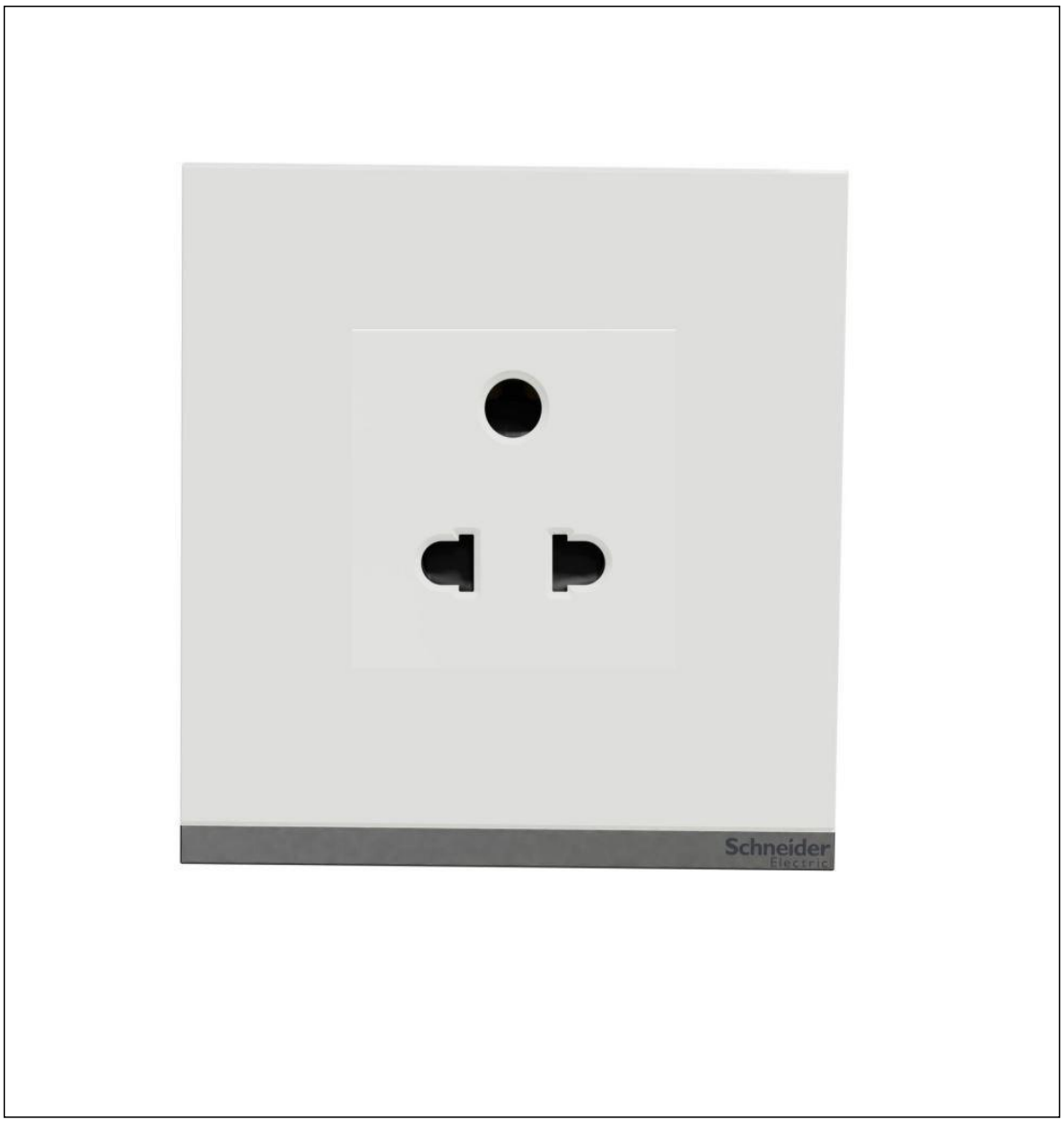
Product Environmental Profile

UNIVERSAL SOCKET OUTLET WITH COVER FRAME

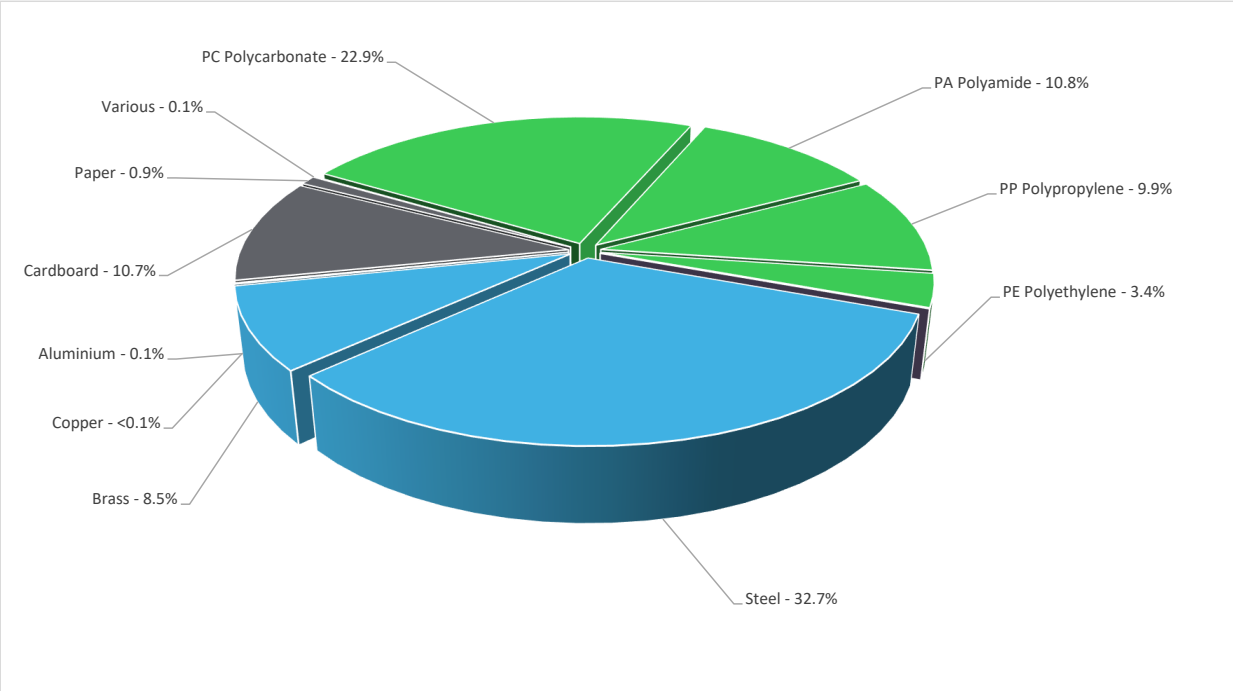


General information

Reference product	UNIVERSAL SOCKET OUTLET WITH COVER FRAME - UNS6SK3P2M_WE + UNSCP2M_WE
Description of the product	The main purpose of Unica Pure electrical sockets is to allow us to plug appliances into the electrical grid and provide power for them to run.
Functional unit	Connect or disconnect the plug of a load consuming [In] 6A maximum under a voltage of 250V while protecting the user from direct contact with live parts and with a protection class of IP20 in accordance with the standard IEC 60529 in the Household and/or Commercial application areas according to the appropriate use scenario for the reference service life of the product of 20 years. Technical Characterstics: Outlet poles configuration: 2P + E Network type: AC Network frequency: 50 Hz

Constituent materials

Reference product mass	141 g	including the product, its packaging and additional elements and accessories



Plastics	47.0%
Metals	41.3%
Others	11.7%

Substance assessment

Details of ROHS and REACH substances information are available on the Schneider-Electric Green Premium website
https://www.se.com/ww/en/work/support/green-premium/

Additional environmental information

End Of Life	Recyclability potential:	**48%**	Recyclability rate has been calculated based on REEECY'LAB tool developed by Ecosystem, for components/materials not covered by the tool, data from the "ECO'DEEE recyclability and recoverability calculation method" was taken. If no data was found a conservative assumption was used (0% recyclability).

Environmental impacts

Reference service life time	20 years			
Product category	Power socket			
Installation elements	The disposal of the packaging materials are accounted for during the installation phase (including transport to disposal).			
Use scenario	Load rate: 10% of Rated current (In) 6A Use time rate: 30% of the time over 20 years (RLT)			
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.			
Geographical representativeness	India			
Energy model used	**[A1 - A3]**	**[A5]**	**[B6]**	**[C1 - C4]**
	Electricity Mix; Production mix; Low voltage; IN	Electricity Mix; Production mix; Low voltage; IN	Electricity Mix; Production mix; Low voltage; IN	Electricity Mix; Production mix; Low voltage; IN

Detailed results, including all the impact indicators mentioned in PCRed4 are available in the LCA report and on demand in a digital format
- Country Customer Care Center - http://www.schneider-electric.com/contact

