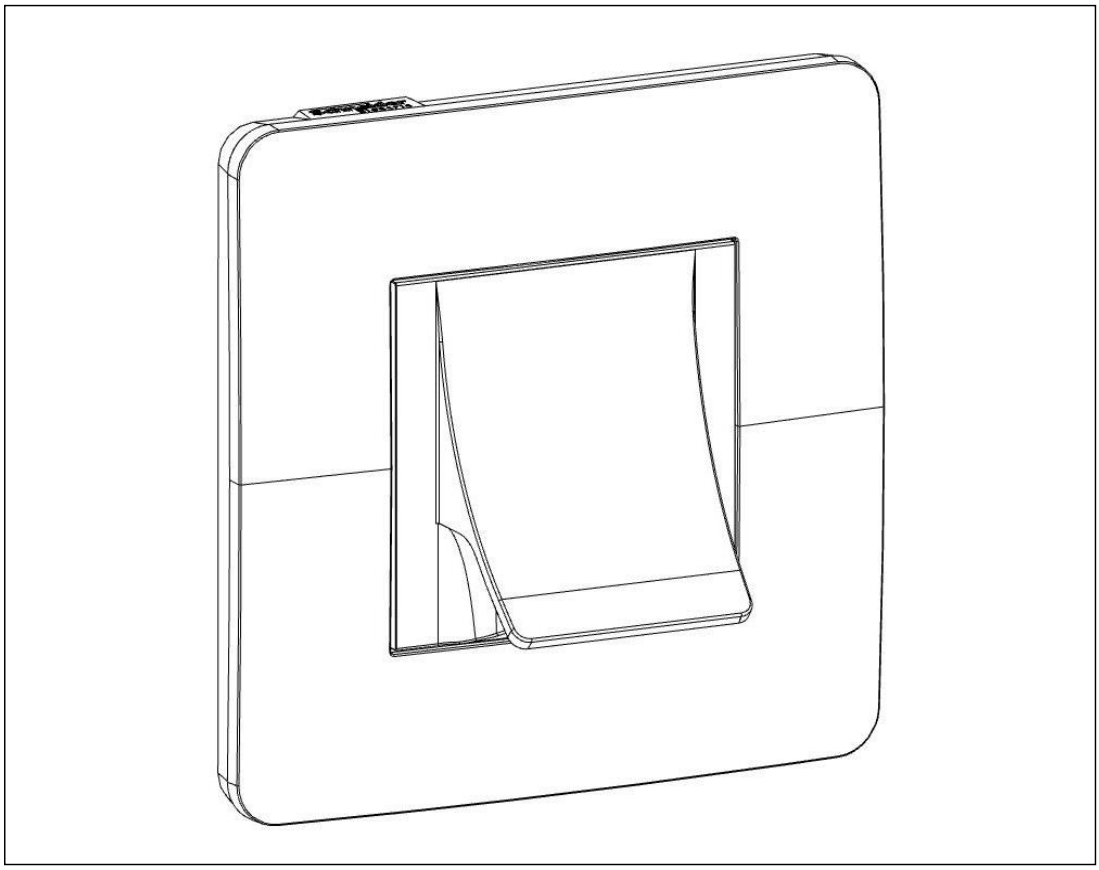
Product Environmental Profile

Cable Outlet

Representative of all types of cable outlets, with or without the central plates and the range accessories

