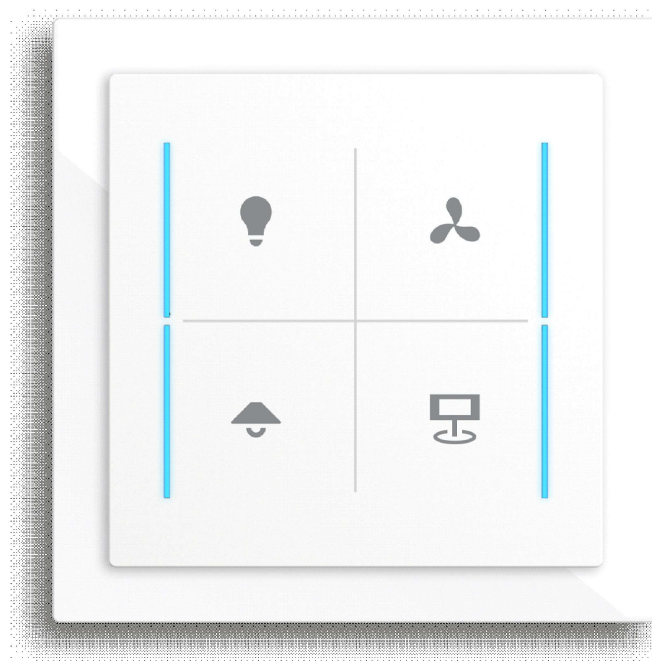


ABB TREVION® 70 TOUCH

PEP ecopassport®

Product Environmental Profile



Product Environmental Profile - PEP Ecopassport.
Document in compliance with ISO 14025: 2006 "Environmental labels and declarations. Type III environmental declarations"

ORGANIZATION		CONTACT INFORMATION			
Busch-Jaeger Elektro GmbH		pia.denninghoff@de.abb.com			
ADDRESS		WEBSITE			
Freisenbergstraße 2, 58513 Lüdenscheid, Germany		https://www.busch-jaeger.de/online-katalog/detail/2CKA006512A0353			
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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.



General Information

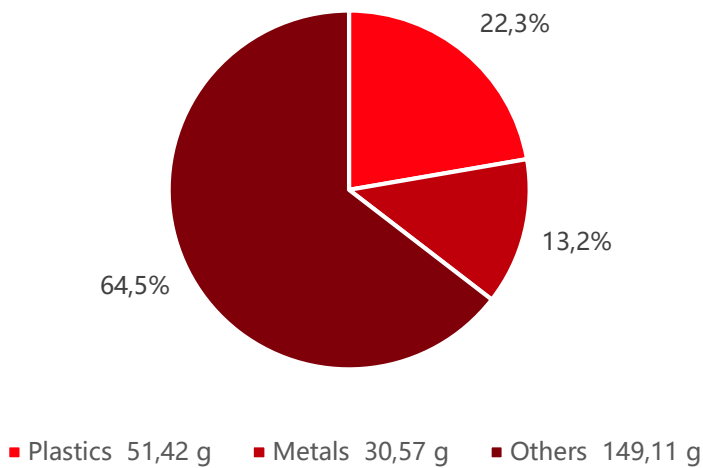
Reference product	One Control element 70: KK/U4.70.1 + one Cover 1-fold: LFW/A.1.70.11-44M + one BAU f@h: BAU-F-0.1
Description of the product	The product can be used to control room functions, such as dimming lights, controlling blinds, and measure room temperature. The products are designed for residential and commercial buildings, and installed in a standards flush mounted VDE box.
Functional unit	Control room functions, such as dimming lights, controlling blinds, and measure room temperature, according to the appropriate use scenario, and for the reference service life of the product of 10 years.
Other products covered	Control element 70: KK/U4.70.1(2CKA006115A0510) + Cover 1-fold: LFW/A.1.70.11-44G(2CKA006199A0026) + BAU KNX: BA/U1.0.1(2CKA006120A0080) Control element 70: KK/U4.70.1(2CKA006115A0510) + Cover 1-fold: LFW/A.1.70.11-44M(2CKA006199A0387) + BAU KNX: BA/U1.0.1(2CKA006120A0080) Control element 70: KK/U4.70.1(2CKA006115A0510) + Cover 1-fold: LFW/A.1.70.11-44G(2CKA006199A0026) + BAU f@h: BAU-F-0.1(2CKA006220A0999) And other reference codes

