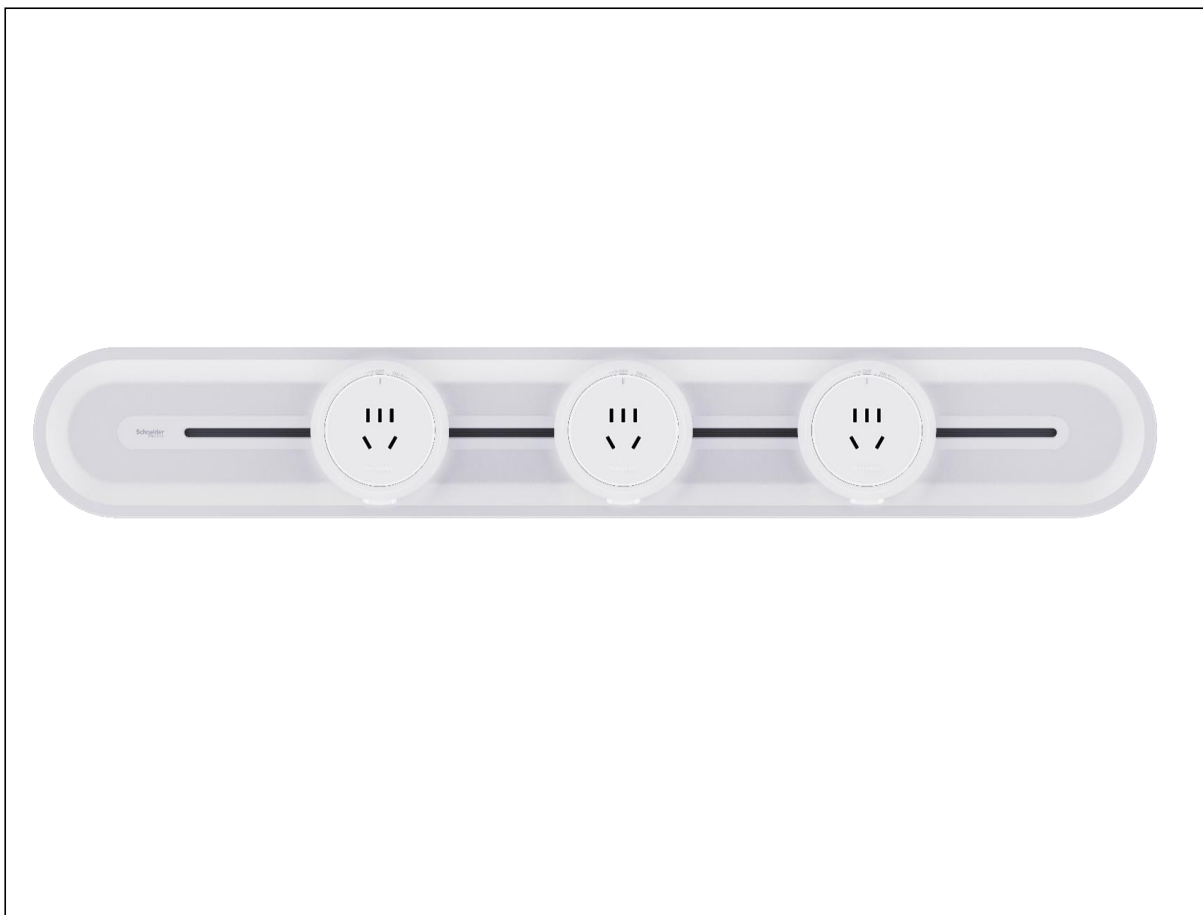


Product Environmental Profile

Easy Series Power track with socket





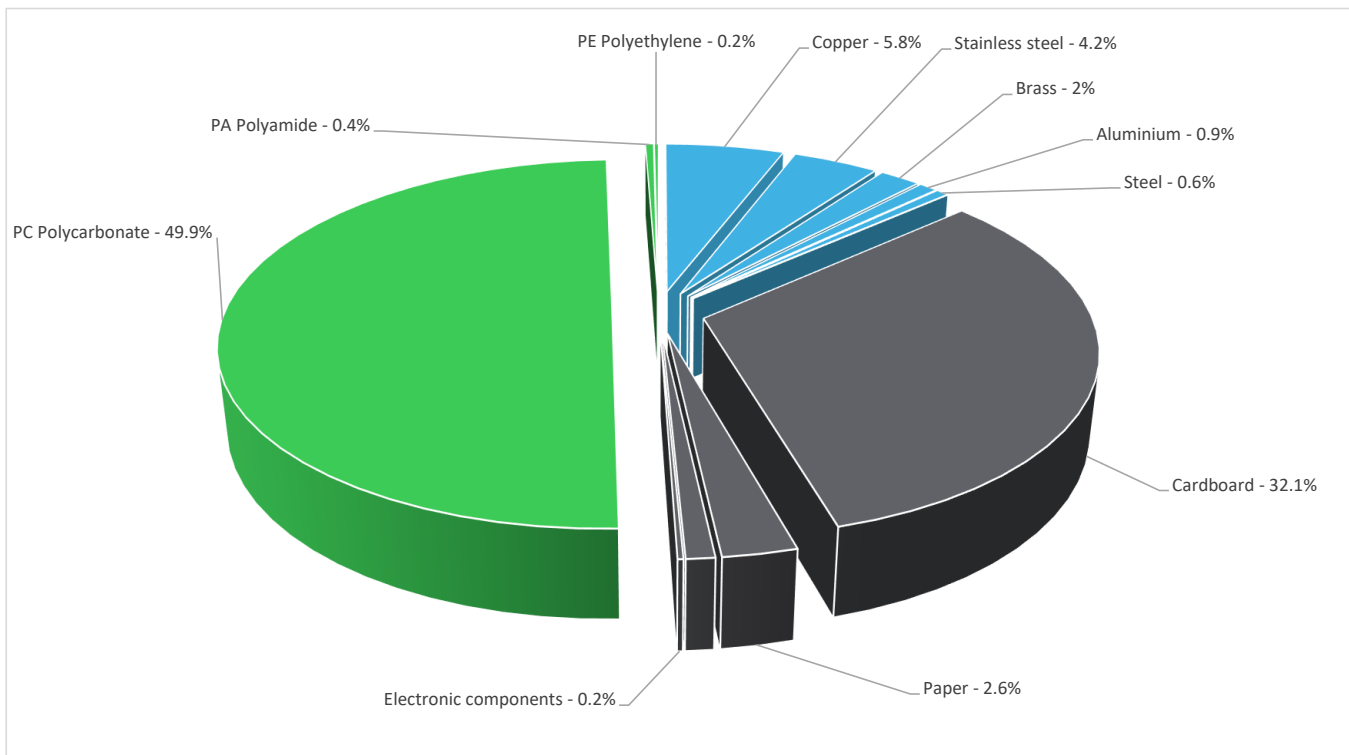
General information

Reference product	Easy Series Power track with socket - A3J30535P_WE_C1
Description of the product	Power track provide electric power to function module and function module provide electric power to appliance.
Description of the range	The products of the range are: Easy Series range power track with socket are consists of different length and different cover material which is made by PC & Aluminum of power track ,and with different numbers of function module which is three or four pieces.The representative product used for the analysis is Com3 0.5M PT + 5P Skt Module*3, WE(commercial reference: A3J30535P_WE_C1). The mass of the product is from 1160g to1658g. The environmental impacts of this reference product are representative of the impacts of the other products of the range which are developed with a similar technology.
Functional unit	To provide electric power to function module.The product is including one power track and three function modules.The power track is to provide electric power to function module under a voltage of 250V , provide 8000W power inhome use only for Household/Commercial application areas.In accordance with GB / T 7251.6 and is IP20. The function module is to provide electric power to appliance under 10A / 250VAC , in accordance with CQC 1162 standard and is IP20.
Specifications are:	In = 10A U = 250V Input line frequency range = 50HZ Safety Standard: GB / T 7251.6&CQC 1162 IP20



Constituent materials

Reference product mass 1356 g including the product, its packaging, additional elements and accessories



Plastics	50.60%
Metals	13.50%
Others	35.90%



Substance assessment

Details of ROHS and REACH substances information are available on the Schneider-Electric website <https://www.se.com>