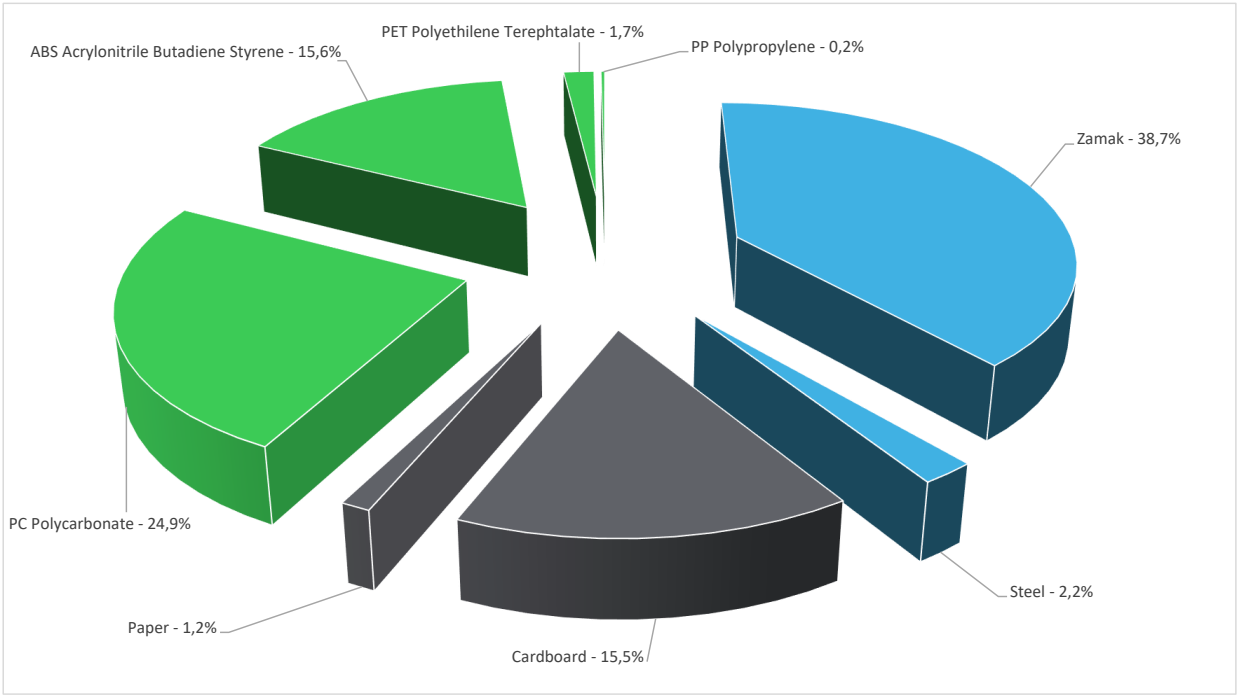


General information

Reference product	New Unica - Cable Outlet - White - NU586218+NU280218
Description of the product	The main purpose of the New Unica Cable outlet 16A is to well maintain an electrical cable which comes out from the wall. A typical use is to connect electrical heating system with electrical block junction inside the flush mounting box associated with it.
Description of the range	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. The products of the range are: All types of cable outlets, with or without the central plates and the range accessories
Functional unit	To protect persons during 20 years against direct contact with live parts, to allow to connect an appliance electrical cable to the electrical network 250V AC, in a recessed enclosure, while protecting against mechanical impacts (IK04) and the penetration of solid objects and liquids (IP20), in accordance with the standard UTE C 61-392 and EN 60670-1. Dimensions (mm) : 85x85x46
Specifications are:	H = 85 mm L = 85 mm P = 46 mm X = 1 cable outlet In = 16 A IP = IP20 Degree of protection against ingress of solid foreign objects and water with harmful effects in accordance with the standard IEC 60529 IK = IK04 Degree of protection against external mechanical impacts in accordance with the standard IEC 62262 Voltage range : 250VAC Low Voltage Current type : Alternative current

Constituent materials

Reference product mass	92 g	including the product, its packaging, additional elements and accessories



Plastics	42,4%
Metals	40,9%
Others	16,7%

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:	**5%**	The recyclability rate was calculated from the recycling rates of each material making up the product based on REEECY'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	20 years
Product category	Unequipped cabinets
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 consumtion	The electricity consumed during manufacturing processes is considered for each part of the product individually, the final assembly generates a negligable consumption
Installation elements	No special components needed
Use scenario	There is no use scenario to be considered
Time representativeness	The collected data are representative of the year 2023
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.
Final assembly site	Puente la Reina, Spain
Geographical representativeness	Europe

Energy model used	[A1 - A3]	[A5]	[B6]	[C1 - C4]
	Electricity Mix; Low voltage; 2020; Spain, ES	Electricity Mix; Low voltage; 2020; Europe, EU-27	Electricity Mix; Low voltage; 2020; Europe, EU-27	Electricity Mix; Low voltage; 2020; Europe, EU-27

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		New Unica - Cable Outlet - White - NU586218+NU280218						
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	5,62E-01	4,24E-01	1,79E-02	1,86E-02	0*	1,02E-01	-5,35E-03
Contribution to climate change-fossil	kg CO2 eq	5,78E-01	4,40E-01	1,79E-02	1,79E-02	0*	1,02E-01	-2,32E-02
Contribution to climate change-biogenic	kg CO2 eq	-1,53E-02	-1,61E-02	0*	0*	0*	0*	1,78E-02
Contribution to climate change-land use and land use change	kg CO2 eq	3,31E-05	3,31E-05	0*	0*	0*	0*	0,00E+00
Contribution to ozone depletion	kg CFC-11 eq	8,42E-09	8,08E-09	2,75E-11	2,19E-10	0*	9,27E-11	-1,59E-09
Contribution to acidification	mol H+ eq	1,76E-03	1,51E-03	1,13E-04	5,09E-05	0*	8,94E-05	-1,27E-04
Contribution to eutrophication, freshwater	kg $(PO4)^{3-}$eq	2,14E-06	1,73E-06	6,72E-09	3,91E-07	0*	8,88E-09	-2,60E-07
Contribution to eutrophication marine	kg N eq	5,84E-04	4,76E-04	5,32E-05	2,15E-05	0*	3,37E-05	-2,96E-05
Contribution to eutrophication, terrestrial	mol N eq	6,01E-03	4,88E-03	5,83E-04	1,52E-04	0*	3,91E-04	-2,59E-04
Contribution to photochemical ozone formation - human health	kg COVNM eq	1,62E-03	1,34E-03	1,47E-04	3,48E-05	0*	9,71E-05	-7,16E-05
Contribution to resource use, minerals and metals	kg Sb eq	3,22E-05	3,22E-05	0*	0*	0*	0*	-2,40E-06
Contribution to resource use, fossils	MJ	1,01E+01	9,15E+00	2,50E-01	1,73E-01	0*	5,55E-01	-3,71E-01
Contribution to water use	m3 eq	2,10E-01	1,98E-01	6,80E-05	1,46E-03	0*	1,05E-02	-7,21E-03