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Constituent Materials



Total weight of Reference product with packaging	231,1	g
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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%
Glass fiber reinforced plastic	7,1	Stainless steel	0,5	PCBA	7,4
PBT	7,5	Low alloyed steel	12,8	Cardboard (packaging)	25,1
Polycarbonate	7,7	–	x	Paper (packaging)	31,2
–	x	–	x	PE film (packaging)	0,9

The product is in conformity with the provisions of RoHS directive 2011/65/EU, covering 2015/863(EU), REACH regulation No 1907/2006 and national legislation.

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Additional Environmental Information

Manufacturing	The product is produced at and delivered from two internal BJE sites in Germany. One site is in Lüdenscheid and the other one in Bad Berleburg/Aue. No recycled material content is assumed. All components are transported by lorry from the supplier to these two manufacturing sites. The manufacturing waste for all materials is included. The electricity mix on both manufacturing sites is largely renewable from Scandinavian hydropower and rooftop solar power on the Lüdenscheid site (together 90% in Bad Berleburg/Aue and 89% in Lüdenscheid). Instead of hydropower, a German market mix for electricity was modelled to avoid double counting. The amount of natural gas for both on-site electricity generation (CHP) and heating, as well as the emissions of both was used as an input to the model. All CO2 emissions are compensated through ClimatePartner, but this compensation is not accounted for in the EPD. For transport of waste from the manufacturing site to the treatment facility, the default distance of 100 km by truck is used, in line with chapter 3.1.5.1.2 of PSR-0005-ed3. Specific one-year data from 2023 on manufacturing site level was collected and allocated to the products components which are manufactured in-house by mass allocation following the requirements of ISO 14044.
Distribution	The transport scenario is estimated based on the distance to the capital city of the countries it is sold to, according to the sales data for 2023.
Installation	Installation is done manually without using energy or other auxiliary materials. Treatment of packaging waste is included in this stage, assuming the European end-of-life scenario mentioned in chapter 5.1.5.2.1 of the PSR.
Use	The power consumption is 14,93 kWh over the reference lifetime of 10 years. A regional electricity mix is used to model the fraction of the product to each destination country.
End of life	The standard scenario set in the PCR is considered with parameters listed in Appendix D and a transport distance of 1000 km.
Benefits and loads beyond the system boundaries	Steel has a recovery rate of 80% according to the PCR, the Module D formula from the PCR was used to calculate the benefits. Other materials were not included here, due to a material recovery rate of 0. For the product packaging, the default (European) end-of-life data from chapter 3.1.5.2.1 of the PSR is used to determine the recycling rates. According to that, cardboard and paper have a recovery rate of 82%, and plastic a recovery rate of 40% which are also included in this stage.

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Environmental Impacts

Reference lifetime	10 years
Product category	3.15 "Other Equipment"
Installation elements	Not applicable
Use scenario	Active products
Geographical representativeness	Production site data is for Germany, and all other data has a European or world scope
Technological representativeness	Materials and process data are specific for the product
Software and database used	SimaPro version 9.6.0.1 and Ecoinvent 3.10

Energy model used

Manufacturing	Electricity, high voltage {DE} market for Cut-off, U Electricity, low voltage {DE} electricity production, photovoltaic, 3kWp slanted-roof installation, single-Si, panel, mounted Cut-off, U Natural gas, high pressure {DE} market for Cut-off, S
Installation	Not applicable
Use	Electricity, low voltage {TR} market for electricity, low voltage Cut-off, S Electricity, low voltage {ES} market for electricity, low voltage Cut-off, S
End of life	Not applicable

