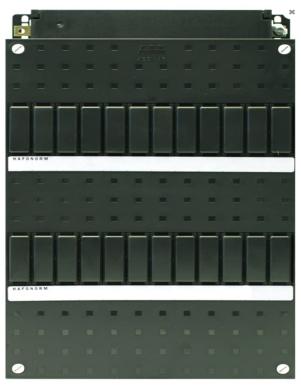


UNEQUIPPED INSTALLATION CABINETS WITHOUT BUSBOARDS®

Product Environmental Profile

Environmental Product Declaration



HLD33 - 1SPF006964F0230



Document in compliance with ISO 14025: 2010 "Environmental labels and declarations. Type III environmental declarations"

ORGANIZATION	CONTACT INFORMATION						
ABB B.V.	Harold.de-jong@nl.abb.com						
ADDRESS		WEBSITE					
Frankeneng 15		https://new.abb.com/benelux/					
STATUS	SECURITY LEVEL	REGISTRATION NUMBER	REV.	LANG.	PAGE		
Approved	Public	ABBG-00058-V01.01	1	EN	1/13		
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PAGE

2/13

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1



ABB Purpose & Embedding Sustainability

ABB is committed to continually promoting and embedding sustainability across its operations and value chain, aspiring to become a role model for others to follow.

With its ABB Purpose, ABB is focusing on reducing harmful emissions, preserving natural resources and championing ethical and humane behavior.



STATUS

Approved

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General Information

SECURITY LEVEL

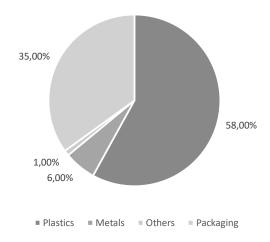
Public

Reference product	1SPF006964F0230 HLD33
Description of the product	Unequipped installation cabinet without Busboards®
Functional unit	1. Protect persons during 20 years against direct contact with live parts and allow grouping monitoring, control and protection devices in a single cabinet or a cabinet having the following dimensions 220 x 330 x 92, while protecting against the penetration of solid objects and liquids (IP20)
Other products covered	1SPF006964F0220 HLD22*, 1SPF002001F5213 BAK 220X330 + INVOERSTUK BULK and 1SPF002001F5214 BAK220x330 + INVOERSTUK

REGISTRATION NUMBER

ABBG-00058-V01.01

Constituent materials



Total weight of Reference product in kg including packaging

1,675229

Plastics as % of weight		Metals as % of weight		Others as % of weight		
Name and CAS number	Weight-%	Name and CAS number	Weight-%	Name and CAS number	Weight-%	
Plastics	58,00	Metals	6,00	Others	1,00	
-	-	-	-	Packaging	35,00	

STATUS	SECURITY LEVEL	REGISTRATION NUMBER	REV.	LANG.	PAGE			
Approved	Public	ABBG-00058-V01.01	1	EN	3/13			
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Additional Environmental Information

Manufacturing	Manufactured at Ede factory in the Neterhlands, ISO 14001 certified. In the manufacturing process is considered the raw material including the packaging, its transport ot the manufacturing site, the manufacturing process and the transport to ABB in Ede. The information is given by the company
Distribution	Packaging consists of a cardboard box, a pallet and LDPE. The transport distance per unequipped Hafonorm cabinet is 150 kilometres, which is based on the default transport distance for the distribution stage from the National Environmental Database (Nationale Milieu Database, hereafter referred to as NMD) Dutch standard Environmental Performance Assessment Method for Construction Works, calculation method to determine environmental performance of construction works throughout their service life, based on EN 15804 (hereafter referred as NMD Assessment method).
Installation	For the installation of the product, no special installation procedure is required an dlittle to no energy is required to install the cabinets.
Use	The product does not require special maintanence operations. The use stage includes energy dissipation which means energy becomes unavailable due to generation of heat in the system.
End of life	No special end-of-life treatment is required. The waste treatment and sisposal scenarios of the materials are based on default waste treatment and disposal scenarios from the Dutch standard NMD Assessment method.
Benefits and loads beyond the system boundaries	Benefits and loads beyond the system boundaries are included