Inventory flows Indicators		New Unica - Cable Outlet - White - NU586218+NU280218						
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 use of renewable primary energy excluding renewable primary energy used as raw material	MJ	9,76E-01	9,52E-01	3,33E-04	2,29E-02	0*	1,85E-04	5,10E-02
Contribution to use of renewable primary energy resources used as raw material	MJ	3,88E-01	3,88E-01	0*	0*	0*	0*	-2,27E-01
Contribution to total use of renewable primary energy resources	MJ	1,36E+00	1,34E+00	3,33E-04	2,29E-02	0*	1,85E-04	-1,76E-01
Contribution to use of non renewable primary energy excluding non renewable primary energy used as raw material	MJ	8,64E+00	7,66E+00	2,50E-01	1,73E-01	0*	5,55E-01	-3,67E-01
Contribution to use of non renewable primary energy resources used as raw material	MJ	1,48E+00	1,48E+00	0*	0*	0*	0*	-3,70E-03
Contribution to total use of non-renewable primary energy resources	MJ	1,01E+01	9,15E+00	2,50E-01	1,73E-01	0*	5,55E-01	-3,71E-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	m^3	4,90E-03	4,62E-03	1,58E-06	3,40E-05	0*	2,45E-04	-1,68E-04
Contribution to hazardous waste disposed	kg	2,23E-01	2,23E-01	0*	4,16E-04	0*	0*	-1,90E-01
Contribution to non hazardous waste disposed	kg	6,43E-01	5,94E-01	6,29E-04	8,34E-03	0*	4,04E-02	-1,56E-02
Contribution to radioactive waste disposed	kg	1,75E-04	1,72E-04	4,48E-07	9,60E-07	0*	1,47E-06	-7,09E-06
Contribution to components for reuse	kg	0,00E+00	0*	0*	0*	0*	0*	0,00E+00

Contribution to materials for recycling	kg	8,78E-03	6,08E-03	0*	7,42E-04	0*	1,96E-03	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	7,46E-04	5,48E-05	0*	6,72E-04	0*	1,94E-05	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	4,42E-03

* 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		New Unica - Cable Outlet - White - NU586218+NU280218							
Impact indicators	Unit	[B1 - B7] - Use	[B1]	[B2]	[B3]	[B4]	[B5]	[B6]	[B7]
Contribution to climate change	kg CO2 eq	0*	0*	0*	0*	0*	0*	0*	0*
Contribution to climate change-fossil	kg CO2 eq	0*	0*	0*	0*	0*	0*	0*	0*
Contribution to climate change-biogenic	kg CO2 eq	0*	0*	0*	0*	0*	0*	0*	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	0*	0*	0*	0*	0*	0*	0*	0*
Contribution to acidification	mol H+ eq	0*	0*	0*	0*	0*	0*	0*	0*
Contribution to eutrophication, freshwater	kg $(PO4)^{3-}$eq	0*	0*	0*	0*	0*	0*	0*	0*
Contribution to eutrophication marine	kg N eq	0*	0*	0*	0*	0*	0*	0*	0*
Contribution to eutrophication, terrestrial	mol N eq	0*	0*	0*	0*	0*	0*	0*	0*
Contribution to photochemical ozone formation - human health	kg COVNM eq	0*	0*	0*	0*	0*	0*	0*	0*
Contribution to resource use, minerals and metals	kg Sb eq	0*	0*	0*	0*	0*	0*	0*	0*
Contribution to resource use, fossils	MJ	0*	0*	0*	0*	0*	0*	0*	0*
Contribution to water use	m3 eq	0*	0*	0*	0*	0*	0*	0*	0*

Inventory flows Indicators		New Unica - Cable Outlet - White - NU586218+NU280218							
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	0*	0*	0*	0*	0*	0*	0*	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	0*	0*	0*	0*	0*	0*	0*	0*
Contribution to use of non renewable primary energy excluding non renewable primary energy used as raw material	MJ	0*	0*	0*	0*	0*	0*	0*	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	0*	0*	0*	0*	0*	0*	0*	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	m^3	0*	0*	0*	0*	0*	0*	0*	0*
Contribution to hazardous waste disposed	kg	0*	0*	0*	0*	0*	0*	0*	0*
Contribution to non hazardous waste disposed	kg	0*	0*	0*	0*	0*	0*	0*	0*
Contribution to radioactive waste disposed	kg	0*	0*	0*	0*	0*	0*	0*	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 -1/1 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 :	SCHN-01277-V01.01-EN	*Drafting rules*	PCR-4-ed4-EN-2021 09 06
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Verifier accreditation N°	VH48	*Information and reference documents*	www.pep-ecopassport.org
Date of issue	09-2024	*Validity period*	5 years
Independent verification of the declaration and data, in compliance with ISO 14025 : 2006			
Internal	External X		
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 14025:2006 "Environmental labels and declarations. Type III environmental declarations"*			

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