Mandatory Indicators		**UNIVERSAL SOCKET OUTLET WITH COVER FRAME - UNS6SK3P2M_WE + UNSCP2M_WE**						
Impact indicators	**Unit**	**Total**	**Manufacturing**	**Distribution**	**Installation**	**Use**	**End of Life**	**Loads and Benefits**
			[A1 - A3]	**[A4]**	**[A5]**	**[B1 - B7]**	**[C1 - C4]**	**[D]**
Contribution to climate change	kg CO2 eq	1.24E+00	7.56E-01	2.26E-02	3.08E-02	6.83E-02	3.63E-01	-2.79E+00
Contribution to climate change-fossil	kg CO2 eq	1.23E+00	7.44E-01	2.26E-02	2.94E-02	6.83E-02	3.63E-01	-2.68E+00
Contribution to climate change-biogenic	kg CO2 eq	1.36E-02	1.22E-02	0*	1.35E-03	6.64E-06	3.87E-06	-1.05E-01
Contribution to climate change-land use and land use change	kg CO2 eq	2.67E-08	0*	0*	2.66E-08	0*	6.45E-11	0.00E+00
Contribution to ozone depletion	kg CFC-11 eq	6.08E-08	5.72E-08	3.45E-11	2.16E-09	3.93E-10	1.01E-09	-3.47E-07
Contribution to acidification	mol H+ eq	6.21E-03	4.81E-03	1.50E-04	1.24E-04	5.22E-04	6.13E-04	-1.21E-02
Contribution to eutrophication, freshwater	kg $(PO4)^{3-}$ eq	6.34E-06	5.82E-06	8.44E-09	3.40E-07	6.03E-09	1.67E-07	-5.36E-05
Contribution to eutrophication marine	kg N eq	9.91E-04	7.16E-04	7.09E-05	3.29E-05	5.54E-05	1.15E-04	-1.62E-03
Contribution to eutrophication, terrestrial	mol N eq	1.08E-02	7.77E-03	7.78E-04	2.55E-04	6.38E-04	1.31E-03	-1.78E-02
Contribution to photochemical ozone formation - human health	kg COVNM eq	3.34E-03	2.45E-03	1.97E-04	6.85E-05	1.85E-04	4.44E-04	-8.68E-03
Contribution to resource use, minerals and metals	kg Sb eq	7.63E-05	7.63E-05	0*	0*	0*	1.03E-08	-6.97E-05
Contribution to resource use, fossils	MJ	2.83E+01	1.46E+01	3.14E-01	3.12E-01	1.08E+00	1.20E+01	-7.71E+01
Contribution to water use	m3 eq	1.79E-01	7.66E-02	8.55E-05	1.97E-02	3.02E-03	7.94E-02	-2.14E+00

Inventory flows Indicators		**UNIVERSAL SOCKET OUTLET WITH COVER FRAME - UNS6SK3P2M_WE + UNSCP2M_WE**						
Inventory flows	**Unit**	**Total**	**Manufact.**	**Distribution**	**Installation**	**Use**	**End of Life**	**Loads and Benefits**
			[A1 - A3]	**[A4]**	**[A5]**	**[B1 - B7]**	**[C1 - C4]**	**[D]**
Contribution to use of renewable primary energy excluding renewable primary energy used as raw material	MJ	1.73E-01	8.40E-02	4.19E-04	2.78E-02	5.99E-02	1.25E-03	-1.24E+00
Contribution to use of renewable primary energy resources used as raw material	MJ	3.20E-01	3.20E-01	0*	0*	0*	0*	-3.90E-02
Contribution to total use of renewable primary energy resources	MJ	4.94E-01	4.04E-01	4.19E-04	2.78E-02	5.99E-02	1.25E-03	-1.28E+00
Contribution to use of non renewable primary energy excluding non renewable primary energy used as raw material	MJ	2.59E+01	1.22E+01	3.14E-01	3.12E-01	1.08E+00	1.20E+01	-4.26E+01

Contribution to use of non renewable primary energy resources used as raw material	MJ	2.41E+00	2.41E+00	0*	0*	0*	0*	-3.45E+01
Contribution to total use of non-renewable primary energy resources	MJ	2.83E+01	1.46E+01	3.14E-01	3.12E-01	1.08E+00	1.20E+01	-7.71E+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 freshwater	m³	4.16E-03	1.78E-03	1.99E-06	4.59E-04	7.04E-05	1.85E-03	-4.98E-02
Contribution to hazardous waste disposed	kg	6.11E+00	5.99E+00	0*	0*	2.10E-03	1.21E-01	-5.52E+00
Contribution to non hazardous waste disposed	kg	1.16E+00	9.87E-01	7.90E-04	9.72E-02	1.19E-02	6.68E-02	-2.01E+00
Contribution to radioactive waste disposed	kg	3.56E-04	3.39E-04	5.63E-07	1.33E-05	4.26E-07	2.95E-06	-1.49E-03
Contribution to components for reuse	kg	0.00E+00	0*	0*	0*	0*	0*	0.00E+00
Contribution to materials for recycling	kg	7.79E-02	0*	0*	2.11E-02	0*	5.68E-02	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	0.00E+00	0*	0*	0*	0*	0*	0.00E+00
Contribution to biogenic carbon content of the product	kg de C	0.00E+00	0*	0*	0*	0*	0*	0.00E+00
Contribution to biogenic carbon content of the associated packaging	kg de C	0.00E+00	0*	0*	0*	0*	0*	0.00E+00

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

Life cycle assessment performed with EIME version 5.9.4, database version 2022-01 in compliance with ISO14044.

Detailed results, including all 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.schneider-electric.com/contact

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 :	ENVPEP1905004_V2	*Drafting rules*	PEP-PCR-ed4-2021 09 06
Validity period	5 years	*Supplemented by*	PSR-0005-ed2-2016 03 29
Date of issue	11/2023	*Information and reference documents*	www.pep-ecopassport.org

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)

PEP are compliant with XP C08-100-1 :2016 or EN 50693:2019

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. 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 €

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