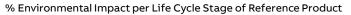


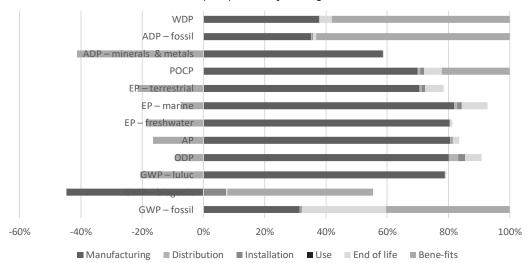
Environmental impacts

Reference lifetime	20 years
Product category	Electrical, Electronic and HVAC-R Products with specific rules for Electrical switchgear and control gear Solutions (unequipped cabinets and terminal blocks)
Installation elements	Four screws
Use scenario	Non-applicable
Geographical representativeness	Good quality
Technological representativeness	Excellent quality
Software and database used	LCA calculations made with Simapro 9.3, with the EN 15804:2019+A2 characterization factors (IPCC AR5) and Ecoinvent version 3.8n database
Energy model used	
Manufacturing	Electricity, low voltage {NL} electricity production, photovoltaic, 3kWp slanted-roof installation, multi-Si, panel, mounted Cut-off, U and Electricity, low voltage {NL} market for Cut-off, U
Installation	Non-applicable
Use	Non-applicable
End of life	Non-applicable

STATUS	SECURITY LEVEL	REGISTRATION NUMBER	REV.	LANG.	PAGE
Approved	Public	ABBG-00058-V01.01	1	EN	4/13
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Common base of mandatory indicators