Additional environmental information

End Of Life	Recyclability potential:	20%	The recyclability rate was calculated from the recycling rates of each material making up the product based on REECY'LAB tool developed by Ecosystem, for components/materials not covered by the tool, data from the EIME database and the related PSR was taken. If no data was found a conservative assumption was used (0% recyclability).
-------------	--------------------------	-----	--



Environmental impacts

Reference service life time	10 years		
Product category	Power track with socket		
Life cycle of the product	The manufacturing, the distribution, the installation, the use and the end of life were taken into consideration in this study		
Electricity consumption	The electricity consumed during manufacturing processes is considered for each part of the product individually, the final assembly generates a negligible consumption		
Installation elements	The product does not require any installation operations		
Time representativeness	The collected data are representative of the year 2024		
Technological representativeness	The Modules of Technologies such as material production, manufacturing processes and transport technology used in the PEP analysis (LCA EIME in the case) are Similar and Representative of the actual type of technologies used to make the product.		
Geographical representativeness	Rest of the World		
Energy model used	[A1 - A3]	[A5]	[B6]
	Electricity Mix; Low voltage; 2020; China, CN	Electricity Mix; Low voltage; 2020; China, CN	Electricity Mix; Low voltage; 2020; China, CN
			[C1 - C4]
			Electricity Mix; Low voltage; 2020; China, CN

Detailed results of the optional indicators mentioned in PCRed4 are available in the LCA report and on demand in a digital format - Country Customer Care Center - <http://www.se.com/contact>

Mandatory Indicators		Easy Series Power track with socket - A3J30535P_WE_C1						
Impact indicators	Unit	Total (without Module D)	[A1 - A3] - Manufacturing	[A4] - Distribution	[A5] - Installation	[B1 - B7] - Use	[C1 - C4] - End of life	[D] - Benefits and loads
Contribution to climate change	kg CO2 eq	1.18E+01	6.65E+00	2.09E+00	1.85E-02	7.75E-01	2.27E+00	-7.03E-01
Contribution to climate change-fossil	kg CO2 eq	1.17E+01	6.61E+00	2.09E+00	1.85E-02	7.74E-01	2.25E+00	-6.82E-01
Contribution to climate change-biogenic	kg CO2 eq	5.68E-02	3.91E-02	0*	0*	1.64E-04	1.76E-02	-2.07E-02
Contribution to climate change-land use and land use change	kg CO2 eq	1.03E-03	1.03E-03	0*	0*	0*	2.61E-07	0.00E+00
Contribution to ozone depletion	kg CFC-11 eq	2.32E-06	4.72E-07	1.84E-06	7.25E-10	4.48E-09	1.02E-08	-1.46E-07
Contribution to acidification	mol H+ eq	6.47E-02	4.59E-02	8.58E-03	2.47E-04	5.85E-03	4.08E-03	-1.57E-02
Contribution to eutrophication, freshwater	kg (PO4) ³⁻ eq	5.87E-04	9.44E-05	2.44E-07	9.02E-08	1.98E-07	4.92E-04	-1.59E-06
Contribution to eutrophication, marine	kg N eq	1.08E-02	5.27E-03	3.91E-03	1.17E-04	6.25E-04	9.31E-04	-4.82E-04
Contribution to eutrophication, terrestrial	mol N eq	1.16E-01	5.42E-02	4.24E-02	1.19E-03	7.17E-03	1.11E-02	-5.55E-03
Contribution to photochemical ozone formation - human health	kg COVNM eq	3.73E-02	1.80E-02	1.41E-02	2.85E-04	2.08E-03	2.86E-03	-2.59E-03
Contribution to resource use, minerals and metals	kg Sb eq	7.00E-04	6.84E-04	0*	0*	7.85E-08	1.60E-05	-1.99E-04
Contribution to resource use, fossils	MJ	1.86E+02	1.23E+02	2.59E+01	2.09E-01	1.27E+01	2.38E+01	-1.24E+01
Contribution to water use	m3 eq	3.49E+00	2.63E+00	1.06E-01	4.32E-02	4.49E-02	6.70E-01	-8.03E-01