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Common base of mandatory indicators

Inventory flows indicator – Resource use indicators

Indicator	Unit	Total	Manu- facturing	Distri- bution	Installation	Use	End of life	Bene- fits
PERE	MJ	4,70E+01	1,02E+01	1,55E-02	9,72E-03	3,67E+01	4,23E-02	-4,38E-01
PERM	MJ	1,86E+00	1,86E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	-1,50E+00
PERT	MJ	4,88E+01	1,21E+01	1,55E-02	9,72E-03	3,67E+01	4,23E-02	-1,93E+00
PENRE	MJ	1,16E+02	5,00E+01	8,28E-02	1,67E-02	6,59E+01	1,62E-01	-1,73E+00
PENRM	MJ	1,02E-01	1,02E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	-2,13E-03
PENRT	MJ	1,16E+02	5,01E+01	8,28E-02	1,67E-02	6,59E+01	1,62E-01	-1,73E+00
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								
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 resources								

Inventory flows indicator – Indicators describing the use of secondary materials, water, and energy resources

Indicator	Unit	Total	Manu- facturing	Distri- bution	Installation	Use	End of life	Bene- fits
SM	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	MJ	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	2,41E-01	1,76E-01	1,99E-04	9,17E-03	5,57E-02	3,88E-04	-3,25E-03
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	Installation	Use	End of life	Bene- fits
Hazardous waste disposed	kg	1,70E-02	3,04E-05	0,00E+00	0,00E+00	0,00E+00	1,70E-02	0,00E+00
Non- hazardous waste disposed	kg	8,23E-02	1,43E-04	0,00E+00	2,46E-02	0,00E+00	5,75E-02	0,00E+00
Radioactive waste disposed	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00

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Common base of mandatory indicators

Inventory flows indicator – Output flow indicators

Indicator	Unit	Total	Manu- facturing	Distri- bution	Installation	Use	End of life	Bene- fits
Components for re- use	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Materials for recycling	kg	2,86E-01	1,54E-01	0,00E+00	1,07E-01	0,00E+00	2,45E-02	0,00E+00
Materials for energy recovery	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Exported energy	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00

Inventory flow indicator – other indicators

Indicator	Unit	Total	Manu- facturing	Distri- bution	Installation	Use	End of life	Bene- fits
Biogenic carbon content of the product	kg of C	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Biogenic carbon content of the associated packaging	kg of C	0,00E+00	5,36E-02	0,00E+00	-5,36E-02	0,00E+00	0,00E+00	0,00E+00

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Optional indicators

Environmental indicators

Indicator	Unit	Total	Manu- facturing	Distri- bution	Installation	Use	End of life	Bene- fits
Total use of primary energy during the life cycle	MJ	1,65E+02	6,22E+01	9,83E-02	2,65E-02	1,03E+02	2,04E-01	-3,66E+00
Emissions of fine particles	incidence of diseases	4,69E-07	3,49E-07	3,02E-09	5,68E-10	1,13E-07	3,97E-09	-1,52E-08
Ionizing radiation, human health	kBq U235 eq.	4,69E-07	2,77E-01	5,07E-04	1,06E-04	1,01E+00	1,35E-03	-8,34E-03
Ecotoxicity (fresh water)	CTUe	4,69E-07	1,39E+02	4,34E-01	1,92E-01	3,25E+01	2,24E+00	-5,20E+00
Human toxicity, car-cinogenic effects	CTUh	4,69E-07	3,67E-08	2,96E-10	7,09E-11	1,14E-08	4,48E-10	-1,53E-08
Human toxicity, non- carcinogenic effects	incidence of diseases	4,69E-07	2,26E-07	3,62E-09	6,22E-10	7,42E-08	1,55E-09	-3,89E-09
Impact related to land use/soil quality		4,69E-07	3,84E+01	2,78E-01	6,51E-02	2,04E+01	3,05E-01	-7,68E+00