Environmental impact indicators

Indicator	Unit	Total	Manu- facturing	Distri- bution	Instal- lation	Use	End of life	Bene- fits
GWP-total	kg CO₂ eq.	3,52E+00	1,60E+00	2,06E-02	1,03E-01	0,00E+00	1,80E+00	3,10E+0
GWP-fossil	kg CO₂ eq.	3,88E+00	2,04E+00	2,06E-02	2,83E-02	0,00E+00	1,79E+00	2,63E+0
GWP-biogenic	kg CO₂ eq.	-3,69E-01	-4,48E-01	2,09E-05	7,46E-02	0,00E+00	4,45E-03	4,75E-0
GWP-luluc	kg CO₂ eq.	9,26E-03	9,19E-03	7,39E-06	8,21E-06	0,00E+00	4,59E-05	-2,42E-0
GWP-fossil = Global Warming GWP-biogenic = Global Warn GWP-luluc = Global Warming	ning Potential bio	genic	e change					
OPD	kg CFC-11 eq.	1,50E-07	1,32E-07	4,91E-09	3,79E-09	0,00E+00	8,91E-09	-1,52E-0
OPD = Depletion potential or	f the stratospheri	c ozone layer						
AP	H+ eq.	2,20E-02	2,12E-02	8,58E-05	1,17E-04	0,00E+00	5,64E-04	-4,34E-0
AP = Acidification potential,	Accumulated Exc	eedance						
EP-freshwater	kg P eq.	1,42E-04	1,41E-04	1,41E-07	2,64E-07	0,00E+00	1,23E-06	-3,29E-0
	Iras NI a as	2,56E-03	2 205 02	2 505 05	4,18E-05	0,00E+00	2 225 04	
EP-marine	kg N eq.	2,30E-03	2,26E-03	2,59E-05	4,100-03	0,000	2,32E-04	-1,99E-0
	mol N eq.	3,10E-02	2,78E-02	2,86E-04	4,44E-04	0,00E+00		
EP-terrestrial EP-freshwater = Eutrophicat EP-marine = Eutrophication	mol N eq. tion potential, fra potential, fraction	3,10E-02 ction of nutrients	2,78E-02 ents reaching fres reaching marine	2,86E-04	4,44E-04			
EP-terrestrial EP-freshwater = Eutrophicat EP-marine = Eutrophication EP-terrestrial = Eutrophicati	mol N eq. tion potential, fra potential, fraction	3,10E-02 ction of nutrients	2,78E-02 ents reaching fres reaching marine	2,86E-04	4,44E-04		2,41E-03	-8,51E-(
EP-terrestrial EP-freshwater = Eutrophicat EP-marine = Eutrophication EP-terrestrial = Eutrophicati POCP	mol N eq. tion potential, fra potential, fraction on potential, Acco kg NMVOC eq.	3,10E-02 ction of nutrien n of nutrients umulated Exce 8,50E-03	2,78E-02 ents reaching free reaching marine eedance	2,86E-04 shwater end comp end compartmen	4,44E-04 partment t	0,00E+00	2,41E-03	-8,51E-(
EP-terrestrial EP-freshwater = Eutrophicat EP-marine = Eutrophication EP-terrestrial = Eutrophicati POCP POCP = Formation potential	mol N eq. tion potential, fra potential, fraction on potential, Acco kg NMVOC eq.	3,10E-02 ction of nutrien n of nutrients umulated Exce 8,50E-03	2,78E-02 ents reaching free reaching marine eedance	2,86E-04 shwater end comp end compartmen	4,44E-04 partment t	0,00E+00	2,41E-03 6,23E-04	-8,51E-0
EP-terrestrial EP-freshwater = Eutrophicat EP-marine = Eutrophication EP-terrestrial = Eutrophicati POCP POCP = Formation potential ADP-minerals & metals	mol N eq. tion potential, fra potential, fraction on potential, Acco kg NMVOC eq. of tropo-spheric	3,10E-02 ction of nutrie n of nutrients umulated Exce 8,50E-03 ozone	2,78E-02 entrs reaching free reaching marine seedance 7,64E-03	2,86E-04 shwater end comp end compartmen 9,21E-05	4,44E-04 partment t	0,00E+00	2,41E-03 6,23E-04 3,74E-07	-8,51E-0 2,43E-0 -2,68E-0
EP-terrestrial EP-freshwater = Eutrophicati EP-marine = Eutrophication EP-terrestrial = Eutrophicati POCP POCP = Formation potential ADP-minerals & metals ADP-fossil ADP-minerals & metals = Abi	mol N eq. tion potential, fra potential, fraction on potential, Acct kg NMVOC eq. of tropo-spheric kg Sb eq. MJ iotic depletion po	3,10E-02 ction of nutrie n of nutrients umulated Exce 8,50E-03 ozone 3,82E-04 3,13E+01 tential for nor	2,78E-02 ents reaching free reaching marine seedance 7,64E-03 3,81E-04 2,98E+01 a-fossil resources	2,86E-04 shwater end comp end compartmen 9,21E-05 4,72E-08 3,21E-01	1,42E-04	0,00E+00 0,00E+00	2,41E-03 6,23E-04 3,74E-07	-1,99E-C -8,51E-C 2,43E-C -2,68E-C 5,37E+C
EP-terrestrial EP-freshwater = Eutrophicati EP-marine = Eutrophication EP-terrestrial = Eutrophicati POCP POCP = Formation potential ADP-minerals & metals ADP-fossil ADP-minerals & metals = Abi ADP-fossil = Abiotic deple-tii	mol N eq. tion potential, fra potential, fraction on potential, Acct kg NMVOC eq. of tropo-spheric kg Sb eq. MJ iotic depletion po	3,10E-02 ction of nutrie n of nutrients umulated Exce 8,50E-03 ozone 3,82E-04 3,13E+01 tential for nor	2,78E-02 ents reaching free reaching marine seedance 7,64E-03 3,81E-04 2,98E+01 a-fossil resources	2,86E-04 shwater end comp end compartmen 9,21E-05 4,72E-08 3,21E-01	1,42E-04	0,00E+00 0,00E+00 0,00E+00	2,41E-03 6,23E-04 3,74E-07	-8,51E-0 2,43E-0 -2,68E-0 5,37E+0
EP-terrestrial EP-freshwater = Eutrophicat EP-marine = Eutrophication EP-terrestrial = Eutrophication POCP POCP = Formation potential ADP-minerals & metals ADP-fossil ADP-minerals & metals = Abi ADP-fossil = Abiotic deple-tic WDP	mol N eq. tion potential, fra potential, fraction on potential, According kg NMVOC eq. of tropo-spheric kg Sb eq. MJ totic depletion po on for fossil resou m³ e depr.	3,10E-02 ction of nutrients in of nutrients sumulated Exce 8,50E-03 ozone 3,82E-04 3,13E+01 tential for nor urces potentia	2,78E-02 ents reaching free reaching marine seedance 7,64E-03 3,81E-04 2,98E+01 a-fossil resources	2,86E-04 shwater end compend compartmen 9,21E-05 4,72E-08 3,21E-01	1,42E-04 1,14E-07 2,75E-01	0,00E+00 0,00E+00 0,00E+00	2,41E-03 6,23E-04 3,74E-07 8,64E-01	-8,51E-0 2,43E-0 -2,68E-0 5,37E+0
EP-marine EP-terrestrial EP-freshwater = Eutrophicati EP-marine = Eutrophication EP-terrestrial = Eutrophication POCP POCP = Formation potential ADP-minerals & metals ADP-fossil ADP-fossil = Abiotic deple-tie WDP WDP = Water Deprivation potential	mol N eq. tion potential, fra potential, fraction on potential, Acct kg NMVOC eq. of tropo-spheric kg Sb eq. MJ iotic depletion po on for fossil resou m³ e depr. otential	3,10E-02 ction of nutrients in of nutrients sumulated Exce 8,50E-03 ozone 3,82E-04 3,13E+01 tential for nor urces potentia	2,78E-02 ents reaching free reaching marine seedance 7,64E-03 3,81E-04 2,98E+01 a-fossil resources	2,86E-04 shwater end compend compartmen 9,21E-05 4,72E-08 3,21E-01	1,42E-04 1,14E-07 2,75E-01	0,00E+00 0,00E+00 0,00E+00 0,00E+00	2,41E-03 6,23E-04 3,74E-07 8,64E-01	-8,51E-0 2,43E-0 -2,68E-0 5,37E+0

