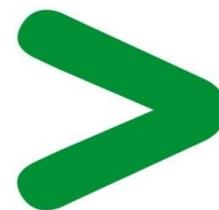


Product Environmental Profile

OVALIS TV SOCKET with OUTER PLATE





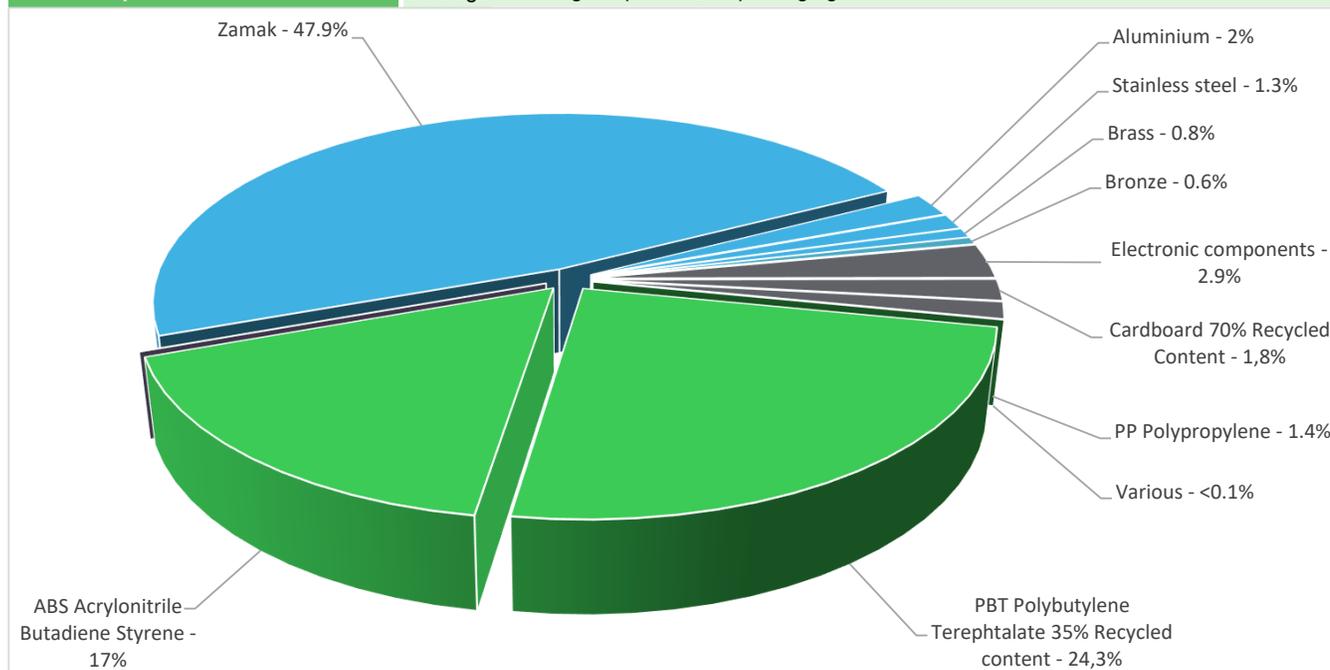
General information

Representative product	OVALIS TV SOCKET with OUTER PLATE - S325405
Description of the product	The main function of the product is to transmit the television frequencies coming from the cable to the connected plug.
Description of the range	The indicators values of this OVALIS TV Socket Outlet can be extrapolated for other OVALIS TV / SAT / R Socket outlets with all finishing types. The environmental impacts of this referenced product are representative of the impacts of the other products of the range which are developed with a similar technology.
Functional unit	To protect, link, splice or connect a connection point during 30 years (reference life time) with a 100% use rate for copper telecommunication application in residential building while protecting the user from direct contact with live parts with a protection class of IP21D in accordance with the standard IEC 60529 and IK04 in accordance with the standard IEC 62262 along with product standard EN 50083-4.