Other indicators

Indicator	Unit	Total	Manu- facturing	Distri- bution	Installation	Use	End of life	Bene- fits
No Other indicators used								

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Other reference codes

Articel number	Order code	Description German	Description English	ES DESCRIPTION for ALBA Niessen	Commertial ref. For ALBA (Niessen)
LFWIA 0 70 11-CK	2CKA006199A0024	Abdeckung kundenspezifisch	Cover customized		
LFWIA 0 70 11-CKL	2CKA006199A0518	Abdeckung kundenspezifisch	Cover customized		
LFWIA 0 70 11-CK	2CKA006199A0025	Abdeckung kundenspezifisch	Cover customized	Tecla personalizable	8997P
LFWIA 0 70 11-CKL	2CKA006199A0519	Abdeckung kundenspezifisch	Cover customized		
LFWIA 1 70 11-44G	2CKA006199A0026	Abdeckung 1-fach	Cover 1-fold		
LFWIA 2 70 11-44G	2CKA006199A0027	Abdeckung 2-fach	Cover 2-fold		
LFWIA 3 70 11-44G	2CKA006199A0028	Abdeckung 3-fach	Cover 3-fold		
LFWIA 4 70 11-44G	2CKA006199A0029	Abdeckung 4-fach	Cover 4-fold		
LFBI/A 1 70 11-44G	2CKA006199A0030	Abdeckung Beleuchtung 1-fach Taster	Cover Light 1-fold Button		
LFJ/A 1 70 11-44G	2CKA006199A0031	Abdeckung Jalousie 1-fach Taster	Cover Blind 1-fold Button		
LFSA/A 1 70 11-44G	2CKA006199A0032	Abdeckung Szene 1-fach Taster	Cover Scene 1-fold Button		
LFDWIA 1 70 11-44G	2CKA006199A0378	Abdeckung Dimmen 1-fach Wippe	Cover Dim 1-fold Rocker		
LFJWIA 1 70 11-44G	2CKA006199A0379	Abdeckung Jalousie 1-fach Wippe	Cover Blind 1-fold Rocker		
LFAWIA 1 70 11-44G	2CKA006199A0380	Abdeckung Auf/Ab 1-fach Wippe	Cover Up/Down 1-fold Rocker		
LFBT/A 2 70 11-44G	2CKA006199A0381	Abdeckung Beleuchtung 2-fach Taster	Cover Light 2-fold Button		
LFJT/A 2 70 11-44G	2CKA006199A0382	Abdeckung Jalousie 2-fach Taster	Cover Blind 2-fold Button		
LFST/A 2 70 11-44G	2CKA006199A0383	Abdeckung Szene 2-fach Taster	Cover Scene 2-fold Button		
LFDWIA 2 70 11-44G	2CKA006199A0384	Abdeckung Dim/Jul 2-fach Wippe	Cover Dim/Blind 2-fold Rocker		
LFAWIA 2 70 11-44G	2CKA006199A0385	Abdeckung Auf/Ab 2-fach Wippe	Cover Up/Down 2-fold Rocker		
LFMWIA 1 70 11-44G	2CKA006199A0386	Abdeckung Musik 4-fach Taster	Cover Music 4-fold Button		
LFWIA 2 70 11-44M	2CKA006199A0388	Abdeckung 2-fach	Cover 2-fold		
LFWIA 3 70 11-44M	2CKA006199A0389	Abdeckung 3-fach	Cover 3-fold		
LFWIA 4 70 11-44M	2CKA006199A0390	Abdeckung 4-fach	Cover 4-fold		
LFBI/A 1 70 11-44M	2CKA006199A0391	Abdeckung Beleuchtung 1-fach Taster	Cover Light 1-fold Button		
LFJ/A 1 70 11-44M	2CKA006199A0392	Abdeckung Jalousie 1-fach Taster	Cover Blind 1-fold Button		
LFSA/A 1 70 11-44M	2CKA006199A0393	Abdeckung Szene 1-fach Taster	Cover Scene 1-fold Button		