Common base of mandatory indicators

Inventory flows indicator – Resource use indicators

Indicator	Unit	Total	Manu- facturing	Distri- bution	Instal- lation	Use	End of life	Bene- fits
PERE	MJ	2,91E+00	2,86E+00	4,08E-03	7,55E-03	0,00E+00	3,70E-02	-2,30E+01
PERM	МЈ	8,90E+00	8,90E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	МЈ	1,18E+01	1,18E+01	4,08E-03	7,55E-03	0,00E+00	3,70E-02	-2,30E+01
PENRE	МЈ	1,02E+01	8,65E+00	3,40E-01	2,92E-01	0,00E+00	9,26E-01	5,79E+01
PENRM	МЈ	2,34E+01	2,34E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	МЭ	3,37E+01	3,21E+01	3,40E-01	2,92E-01	0,00E+00	9,26E-01	5,79E+01

PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials

PERM = Use of renewable primary energy resources used as raw materials

PERT = Total Use of renewable primary energy resources

 ${\tt PENRE = Use\ of\ non-renewable\ primary\ energy\ excluding\ non-renewable\ primary\ energy\ resources\ used\ as\ raw\ materials}$

PENRM = Use of non-renewable primary energy resources used as raw materials

PENRT = Total Use of non-renewable primary energy re-sources)

Inventory flows indicator – Indicators describing the use of secondary materials, water, and energy re-sources

Indicator	Unit	Total	Manu- facturing	Distri- bution	Instal- lation	Use	End of life	Bene- fits
SM	kg	7,43E-01	7,43E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	МЈ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	m³	2,72E-02	2,44E-02	3,53E-05	8,84E-05	0,00E+00	2,77E-03	2,91E-02

SM = Use of secondary material

RSF = Use of renewable secondary fuels

NRSF = Use of non-renewable secondary fuels

FW = Use of net fresh water

Inventory flows indicator - Waste category indicators

Indicator	Unit	Total	Manu- facturing	Distri- bution	Instal- lation	Use	End of life	Bene- fits
Hazardous waste disposed	kg	1,98E-04	1,95E-04	7,76E-07	7,35E-07	0,00E+00	2,04E-06	-1,36E-04
Non- hazardous waste disposed	kg	4,94E-01	3,80E-01	3,00E-02	1,49E-02	0,00E+00	6,86E-02	-7,20E-02
Radioactive waste disposed	kg	6,45E-05	5,73E-05	2,17E-06	1,77E-06	0,00E+00	3,27E-06	-1,41E-05