Constituent materials

Reference product mass 105.5 g including the product, its packaging and additional elements and accessories



Plastics	42.7%
Metals	52.6%
Others	4.7%



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>



Additional environmental information

The OVALIS TV SOCKET with OUTER PLATE presents the following relevant environmental aspects

Design	Ovalis TV sockets are made of at least 8.5% plastic recycled content.
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 Packaging weight is 3.5 g, consisting of Cardboard 57% & Polypropylene 43% Packaging recycled materials is 40% of total packaging mass. Product distribution optimised by setting up local distribution centres
Installation	The product does not require special installation procedure and requires little to no energy to install. The disposal of the packaging materials are accounted for during the installation phase (including transport to disposal).
Use	The product does not require special maintenance operations.
End of life	End of life optimized to decrease the amount of waste and allow recovery of the product components and materials This product contains PCB assembly (4.6g) in TV Socket insert that should be separated from the stream of waste so as to optimize end-of-life treatment. 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 Recyclability potential: 52% 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).

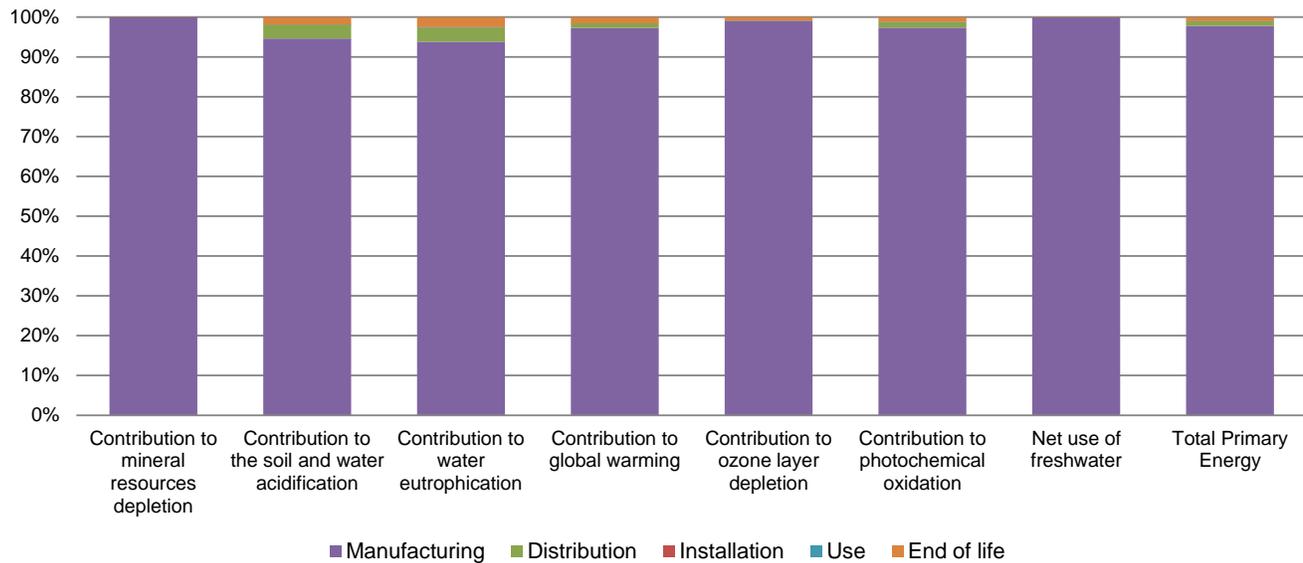


Environmental impacts

Reference life time	30 years			
Product category	Copper telecom accessory			
Installation elements	This product does not require any special components during installation			
Use scenario	During 30 years, Max Power Dissipation (as TV signal transmission), from Input to Output, is 2.93E-07 W @70% use rate			
Geographical representativeness	France			
Technological representativeness	The Modules of Technologies such as material production, manufacturing process and transport technology used in this PEP analysis (LCA-EIME in this case) are Similar and representative of the actual type of technologies used to make the product in production.			
Energy model used	Manufacturing	Installation	Use	End of life
	Manufacturing Plant Location: Puente La Reina - Spain	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		OVALIS TV SOCKET with OUTER PLATE - S325405					
Impact indicators	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
Contribution to mineral resources depletion	kg Sb eq	1.19E-05	1.19E-05	0*	0*	0*	0*
Contribution to the soil and water acidification	kg SO ₂ eq	1.78E-03	1.69E-03	6.22E-05	1.03E-06	0*	3.27E-05
Contribution to water eutrophication	kg PO ₄ ³⁻ eq	3.97E-04	3.72E-04	1.43E-05	6.88E-07	0*	9.57E-06
Contribution to global warming	kg CO ₂ eq	1.23E+00	1.19E+00	1.36E-02	2.58E-04	0*	1.94E-02
Contribution to ozone layer depletion	kg CFC11 eq	9.34E-08	9.25E-08	2.76E-11	0*	0*	8.66E-10
Contribution to photochemical oxidation	kg C ₂ H ₄ eq	2.95E-04	2.88E-04	4.44E-06	7.86E-08	0*	3.35E-06