Inventory flows Indicators		Easy Series Power track with socket - A3J30535P_WE_C1							
Inventory flows	Unit	Total (without Module D)	[A1 - A3] - Manufacturing	[A4] - Distribution	[A5] - Installation	[B1 - B7] - Use	[C1 - C4] - End of life	[D] - Benefits and loads	
Contribution to renewable primary energy used as energy	MJ	3.66E+00	1.92E+00	0*	0*	1.34E+00	3.97E-01	-4.83E-01	
Contribution to renewable primary energy used as raw material	MJ	9.50E+00	9.50E+00	0*	0*	0*	0*	0.00E+00	
Contribution to total renewable primary energy	MJ	1.32E+01	1.14E+01	0*	0*	1.34E+00	3.97E-01	-4.83E-01	
Contribution to non renewable primary energy used as energy	MJ	1.61E+02	9.86E+01	2.59E+01	2.09E-01	1.27E+01	2.38E+01	-1.24E+01	
Contribution to non renewable primary energy used as raw material	MJ	2.44E+01	2.44E+01	0*	0*	0*	0*	0.00E+00	
Contribution to total non renewable primary energy	MJ	1.86E+02	1.23E+02	2.59E+01	2.09E-01	1.27E+01	2.38E+01	-1.24E+01	
Contribution to use of secondary material	kg	0.00E+00	0*	0*	0*	0*	0*	0.00E+00	
Contribution to use of renewable secondary fuels	MJ	0.00E+00	0*	0*	0*	0*	0*	0.00E+00	
Contribution to use of non renewable secondary fuels	MJ	0.00E+00	0*	0*	0*	0*	0*	0.00E+00	
Contribution to net use of fresh water	m³	8.13E-02	6.12E-02	2.46E-03	1.01E-03	1.05E-03	1.56E-02	-1.87E-02	
Contribution to hazardous waste disposed	kg	1.92E+01	1.92E+01	0*	0*	2.41E-02	0*	-1.69E+01	
Contribution to non hazardous waste disposed	kg	1.78E+01	1.64E+01	2.12E-03	4.72E-01	1.44E-01	7.61E-01	-5.33E-01	
Contribution to radioactive waste disposed	kg	2.92E-03	2.47E-03	4.14E-04	4.05E-07	5.85E-06	2.92E-05	-3.44E-04	
Contribution to components for reuse	kg	0.00E+00	0*	0*	0*	0*	0*	0.00E+00	
Contribution to materials for recycling	kg	1.93E-01	1.35E-02	0*	0*	0*	1.79E-01	0.00E+00	
Contribution to materials for energy recovery	kg	0.00E+00	0*	0*	0*	0*	0*	0.00E+00	
Contribution to exported energy	MJ	1.93E-03	1.57E-04	0*	0*	0*	1.77E-03	0.00E+00	

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

Contribution to biogenic carbon content of the product	kg of C	0.00E+00
Contribution to biogenic carbon content of the associated packaging	kg of C	1.35E-01

* The calculation of the biogenic carbon is based on the Ademe for the Cardboard (28%), EN16485 for Wood (39,52%), and APESA/RECORD for Paper (37,8%)

Mandatory Indicators		Easy Series Power track with socket - A3J30535P_WE_C1								
Impact indicators	Unit	[B1 - B7] - Use	[B1]	[B2]	[B3]	[B4]	[B5]	[B6]	[B7]	
Contribution to climate change	kg CO2 eq	7.75E-01	0*	0*	0*	0*	0*	7.75E-01	0*	
Contribution to climate change-fossil	kg CO2 eq	7.74E-01	0*	0*	0*	0*	0*	7.74E-01	0*	
Contribution to climate change-biogenic	kg CO2 eq	1.64E-04	0*	0*	0*	0*	0*	1.64E-04	0*	
Contribution to climate change-land use and land use change	kg CO2 eq	0*	0*	0*	0*	0*	0*	0*	0*	
Contribution to ozone depletion	kg CFC-11 eq	4.48E-09	0*	0*	0*	0*	0*	4.48E-09	0*	
Contribution to acidification	mol H+ eq	5.85E-03	0*	0*	0*	0*	0*	5.85E-03	0*	
Contribution to eutrophication, freshwater	kg (PO4) ³⁻ eq	1.98E-07	0*	0*	0*	0*	0*	1.98E-07	0*	
Contribution to eutrophication marine	kg N eq	6.25E-04	0*	0*	0*	0*	0*	6.25E-04	0*	
Contribution to eutrophication, terrestrial	mol N eq	7.17E-03	0*	0*	0*	0*	0*	7.17E-03	0*	
Contribution to photochemical ozone formation - human health	kg COVNM eq	2.08E-03	0*	0*	0*	0*	0*	2.08E-03	0*	
Contribution to resource use, minerals and metals	kg Sb eq	7.85E-08	0*	0*	0*	0*	0*	7.85E-08	0*	
Contribution to resource use, fossils	MJ	1.27E+01	0*	0*	0*	0*	0*	1.27E+01	0*	
Contribution to water use	m3 eq	4.49E-02	0*	0*	0*	0*	0*	4.49E-02	0*	

