Diisobutyl phthalate - DIBP) as mentioned in the 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



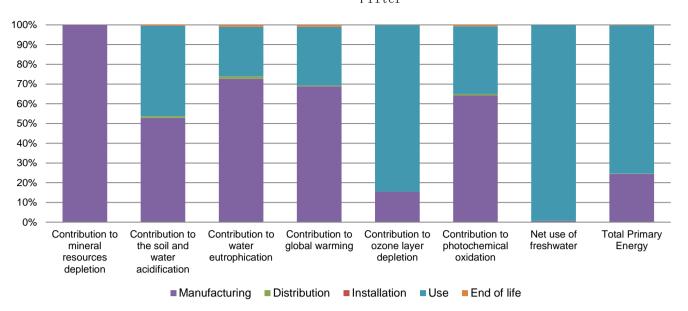
The EVIink Hor	me Smart 3P Attach cable 5m 11 kW 16A - with RDC-DD Filter presents the following relevent environmental aspects
Design	Indicate all the eco-design improvements brought to the product at the design phase compared to previous offer range, refer to ecoDesign Way results
Manufacturing	Manufactured at a Schneider Electric production site ISO14001 certified
Distribution	Weight and volume of the packaging optimized, based on the European Union's packaging directive
Distribution	Packaging weight is 3601.8 g, consisting of wood(56.2%), cardboard(33.1%), EPE(10.7%)
Installation	Ref EVH4A11NC does not require any installation operations.
Use	The product does not require special maintenance operations.
	End of life optimized to decrease the amount of waste and allow recovery of the product components and materials
	This product contains electronic card (427.74g) that should be separated from the stream of waste so as to optimize end-of-life treatment.
End of life	The location of these components and other recommendations are given in the End of Life Instruction document which is available on the Schneider-Electric Green Premium website
	http://www2.schneider-electric.com/sites/corporate/en/products-services/green-premium/green-premium.page
	Based on "ECO'DEEE recyclability and recoverability calculation method" (version V1, 20 Sep. 2008 presented to the French Agency for Environment and Energy Management: ADEME).

Environmental impacts

Reference life time	8 years			
Product category	Other equipments - Passive pro	oduct - non-continuous oper	ation	
Installation elements	No special components needed	d		
Use scenario	The product is in active mode 2 time with a power use of 10W	20% of the time with a powe	r use of 15W and in stand	-by mode 80% of the
Geographical representativeness	Europe			
Technological representativeness	The EVlink Smart Wallbox stati to their electric vehicle.	ion is designed to allow priva	ate persons to have a cha	rging point dedicated
	Manufacturing	Installation	Use	End of life
Energy model used	Energy model used: China	Electricity grid mix; AC; consumption mix, at consumer; 230V; FR	Electricity grid mix; AC; consumption mix, at consumer; 230V; FR	Electricity grid mix; AC; consumption mix, at consumer; 230V; FR

Compulsory indicators		EVIINK Hom EVH4A11NO	e Smart 3P Attacl	n cable 5m 11	kW 16A - witl	n RDC-DD F	ilter -
Impact indicators	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
Contribution to mineral resources depletion	kg Sb eq	7.52E-02	7.51E-02	0*	0*	4.09E-05	0*
Contribution to the soil and water acidification	kg SO ₂ eq	6.82E-01	3.61E-01	5.89E-03	0*	3.12E-01	3.70E-03
Contribution to water eutrophication	kg PO ₄ 3- eq	1.13E-01	8.25E-02	1.36E-03	0*	2.84E-02	1.17E-03
Contribution to global warming	kg CO ₂ eq	2.82E+02	1.94E+02	1.29E+00	0*	8.38E+01	2.89E+00
Contribution to ozone layer depletion	kg CFC11 eq	1.42E-04	2.19E-05	0*	0*	1.20E-04	1.30E-07
Contribution to photochemical oxidation	kg C ₂ H ₄ eq	5.26E-02	3.38E-02	4.20E-04	0*	1.80E-02	3.90E-04
Resources use	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
Net use of freshwater	m3	2.00E+03	1.39E+01	0*	0*	1.99E+03	0*
Total Primary Energy	MJ	1.02E+04	2.49E+03	1.82E+01	0*	7.65E+03	2.02E+01

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Impact indicators Unit Total Manufacturing Distribution Installation Use End of Lit Contribution to fossil resources depletion MJ 2.97E+03 1.98E+03 1.81E+01 0* 9.64E+02 1.48E+02 Contribution to air pollution m³ 2.01E+04 1.71E+04 5.49E+01 0* 2.79E+03 1.35E+04 Contribution to water pollution m³ 4.12E+04 3.53E+04 2.12E+02 0* 4.24E+03 1.49E+05 (Contribution to water pollution m³ 4.12E+04 3.53E+04 2.12E+02 0* 4.24E+03 1.49E+05 (Contribution to water pollution m³ 4.12E+04 3.53E+04 2.12E+02 0* 4.24E+03 1.49E+05 (Contribution to water pollution m³ 4.12E+04 3.53E+04 2.12E+02 0* 4.24E+03 1.49E+05 (Contribution to water pollution m³ 4.12E+04 3.53E+04 2.12E+02 0* 4.24E+03 1.49E+05 (Contribution to water pollution m³ 4.12E+04 3.53E+04 2.12E+02 0* 0* 0* 0* 0* 0* 0* 0* 0* 0* 0* 0* 0*
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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 Li
Hazardous waste disposed kg 5.92E+02 5.76E+02 0* 0* 1.58E-01 1.62E+0
Non hazardous waste disposed kg 2.50E+02 7.88E+01 4.58E-02 0* 1.72E+02 5.87E-02
Radioactive waste disposed kg 2.56E+00 2.88E-02 0* 0* 2.53E+00 0*
Other environmental information Unit Total Manufacturing Distribution Installation Use End of Li
Materials for recycling kg 6.12E+00 6.61E-01 0* 0* 0* 5.46E+0
Components for reuse kg 0.00E+00 0* 0* 0* 0* 0*
Materials for energy recovery kg 2.57E-01 0* 0* 0* 0* 2.57E-0
Exported Energy MJ 1.25E-01 1.25E-01 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 v5.9.3, database version 2022-01 in compliance with ISO14044.

The manufacturing 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.

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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)

PEP are compliant with XP C08-100-1 :2016

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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