Resources use	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
Net use of freshwater	m3	1.43E-01	1.43E-01	0*	0*	1.39E-04	1.56E-05
Total Primary Energy	MJ	1.60E+01	1.56E+01	1.92E-01	3.11E-03	0*	1.58E-01



Optional indicators							
OVALIS TV SOCKET with OUTER PLATE - S325405							
Impact indicators	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
Contribution to fossil resources depletion	MJ	1.16E+01	1.13E+01	1.91E-01	2.95E-03	0*	1.27E-01
Contribution to air pollution	m³	2.29E+02	2.27E+02	5.79E-01	0*	0*	1.13E+00
Contribution to water pollution	m³	7.07E+01	6.70E+01	2.24E+00	3.44E-02	0*	1.44E+00
Resources use	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
Use of secondary material	kg	1.97E-03	1.97E-03	0*	0*	0*	0*
Total use of renewable primary energy resources	MJ	1.36E-01	1.36E-01	2.56E-04	3.77E-05	3.87E-05	1.72E-04
Total use of non-renewable primary energy resources	MJ	1.58E+01	1.55E+01	1.92E-01	3.08E-03	0*	1.58E-01
Use of renewable primary energy excluding renewable primary energy used as raw material	MJ	1.30E-01	1.30E-01	2.56E-04	3.77E-05	3.87E-05	1.72E-04
Use of renewable primary energy resources used as raw material	MJ	5.95E-03	5.95E-03	0*	0*	0*	0*
Use of non renewable primary energy excluding non renewable primary energy used as raw material	MJ	1.44E+01	1.40E+01	1.92E-01	3.08E-03	0*	1.58E-01
Use of non renewable primary energy resources used as raw material	MJ	1.46E+00	1.46E+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	4.13E-01	2.54E-01	0*	0*	0*	1.58E-01
Non hazardous waste disposed	kg	2.59E-01	2.56E-01	4.84E-04	1.21E-03	0*	4.77E-04
Radioactive waste disposed	kg	1.82E-04	1.80E-04	3.44E-07	4.43E-08	1.77E-07	7.94E-07
Other environmental information	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
Materials for recycling	kg	6.66E-02	1.02E-02	0*	2.42E-03	0*	5.40E-02
Components for reuse	kg	0.00E+00	0*	0*	0*	0*	0*
Materials for energy recovery	kg	3.05E-03	0*	0*	0*	0*	3.05E-03
Exported Energy	MJ	6.32E-06	5.94E-07	0*	5.72E-06	0*	0*

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

Life cycle assessment performed with EIME version 5.9.3, database version 2020-12 in compliance with ISO14044.

The manufacturing phase is the life cycle phase which has the greatest impact on the majority of environmental indicators except Ozone layer depletion ODP steady state (ODP for EN15804) and Net use of freshwater (based on compulsory indicators).

According to this environmental analysis, proportionality rules may be used to evaluate the impacts of other products of this range, ratios to apply can be provided upon request.

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 :	SCHN-00774-V01.01-EN	Drafting rules	PCR-ed3-EN-2015 04 02
Verifier accreditation N°	VH39	Supplemented by	PSR-0005-ed2-EN-2016 03 29
Date of issue	06/2022	Information and reference documents	www.pep-ecopassport.org
		Validity period	5 years
<i>Independent verification of the declaration and data, in compliance with ISO 14025 : 2010</i>			
Internal		External	X
<i>The PCR review was conducted by a panel of experts chaired by Philippe Osset (SOLINNEN)</i>			
<i>PEP are compliant with XP C08-100-1 :2016</i>			
<i>The elements of the present PEP cannot be compared with elements from another program.</i>			
<i>Document in compliance with ISO 14025 : 2010 « Environmental labels and declarations. Type III environmental declarations »</i>			



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Published by Schneider Electric

SCHN-00774-V01.01-EN

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06/2022