LFDWIA 1 70 11-44M	2CKA006199A0394	Abdeckung Dimmen 1-fach Wippe	Cover Dim 1-fold Rocker		
LFJWIA 1 70 11-44M	2CKA006199A0395	Abdeckung Jalousie 1-fach Wippe	Cover Blind 1-fold Rocker		
LFAWIA 1 70 11-44M	2CKA006199A0396	Abdeckung Auf/Ab 1-fach Wippe	Cover Up/Down 1-fold Rocker		
LFBT/A 2 70 11-44M	2CKA006199A0397	Abdeckung Beleuchtung 2-fach Taster	Cover Light 2-fold Button		
LFJT/A 2 70 11-44M	2CKA006199A0398	Abdeckung Jalousie 2-fach Taster	Cover Blind 2-fold Button		
LFST/A 2 70 11-44M	2CKA006199A0399	Abdeckung Szene 2-fach Taster	Cover Scene 2-fold Button		
LFDWIA 2 70 11-44M	2CKA006199A0400	Abdeckung Dim/Jul 2-fach Wippe	Cover Dim/Blind 2-fold Rocker		
LFAWIA 2 70 11-44M	2CKA006199A0401	Abdeckung Auf/Ab 2-fach Wippe	Cover Up/Down 2-fold Rocker		
LF-B426-B457MW/A.4	2CKA006199A0402	Abdeckung Musik 4-fach Taster	Cover Music 4-fold Button		
LFWIA 1 70 11-45M	2CKA006199A0419	Abdeckung 1-fach	Cover 1-fold		
LFWIA 2 70 11-45M	2CKA006199A0420	Abdeckung 2-fach	Cover 2-fold		
LFWIA 3 70 11-45M	2CKA006199A0421	Abdeckung 3-fach	Cover 3-fold		
LFWIA 4 70 11-45M	2CKA006199A0422	Abdeckung 4-fach	Cover 4-fold		
LFBI/A 1 70 11-45M	2CKA006199A0423	Abdeckung Beleuchtung 1-fach Taster	Cover Light 1-fold Button		
LFJ/A 1 70 11-45M	2CKA006199A0424	Abdeckung Jalousie 1-fach Taster	Cover Blind 1-fold Button		
LFSA/A 1 70 11-45M	2CKA006199A0425	Abdeckung Szene 1-fach Taster	Cover Scene 1-fold Button		
LFDWIA 1 70 11-45M	2CKA006199A0426	Abdeckung Dimmen 1-fach Wippe	Cover Dim 1-fold Rocker		
LFJWIA 1 70 11-45M	2CKA006199A0427	Abdeckung Jalousie 1-fach Wippe	Cover Blind 1-fold Rocker		
LFAWIA 1 70 11-45M	2CKA006199A0428	Abdeckung Auf/Ab 1-fach Wippe	Cover Up/Down 1-fold Rocker		
LFBT/A 2 70 11-45M	2CKA006199A0429	Abdeckung Beleuchtung 2-fach Taster	Cover Light 2-fold Button		
LFJT/A 2 70 11-45M	2CKA006199A0430	Abdeckung Jalousie 2-fach Taster	Cover Blind 2-fold Button		
LFST/A 2 70 11-45M	2CKA006199A0431	Abdeckung Szene 2-fach Taster	Cover Scene 2-fold Button		
LFDWIA 2 70 11-45M	2CKA006199A0432	Abdeckung Dim/Jul 2-fach Wippe	Cover Dim/Blind 2-fold Rocker		
LFAWIA 2 70 11-45M	2CKA006199A0433	Abdeckung Auf/Ab 2-fach Wippe	Cover Up/Down 2-fold Rocker		
LFMWIA 4 70 11-45M	2CKA006199A0434	Abdeckung Musik 4-fach Taster	Cover Music 4-fold Button		
LFWIA 1 70 1-44G	2CKA006199A0435	Abdeckung 1-fach	Cover 1-fold	Tecla KNX 1 canal	8997 01 BL
LFWIA 2 70 1-44G	2CKA006199A0436	Abdeckung 2-fach	Cover 2-fold	Tecla KNX 2 canales	8997 02 BL
LFWIA 3 70 1-44G	2CKA006199A0437	Abdeckung 3-fach	Cover 3-fold	Tecla KNX 3 canales	8997 03 BL
