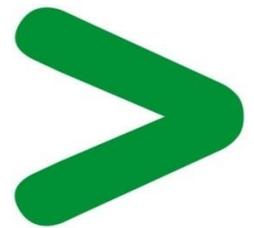


Product Environmental Profile

RJ45 SINGLE CAT5E UTP OUTLET 2 MODULES





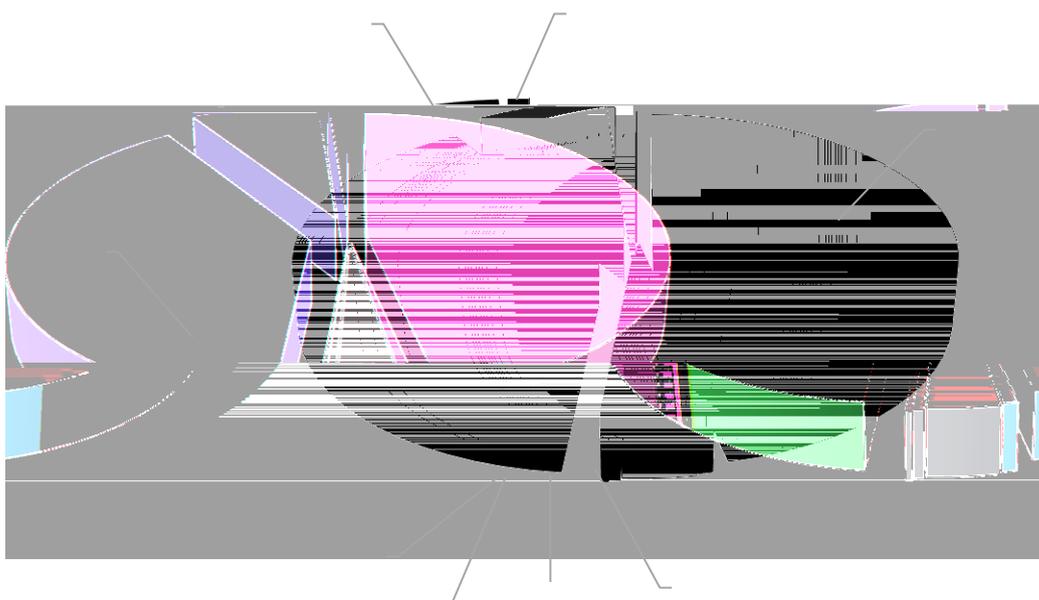
General information

Representative product	RJ45 SINGLE CAT5E UTP OUTLET 2 MODULES - NU341118
Description of the product	The main function of the RJ45 SINGLE CAT5E UTP OUTLET 2 MODULES is to create connection and data transmission between RJ45 chord and wall socket for RJ45 which is the product itself.
Functional unit	To protect, link, splice or connect a connection point during 30 years with a 70% use rate for residential applications.



Constituent materials

Reference product mass	76,1 g including the product, its packaging and additional elements and accessories
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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>

Additional environmental information

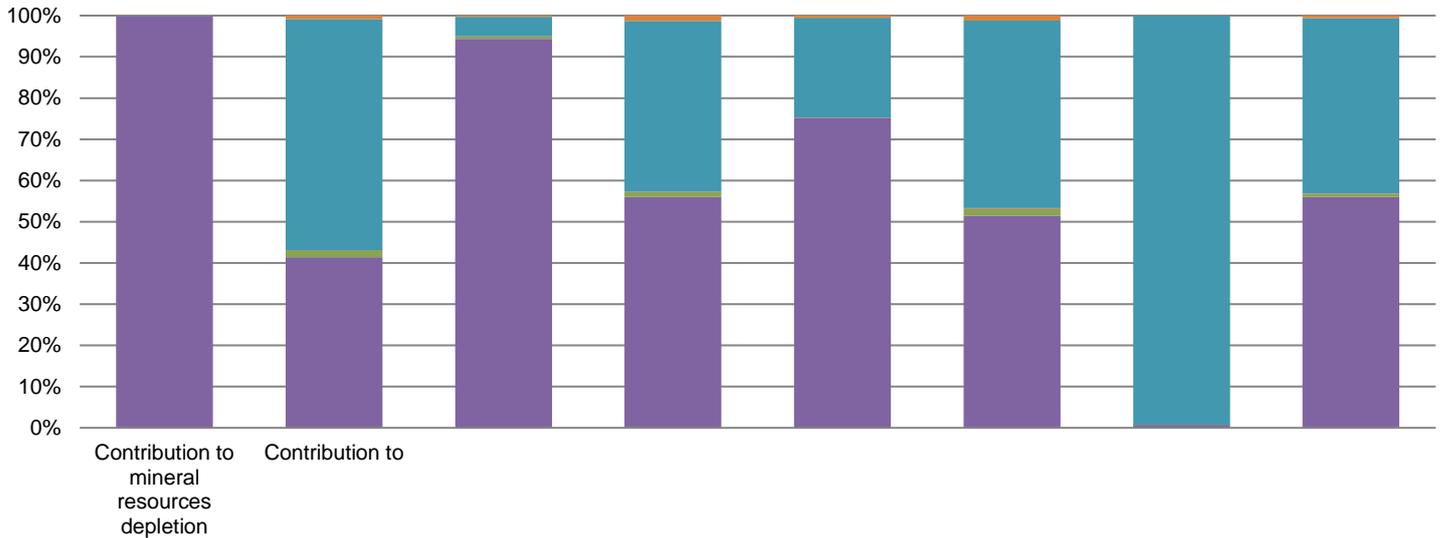
The RJ45 SINGLE CAT5E UTP OUTLET 2 MODULES presents the following relevant environmental aspects