STATUS	SECURITY LEVEL	REGISTRATION NUMBER	REV.	LANG.	PAGE
Approved	Public	ABBG-00058-V01.01	1	EN	6/13
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Common base of mandatory indicators

Inventory flows indicator – Output flow indicators

Indicator	Unit	Total	Manu- facturing	Distri- bution	Instal- lation	Use	End of life	Bene- fits
Components for re-use	kg	3,00E-01	0,00E+00	0,00E+00	3,00E-01	0,00E+00	0,00E+00	0,00E+00
Materials for recycling	kg	6,07E-01	0,00E+00	0,00E+00	2,33E-01	0,00E+00	1,87E-01	0,00E+00
Materials for energy recovery	kg	1,52E+00	5,92E-04	0,00E+00	4,61E-02	0,00E+00	7,35E-01	0,00E+00
Exported energy	МЈ	2,12E+00	5,92E-04	0,00E+00	2,80E-01	0,00E+00	9,22E-01	0,00E+00

Inventory flow indicator – other indicators

Indicator	Unit	Total
Biogenic carbon content of the product	kg of C	8,90E-03
Biogenic carbon content of the associated packaging	kg of C	2,61E-01

STATUS	SECURITY LEVEL	REGISTRATION NUMBER	REV.	LANG.	PAGE
Approved	Public	ABBG-00058-V01.01	1	EN	7/13
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Optional indicators

Environmental indicators

Indicator	Unit	Total	Manu- facturing	Distri- bution	Instal- lation	Use	End of life	Bene- fits
Total use of primary energy during the life cycle	МЈ	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Emissions of fine particles	inci- dence of dis- eases	1,23E-07	1,13E-07	2,42E-09	2,37E-09	0,00E+00	5,30E-09	6,20E-08
Ionizing radiation, human health	kBq U235 eq.	6,34E-02	5,83E-02	1,39E-03	1,21E-03	0,00E+00	2,52E-03	-1,96E-02
Ecotoxicity (fresh water)	CTUe	1,57E+02	1,52E+02	2,50E-01	4,17E-01	0,00E+00	4,22E+00	-9,20E+01
Human toxicity, car- cinogenic effects	CTUh	7,45E-09	7,22E-09	6,93E-12	2,00E-11	0,00E+00	2,01E-10	-3,68E-09
Human toxicity, non- carcinogenic effects	CTUh	2,19E-07	2,12E-07	2,74E-10	4,28E-10	0,00E+00	6,57E-09	-1,46E-07
Impact related to land use/soil quality	kg	5,58E+01	5,47E+01	3,67E-01	1,80E-01	0,00E+00	5,60E-01	-1,08E+02

STATUS	SECURITY LEVEL	REGISTRATION NUMBER	REV.	LANG.	PAGE
Approved	Public	ABBG-00058-V01.01	1	EN	8/13
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For other products than the Reference product covered by this PEP, the environmental impacts for each phase of the lifecycle are obtained by multiplying the values of the Reference product by the following coefficients:

* if the coefficient is "1", the impacts of the phase of the life cycle are assimilated to the Reference product, meaning that the impacts are unchanged in comparison to the Reference product