LFWIA 4 70 1-44G	2CKA006199A0438	Abdeckung 4-fach	Cover 4-fold	Tecla KNX 4 canales	8997 04 BL
LFBI/A 1 70 1-44G	2CKA006199A0439	Abdeckung Beleuchtung 1-fach Taster	Cover Light 1-fold Button	Tecla KNX 1 canal Luz	8997 11 BL
LFJ/A 1 70 1-44G	2CKA006199A0440	Abdeckung Jalousie 1-fach Taster	Cover Blind 1-fold Button		
LFSA/A 1 70 1-44G	2CKA006199A0441	Abdeckung Szene 1-fach Taster	Cover Scene 1-fold Button	Tecla KNX 1 canal Escena	8997 14 BL
LFDWIA 1 70 1-44G	2CKA006199A0442	Abdeckung Dimmen 1-fach Wippe	Cover Dim 1-fold Rocker		
LFJWIA 1 70 1-44G	2CKA006199A0443	Abdeckung Jalousie 1-fach Wippe	Cover Blind 1-fold Rocker	Tecla KNX 1 canal Persiana	8997 12 BL
LFAWIA 1 70 1-44G	2CKA006199A0444	Abdeckung Auf/Ab 1-fach Wippe	Cover Up/Down 1-fold Rocker		
LFBT/A 2 70 1-44G	2CKA006199A0445	Abdeckung Beleuchtung 2-fach Taster	Cover Light 2-fold Button	Tecla KNX 2 canales Luz/Persianas	8997 21 BL
LFJT/A 2 70 1-44G	2CKA006199A0446	Abdeckung Jalousie 2-fach Taster	Cover Blind 2-fold Button		
LFST/A 2 70 1-44G	2CKA006199A0447	Abdeckung Szene 2-fach Taster	Cover Scene 2-fold Button		
LFDWIA 2 70 1-44G	2CKA006199A0448	Abdeckung Dim/Jul 2-fach Wippe	Cover Dim/Blind 2-fold Rocker		
LFAWIA 2 70 1-44G	2CKA006199A0449	Abdeckung Auf/Ab 2-fach Wippe	Cover Up/Down 2-fold Rocker	Tecla KNX 2 canales Persianas	8997 22 BL
LFMWIA 4 70 1-44G	2CKA006199A0450	Abdeckung Musik 4-fach Taster	Cover Music 4-fold Button		
LFWIA 1 70 1-44M	2CKA006199A0451	Abdeckung 1-fach	Cover 1-fold	Tecla KNX 1 canal	8997 01 BT
LFWIA 2 70 1-44M	2CKA006199A0452	Abdeckung 2-fach	Cover 2-fold	Tecla KNX 2 canales	8997 02 BT
LFWIA 3 70 1-44M	2CKA006199A0453	Abdeckung 3-fach	Cover 3-fold	Tecla KNX 3 canales	8997 03 BT
LFWIA 4 70 1-44M	2CKA006199A0454	Abdeckung 4-fach	Cover 4-fold	Tecla KNX 4 canales	8997 04 BT
LFBI/A 1 70 1-44M	2CKA006199A0455	Abdeckung Beleuchtung 1-fach Taster	Cover Light 1-fold Button	Tecla KNX 1 canal Luz	8997 11 BT
LFJ/A 1 70 1-44M	2CKA006199A0456	Abdeckung Jalousie 1-fach Taster	Cover Blind 1-fold Button		
LFSA/A 1 70 1-44M	2CKA006199A0457	Abdeckung Szene 1-fach Taster	Cover Scene 1-fold Button	Tecla KNX 1 canal Escena	8997 14 BT
LFDWIA 1 70 1-44M	2CKA006199A0458	Abdeckung Dimmen 1-fach Wippe	Cover Dim 1-fold Rocker		
LFJWIA 1 70 1-44M	2CKA006199A0459	Abdeckung Jalousie 1-fach Wippe	Cover Blind 1-fold Rocker	Tecla KNX 1 canal Persiana	8997 12 BT
LFAWIA 1 70 1-44M	2CKA006199A0460	Abdeckung Auf/Ab 1-fach Wippe	Cover Up/Down 1-fold Rocker		
LFBT/A 2 70 1-44M	2CKA006199A0461	Abdeckung Beleuchtung 2-fach Taster	Cover Light 2-fold Button		

