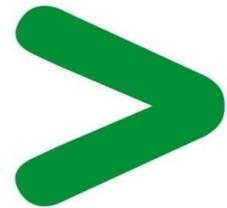


Product Environmental Profile

PrismaSeT S - Surface mounting enclosures





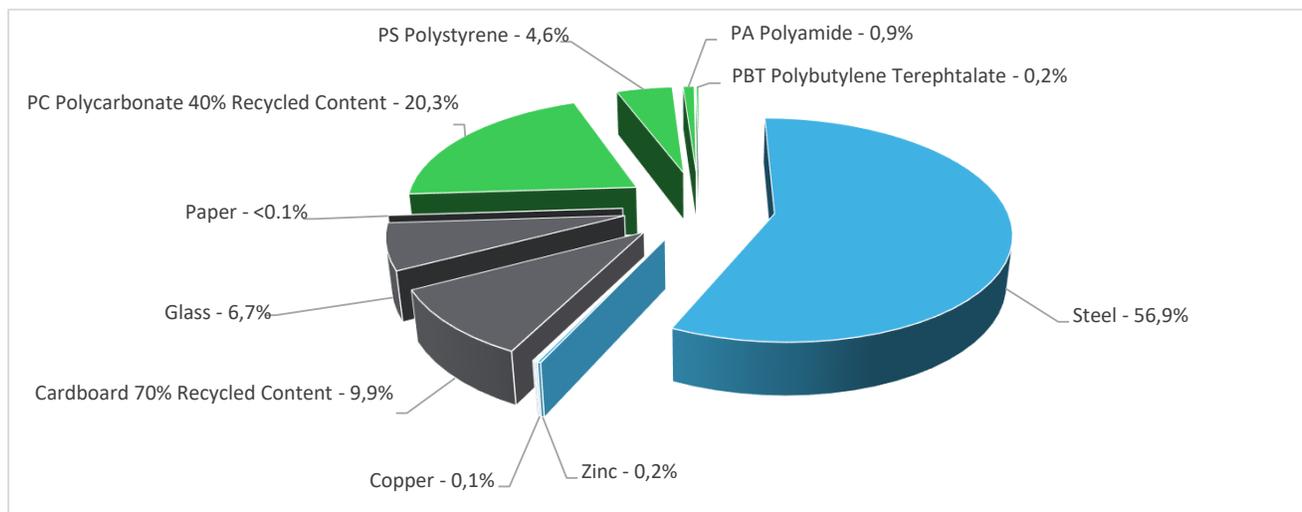
General information

Representative product	Assembly of references : LVSSD624 - surface metal enclosure 6 rows 24 modules plus duct LVSSDT624 - transparent door 6 rows 24 modules LVSSDD6 - white plain door for duct 6 rows
Description of the product	PrismaSeT S wall-mounted enclosures allow installation and protection of electrical devices while ensuring protection and safety of persons, they are intended for top of the range residential and tertiary sectors.
Description of the range	The range consists of enclosures with a width of 24 modules of 4 to 8 rows. The 6-7-8 row is also available with integrated lateral duct. All enclosures can be equipped with white Plain or Transparent door, only white plain door available for lateral duct.
Functional unit	Protect persons during 20 years against direct contact with live parts and allow grouping monitoring, control and protection devices in an enclosure having the following dimensions: height 1108mm, width 820mm, depth 189 mm, while protecting against mechanical impacts (IK09) and the penetration of solid objects and liquids (IP41).



Constituent materials

Reference product mass 45300 g including the product, its packaging and additional elements and accessories



Plastics	26,1%
Metals	57,3%
Others	16,6%



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 PrismaSeT S - Surface mounting enclosures present the following relevant environmental aspects

Design	PrismaSeT S enclosures are made with at least 30% plastic recycled content
Manufacturing	Manufactured at a production site complying with the regulations
Distribution	Weight and volume of the packaging optimized, based on the European Union's packaging directive Packaging weight is 4332 g, consisting of cardboard (99,5%), paper(0,5%) Packaging recycled materials is 70% of total packaging mass. Product distribution optimised by setting up local distribution centres
Installation	PrismaSeT S enclosures do not require any special installation operations. The disposal of the packaging materials are accounted 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 No special end-of-life treatment required. According to countries' practices this product can enter the usual end-of-life treatment process. Recyclability potential: 69% 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).