Design	
Manufacturing	Manufactured at a production site complying with the regulations
	Weight and volume of the packaging optimized, based on the European Union's packaging directive
Distribution	Packaging weight is 2.1 g, consisting of PP film (43), paper (57%)
	Product distribution optimised by setting up local distribution centres
Installation	RJ45 SINGLE CAT5E STP OUTLET 2 MODULES NU341118 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
	Recyclability potential: 42% (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	No special components needed										
Use scenario	Use rate: 70% of the RLT										
	Russia, France, Spain										
	The main function of the RJ45 SINGLE CAT5 UTP OUTLET 2 MODULES is to create connection and data transmission between RJ45 chord and wall socket for RJ45 which is the product itself.										
	<table border="1"> <thead> <tr> <th></th> <th>Manufacturing</th> <th>Installation</th> <th>Use</th> <th>End of life</th> </tr> </thead> <tbody> <tr> <td>Energy model used: Spain</td> <td></td> <td>Electricity grid mix; AC; consumption mix, at consumer; < 1kV; EU-27</td> <td>Electricity grid mix; AC; consumption mix, at consumer; < 1kV; EU-27</td> <td>Electricity grid mix; AC; consumption mix, at consumer; < 1kV; EU-27</td> </tr> </tbody> </table>		Manufacturing	Installation	Use	End of life	Energy model used: Spain		Electricity grid mix; AC; consumption mix, at consumer; < 1kV; EU-27	Electricity grid mix; AC; consumption mix, at consumer; < 1kV; EU-27	Electricity grid mix; AC; consumption mix, at consumer; < 1kV; EU-27
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	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
	kg Sb eq	2,39E-05	2,38E-05	0*	0*	3,19E-08	0*
Contribution to the soil and water acidification	kg SO ₂ eq	2,73E-03	1,13E-03	4,48E-05	7,09E-07	1,53E-03	2,21E-05
	kg PO ₄ ³⁻ eq	1,96E-03	1,85E-03	1,03E-05	1,25E-06	9,24E-05	6,17E-06
	kg CO ₂ eq	8,86E-01	4,96E-01	9,82E-03	1,12E-03	3,67E-01	1,17E-02
Contribution to ozone layer depletion	kg CFC11 eq	9,88E-08	7,44E-08	1,99E-11	0*	2,39E-08	5,11E-10
Contribution to photochemical oxidation	kg C ₂ H ₄ eq	1,85E-04	9,52E-05	3,20E-06	2,53E-07	8,41E-05	2,30E-06
Resources use	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
Net use of freshwater	m ³	1,34E+00	1,02E-02	0*	0*	1,33E+00	0*
Total Primary Energy	MJ	1,72E+01	9,65E+00	1,39E-01	0*	7,32E+00	1,07E-01



Optional indicators		RJ45 SINGLE CAT5E UTP OUTLET 2 MODULES - NU341118					
Impact indicators	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
Contribution to fossil resources depletion	MJ	1,26E+01	8,18E+00	1,38E-01	2,28E-03	4,16E+00	9,80E-02
Contribution to air pollution	m ³	2,54E+02	2,37E+02	4,18E-01	3,97E-02	1,58E+01	7,77E-01
Contribution to water pollution	m ³	1,07E+02	8,97E+01	1,61E+00	1,19E-02	1,51E+01	9,36E-01
Resources use	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
Use of secondary material	kg	7,81E-04	7,81E-04	0*	0*	0*	0*
Total use of renewable primary energy resources	MJ	1,06E+00	1,28E-01	1,85E-04	0*	9,31E-01	1,19E-04
Total use of non-renewable primary energy resources	MJ	1,62E+01	9,52E+00	1,39E-01	0*	6,39E+00	1,07E-01
Use of renewable primary energy excluding renewable primary energy used as raw material	MJ	1,04E+00	1,06E-01	1,85E-04	0*	9,31E-01	1,19E-04
Use of renewable primary energy resources used as raw material	MJ	2,20E-02	2,20E-02	0*	0*	0*	0*
Use of non renewable primary energy excluding non renewable primary energy used as raw material	MJ	1,48E+01	8,13E+00	1,39E-01	0*	6,39E+00	1,07E-01
Use of non renewable primary energy resources used as raw material	MJ	1,39E+00	1,39E+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	2,10E-01	9,46E-02	0*	0*	1,91E-04	1,16E-01
Non hazardous waste disposed	kg	1,66E+00	2,89E-01	3,49E-04	2,34E-03	1,37E+00	3,28E-04
Radioactive waste disposed	kg	1,11E-03	1,99E-04	2,48E-07	0*	9,13E-04	5,22E-07
Other environmental information	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
Materials for recycling	kg	3,51E-02	4,55E-03	0*	0*	0*	3,06E-02
Components for reuse	kg	0,00E+00	0*	0*	0*	0*	0*
Materials for energy recovery	kg	1,80E-03	2,24E-04	0*	0*	0*	1,58E-03
Exported Energy	MJ	2,13E-03	1,44E-03	0*	6,87E-04	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 manufacturing phase is the life cycle phase which has the greatest impact on the majority of environmental indicators (based on compulsory indicators).

Internal

External X

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