Product name	Manufacturing	Distribution	Instal- lation	Use	End of life	Benefits
1SPF006964F0220 HLD22*						
Climate change - total	7,29E-01	7,84E-01	8,26E-01	1,00E+00	7,36E-01	6,80E-01
Climate change - fossil fuels	7,33E-01	7,84E-01	8,56E-01	1,00E+00	7,29E-01	6,73E-01
Climate change - biogenics	9,25E-01	7,84E-01	8,26E-01	1,00E+00	1,22E+00	7,83E-01
Climate change - land use and land use transformation	8,38E-01	7,84E-01	8,23E-01	1,00E+00	7,75E-01	8,93E-01
Ozone depletion	8,29E-01	7,84E-01	8,23E-01	1,00E+00	7,46E-01	7,69E-01
Acidification	8,83E-01	7,84E-01	8,22E-01	1,00E+00	7,46E-01	1,23E+00
Freshwater eutrophication	8,58E-01	7,84E-01	8,22E-01	1,00E+00	7,80E-01	9,94E-01
Marine eutrophication	8,12E-01	7,84E-01	8,23E-01	1,00E+00	7,39E-01	2,52E+01
Terrestrial eutrophication	8,36E-01	7,84E-01	8,23E-01	1,00E+00	7,39E-01	1,95E+00
Photochemical ozone formation	8,13E-01	7,84E-01	8,22E-01	1,00E+00	7,41E-01	4,17E-01
Resource depletion - metals and minerals	9,94E-01	7,84E-01	8,21E-01	1,00E+00	7,81E-01	1,00E+00
Resource depletion - fossils	7,52E-01	7,84E-01	8,23E-01	1,00E+00	7,53E-01	7,09E-01
Water requirement	8,11E-01	7,84E-01	8,21E-01	1,00E+00	7,35E-01	6,66E-01
1SPF002001F5213 BAK 220X330 + INVOERSTUK BULK						
Climate change - total	4,06E-01	5,94E-01	6,76E-01	1,00E+00	5,18E-01	9,02E-01
Climate change - fossil fuels	4,05E-01	5,94E-01	5,25E-01	1,00E+00	5,23E-01	6,74E-01
Climate change - biogenics	3,50E-01	5,94E-01	6,80E-01	1,00E+00	1,39E-01	4,11E+00
Climate change - land use and land use transformation	3,61E-01	5,94E-01	4,15E-01	1,00E+00	5,93E-01	5,44E-01
Ozone depletion	5,96E-01	5,94E-01	4,68E-01	1,00E+00	5,31E-01	5,34E-01
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For other products than the Reference product covered by this PEP, the environmental impacts for each phase of the lifecycle are obtained by multiplying the values of the Reference product by the following coefficients:

* if the coefficient is "1", the impacts of the phase of the life cycle are assimilated to the Reference product, meaning that the impacts are unchanged in comparison to the Reference product

Product name	Manufacturing	Distribution	Instal- lation	Use	End of life	Benefits
Acidification	7,29E-01	5,94E-01	3,98E-01	1,00E+00	5,39E-01	1,28E+00
Freshwater eutrophication	6,79E-01	5,94E-01	3,60E-01	1,00E+00	5,97E-01	8,33E-01
Marine eutrophication	5,30E-01	5,94E-01	3,87E-01	1,00E+00	5,28E-01	6,59E+00
Terrestrial eutrophication	6,07E-01	5,94E-01	3,91E-01	1,00E+00	5,29E-01	1,57E+00
Photochemical ozone formation	5,62E-01	5,94E-01	3,85E-01	1,00E+00	5,29E-01	2,71E-01
Resource depletion - metals and minerals	9,88E-01	5,94E-01	3,35E-01	1,00E+00	5,92E-01	9,99E-01
Resource depletion - fossils	4,53E-01	5,94E-01	4,51E-01	1,00E+00	5,49E-01	6,31E-01
Water requirement	5,64E-01	5,94E-01	2,89E-01	1,00E+00	5,29E-01	5,13E-01
1SPF002001F5214 BAK220x330 + INVOERSTUK						
Climate change - total	2,85E-01	6,50E-01	8,39E-01	1,00E+00	5,17E-01	1,16E+00
Climate change - fossil fuels	2,91E-01	6,50E-01	7,64E-01	1,00E+00	5,21E-01	1,06E+00
Climate change - biogenics	7,02E-01	6,50E-01	8,41E-01	1,00E+00	2,30E-01	2,61E+00
Climate change - land use and land use transformation	6,51E-01	6,50E-01	7,09E-01	1,00E+00	5,84E-01	6,68E-01
Ozone depletion	5,74E-01	6,50E-01	7,35E-01	1,00E+00	5,29E-01	5,21E-01
Acidification	4,83E-01	6,50E-01	7,01E-01	1,00E+00	5,36E-01	4,38E-01
Freshwater eutrophication	5,22E-01	6,50E-01	6,81E-01	1,00E+00	5,87E-01	4,97E-01
Marine eutrophication	4,14E-01	6,50E-01	6,95E-01	1,00E+00	5,26E-01	-2,45E+01
Terrestrial eutrophication	4,89E-01	6,50E-01	6,97E-01	1,00E+00	5,27E-01	-3,43E-01