Inventory flows Indicators		Easy Series Power track with socket - A3J30535P_WE_C1							
Inventory flows	Unit	[B1 - B7] - Use	[B1]	[B2]	[B3]	[B4]	[B5]	[B6]	[B7]
Contribution to use of renewable primary energy excluding renewable primary energy used as raw material	MJ	1.34E+00	0*	0*	0*	0*	0*	1.34E+00	0*
Contribution to use of renewable primary energy resources used as raw material	MJ	0*	0*	0*	0*	0*	0*	0*	0*
Contribution to total use of renewable primary energy resources	MJ	1.34E+00	0*	0*	0*	0*	0*	1.34E+00	0*
Contribution to use of non renewable primary energy excluding non renewable primary energy used as raw material	MJ	1.27E+01	0*	0*	0*	0*	0*	1.27E+01	0*
Contribution to use of non renewable primary energy resources used as raw material	MJ	0*	0*	0*	0*	0*	0*	0*	0*
Contribution to total use of non-renewable primary energy resources	MJ	1.27E+01	0*	0*	0*	0*	0*	1.27E+01	0*
Contribution to use of secondary material	kg	0*	0*	0*	0*	0*	0*	0*	0*
Contribution to use of renewable secondary fuels	MJ	0*	0*	0*	0*	0*	0*	0*	0*
Contribution to use of non renewable secondary fuels	MJ	0*	0*	0*	0*	0*	0*	0*	0*
Contribution to net use of freshwater	m³	1.05E-03	0*	0*	0*	0*	0*	1.05E-03	0*
Contribution to hazardous waste disposed	kg	2.41E-02	0*	0*	0*	0*	0*	2.41E-02	0*
Contribution to non hazardous waste disposed	kg	1.44E-01	0*	0*	0*	0*	0*	1.44E-01	0*
Contribution to radioactive waste disposed	kg	5.85E-06	0*	0*	0*	0*	0*	5.85E-06	0*
Contribution to components for reuse	kg	0*	0*	0*	0*	0*	0*	0*	0*
Contribution to materials for recycling	kg	0*	0*	0*	0*	0*	0*	0*	0*
Contribution to materials for energy recovery	kg	0*	0*	0*	0*	0*	0*	0*	0*
Contribution to exported energy	MJ	0*	0*	0*	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 v6.2.2, database version 2024-01 in compliance with ISO14044, EF3.1 method is applied, for biogenic carbon storage, assessment methodology 0/0 is used

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 :	ENVPEP2411022_V1	Drafting rules	PCR-4-ed4-EN-2021 09 06
Date of issue	12-2024	Supplemented by	No PSR
		Information and reference documents	www.pep-ecopassport.org
		Validity period	5 years
Independent verification of the declaration and data, in compliance with ISO 14021 : 2016			
Internal	X	External	
The PCR review was conducted by a panel of experts chaired by Julie Orgelet (DDemain)			
PEPs are compliant with XP C08-100-1:2016 and EN 50693:2019 or NF E38-500 :2022			
The components of the present PEP may not be compared with components from any other program.			
Document complies with ISO 14021:2016 "Environmental labels and declarations. Type II environmental declarations"			

Schneider Electric Industries SAS
 Country Customer Care Center
<http://www.se.com/contact>
 35, rue Joseph Monier
 CS 30323
 F- 92500 Rueil Malmaison Cedex
 RCS Nanterre 954 503 439
 Capital social 928 298 512 €