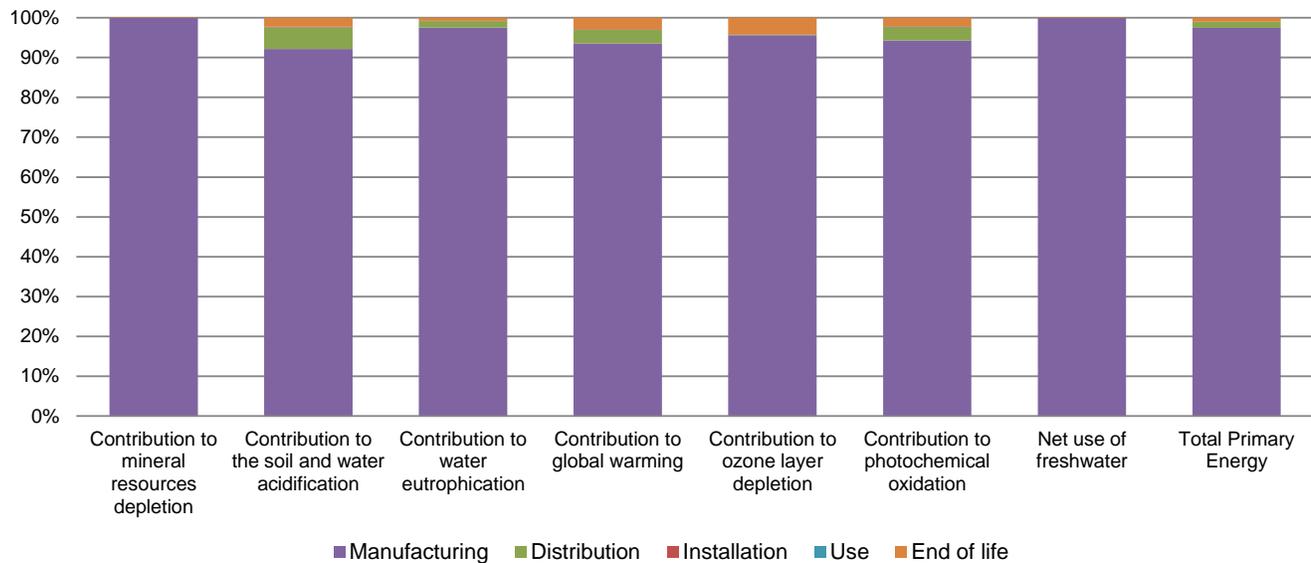
Environmental impacts

Reference life time	20 years			
Product category	Unequipped enclosures and cabinets			
Installation elements	No special components needed			
Use scenario	Non applicable for unequipped enclosures and cabinets			
Geographical representativeness	Europe			
Technological representativeness	PrismaSeT S wall-mounted enclosures allow installation and protection of electrical devices while ensuring protection and safety of persons, they are intended for top of the range residential and tertiary sectors.			
Energy model used	Manufacturing	Installation	Use	End of life
	Italy - Electricity mix; AC; consumption mix, at consumer; 220V; IT	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

Compulsory indicators

References : LVSSD624 + LVSSDD6 + LVSSDT624

Impact indicators	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
Contribution to mineral resources depletion	kg Sb eq	1,23E-03	1,23E-03	2,34E-07	0*	0*	0*
Contribution to the soil and water acidification	kg SO ₂ eq	4,89E-01	4,50E-01	2,67E-02	9,77E-04	0*	1,08E-02
Contribution to water eutrophication	kg PO ₄ ³⁻ eq	3,69E-01	3,59E-01	6,15E-03	2,37E-04	0*	2,84E-03
Contribution to global warming	kg CO ₂ eq	1,70E+02	1,59E+02	5,84E+00	2,34E-01	0*	4,90E+00
Contribution to ozone layer depletion	kg CFC11 eq	5,68E-06	5,43E-06	1,18E-08	0*	0*	2,35E-07
Contribution to photochemical oxidation	kg C ₂ H ₄ eq	5,46E-02	5,15E-02	1,90E-03	7,30E-05	0*	1,14E-03
Resources use	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
Net use of freshwater	m3	3,89E+01	3,89E+01	0*	0*	0*	4,68E-03
Total Primary Energy	MJ	5,37E+03	5,23E+03	8,26E+01	3,06E+00	0*	5,33E+01



Optional indicators		References : LVSSD624 + LVSSDD6 + LVSSDT624					
Impact indicators	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
Contribution to fossil resources depletion	MJ	2,16E+03	2,03E+03	8,21E+01	3,04E+00	0*	4,28E+01
Contribution to air pollution	m³	1,80E+04	1,73E+04	2,49E+02	9,35E+00	0*	3,81E+02
Contribution to water pollution	m³	2,14E+04	2,00E+04	9,61E+02	3,56E+01	0*	4,40E+02
Resources use	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
Use of secondary material	kg	1,80E+01	1,80E+01	0*	0*	0*	0*
Total use of renewable primary energy resources	MJ	5,08E+01	5,07E+01	1,10E-01	0*	0*	5,94E-02
Total use of non-renewable primary energy resources	MJ	5,32E+03	5,18E+03	8,25E+01	3,06E+00	0*	5,32E+01
Use of renewable primary energy excluding renewable primary energy used as raw material	MJ	3,80E+01	3,78E+01	1,10E-01	4,76E-03	0*	5,94E-02
Use of renewable primary energy resources used as raw material	MJ	1,29E+01	1,29E+01	0*	0*	0*	0*
Use of non renewable primary energy excluding non renewable primary energy used as raw material	MJ	5,03E+03	4,89E+03	8,25E+01	3,06E+00	0*	5,32E+01
Use of non renewable primary energy resources used as raw material	MJ	2,92E+02	2,92E+02	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	1,03E+02	5,52E+01	0*	0*	0*	4,79E+01
Non hazardous waste disposed	kg	1,19E+02	1,19E+02	2,08E-01	3,18E-02	0*	1,64E-01
Radioactive waste disposed	kg	5,47E-02	5,43E-02	1,48E-04	6,26E-06	0*	2,55E-04
Other environmental information	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
Materials for recycling	kg	3,36E+01	4,04E+00	0*	4,31E+00	0*	2,52E+01
Components for reuse	kg	0,00E+00	0*	0*	0*	0*	0*
Materials for energy recovery	kg	4,89E-01	0*	0*	0*	0*	4,89E-01
Exported Energy	MJ	1,37E-02	1,29E-03	0*	1,24E-02	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 (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.

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Verifier accreditation N°	VH18	Supplemented by	PSR-0005-ed2-EN-2016 03 29
Date of issue	04/2022	Information and reference documents	www.pep-ecopassport.org
		Validity period	5 years
Independent verification of the declaration and data, in compliance with ISO 14025 : 2010			
Internal		External	X
The PCR review was conducted by a panel of experts chaired by Philippe Osset (SOLINNEN)			
PEP are compliant with XP C08-100-1 :2016			
The elements of the present PEP cannot be compared with elements from another program.			
Document in compliance with ISO 14025 : 2010 « Environmental labels and declarations. Type III environmental declarations »			



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