STATUS	SECURITY LEVEL	REGISTRATION NUMBER	REV.	LANG.	PAGE
Approved	Public	ABBG-00058-V01.01	1	EN	10/13
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For other products than the Reference product covered by this PEP, the environmental impacts for each phase of the lifecycle are obtained by multiplying the values of the Reference product by the following coefficients:

* if the coefficient is "1", the impacts of the phase of the life cycle are assimilated to the Reference product, meaning that the impacts are unchanged in comparison to the Reference product

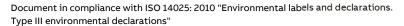
Product name	Manufacturing	Distribution	Instal- lation	Use	End of life	Benefits
Photochemical ozone formation	3,83E-01	6,50E-01	6,94E-01	1,00E+00	5,27E-01	9,57E-01
Resource depletion - metals and minerals	6,09E-01	6,50E-01	6,69E-01	1,00E+00	5,83E-01	6,05E-01
Resource depletion - fossils	2,89E-01	6,50E-01	7,27E-01	1,00E+00	5,45E-01	8,78E-01
Water requirement	3,34E-01	6,50E-01	6,46E-01	1,00E+00	5,26E-01	7,67E-01
STATUS	SECURITY LEV	VEL	REGISTRATION NU		REV. LANG.	PAGE
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Verifier accreditation number:		Information and refere	ence documents:
VH42		www.pep-ecopasspor	t.org
Date of issue:	September 2022	Validity period:	5 years
Independent verification of th	e declaration and data, in complian	ce with ISO 14025: 2010	
Internal O		External	
The PCR review was conducted	d 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





STATUS	SECURITY LEVEL	REGISTRATION NUMBER	REV.	LANG.	PAGE
Approved	Public	ABBG-00058-V01.01	1	EN	12/13
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Environmental Impact Indicator Glossary

Impact indicators

Indicator	Description	Unit
Global warming potential (GWP) - total	Indicator of potential global warming caused by emissions to air contributing to the greenhouse effect. The total global warming potential (GWP-total) is the sum of three sub-categories of climate change. GWP-total = GWP-fossil + GWP-biogenic + GWP- land use and land use change	kg CO₂ eq.
Ozone depletion (OD)	Emissions to air that contribute to the destruction of the stratospheric ozone layer	kg CFC-11 eq
Acidification of soil and water (A)	Acidification of soils and water caused by the release of certain gases to the atmosphere, such as nitrogen oxides and sulphur oxides	H+ eq.
Eutrophication (E)	Indicator of the contribution to eutrophication of water by the enrichment of the aquatic ecosystem with nutritional elements, e.g. industrial or domestic effluents, agriculture, etc. This indicator is divided to three: freshwater, marine and terrestrial.	kg P eq., kg N eq., mole N eq.
Photochemical ozone creation (POCP)	Indicator of emissions of gases that affect the creation of photochemical ozone in the lower atmosphere (smog) because of the rays of the sun.	kg NMVOC eq.
Depletion of abiotic resources – elements (ADPe)	Indicator of the depletion of natural non-fossil resources	kg Sb eq.
Depletion of abiotic resources – fossil fuels (ADPf)	The use of non-renewable fossil resources in an unsustainable way (e.g. from material to waste)	MJ (lower heating value)
Water Deprivation potential (WDP)	Deprivation-weighted water consumption. Assesses the potential of water deprivation, to either humans or ecosystems, building on the assumption that the less water remaining available per area, the more likely another user will be deprived.	m³ e depr.

Resource use indicators

Indicator	Description	Unit
Total use of primary energy	Total use of non-renewable primary energy resources (primary energy and primary energy resources used as raw materials) + Total use of renewable primary energy re-sources (primary energy and primary energy resources used as raw materials)	MJ (lower heating value)

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Approved	Public	ABBG-00058-V01.01	1	EN	13/13
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