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LFJT/A 2 70 1-44M	2CKA006199A0462	Abdeckung Jalousie 2-fach Taster	Cover Blind 2-fold Button		
LFST/A 2 70 1-44M	2CKA006199A0463	Abdeckung Szene 2-fach Taster	Cover Scene 2-fold Button		
LFDW/A 2 70 1-44M	2CKA006199A0464	Abdeckung Dim/Jal 2-fach Wippe	Cover Dim/Blind 2-fold Rocker	Tecla KNX 2 canales Luz/Persianas	8997.21 BT
LFWA/A 2 70 1-44M	2CKA006199A0465	Abdeckung Auf/Ab 2-fach Wippe	Cover Up/Down 2-fold Rocker	Tecla KNX 2 canales Persianas	8997.22 BT
LFMW/A 4 70 1-44M	2CKA006199A0466	Abdeckung Musik 4-fach Taster	Cover Music 4-fold Button		
LFW/A 1 70 1-45M	2CKA006199A0483	Abdeckung 1-fach	Cover 1-fold	Tecla KNX 1 canal	8997.01 NT
LFW/A 2 70 1-45M	2CKA006199A0484	Abdeckung 2-fach	Cover 2-fold	Tecla KNX 2 canales	8997.02 NT
LFW/A 3 70 1-45M	2CKA006199A0485	Abdeckung 3-fach	Cover 3-fold	Tecla KNX 3 canales	8997.03 NT
LFW/A 4 70 1-45M	2CKA006199A0486	Abdeckung 4-fach	Cover 4-fold	Tecla KNX 4 canales	8997.04 NT
LFB/A 1 70 1-45M	2CKA006199A0487	Abdeckung Beleuchtung 1-fach Taster	Cover Light 1-fold Button	Tecla KNX 1 canal Luz	8997.11 NT
LFJ/A 1 70 1-45M	2CKA006199A0488	Abdeckung Jalousie 1-fach Taster	Cover Blind 1-fold Button		
LFSA/A 1 70 1-45M	2CKA006199A0489	Abdeckung Szene 1-fach Taster	Cover Scene 1-fold Button	Tecla KNX 1 canal Escena	8997.14 NT
LFDW/A 1 70 1-45M	2CKA006199A0490	Abdeckung Dimmen 1-fach Wippe	Cover Dim 1-fold Rocker		
LFJW/A 1 70 1-45M	2CKA006199A0491	Abdeckung Jalousie 1-fach Wippe	Cover Blind 1-fold Rocker	Tecla KNX 1 canal Persiana	8997.12 NT
LFWA/A 1 70 1-45M	2CKA006199A0492	Abdeckung Auf/Ab 1-fach Wippe	Cover Up/Down 1-fold Rocker		
LFBT/A 2 70 1-45M	2CKA006199A0493	Abdeckung Beleuchtung 2-fach Taster	Cover Light 2-fold Button		
LFJT/A 2 70 1-45M	2CKA006199A0494	Abdeckung Jalousie 2-fach Taster	Cover Blind 2-fold Button		
LFST/A 2 70 1-45M	2CKA006199A0495	Abdeckung Szene 2-fach Taster	Cover Scene 2-fold Button		
LFDW/A 2 70 1-45M	2CKA006199A0496	Abdeckung Dim/Jal 2-fach Wippe	Cover Dim/Blind 2-fold Rocker	Tecla KNX 2 canales Luz/Persianas	8997.21 NT
LFWA/A 2 70 1-45M	2CKA006199A0497	Abdeckung Auf/Ab 2-fach Wippe	Cover Up/Down 2-fold Rocker	Tecla KNX 2 canales Persianas	8997.22 NT
LFMW/A 4 70 1-45M	2CKA006199A0498	Abdeckung Musik 4-fach Taster	Cover Music 4-fold Button		
LFW/A 1 70 1-18	2CKA006199A0520	Abdeckung 1-fach	Cover 1-fold	Tecla KNX 1 canal	8997.01 GR
LFW/A 2 70 1-18	2CKA006199A0521	Abdeckung 2-fach	Cover 2-fold	Tecla KNX 2 canales	8997.02 GR
LFW/A 3 70 1-18	2CKA006199A0522	Abdeckung 3-fach	Cover 3-fold	Tecla KNX 3 canales	8997.03 GR
LFW/A 4 70 1-18	2CKA006199A0523	Abdeckung 4-fach	Cover 4-fold	Tecla KNX 4 canales	8997.04 GR
LFB/A 1 70 1-18	2CKA006199A0524	Abdeckung Beleuchtung 1-fach Taster	Cover Light 1-fold Button	Tecla KNX 1 canal Luz	8997.11 GR
LFJ/A 1 70 1-18	2CKA006199A0525	Abdeckung Jalousie 1-fach Taster	Cover Blind 1-fold Button		
LFSA/A 1 70 1-18	2CKA006199A0526	Abdeckung Szene 1-fach Taster	Cover Scene 1-fold Button	Tecla KNX 1 canal Escena	8997.14 GR
LFDW/A 1 70 1-18	2CKA006199A0527	Abdeckung Dimmen 1-fach Wippe	Cover Dim 1-fold Rocker		
LFJW/A 1 70 1-18	2CKA006199A0528	Abdeckung Jalousie 1-fach Wippe	Cover Blind 1-fold Rocker	Tecla KNX 1 canal Persiana	8997.12 GR
LFWA/A 1 70 1-18	2CKA006199A0529	Abdeckung Auf/Ab 1-fach Wippe	Cover Up/Down 1-fold Rocker		
LFBT/A 2 70 1-18	2CKA006199A0530	Abdeckung Beleuchtung 2-fach Taster	Cover Light 2-fold Button		
LFJT/A 2 70 1-18	2CKA006199A0531	Abdeckung Jalousie 2-fach Taster	Cover Blind 2-fold Button		
LFST/A 2 70 1-18	2CKA006199A0532	Abdeckung Szene 2-fach Taster	Cover Scene 2-fold Button		
LFDW/A 2 70 1-18	2CKA006199A0533	Abdeckung Dim/Jal 2-fach Wippe	Cover Dim/Blind 2-fold Rocker	Tecla KNX 2 canales Luz/Persianas	8997.21 GR
LFWA/A 2 70 1-18	2CKA006199A0534	Abdeckung Auf/Ab 2-fach Wippe	Cover Up/Down 2-fold Rocker	Tecla KNX 2 canales Persianas	8997.22 GR
LFMW/A 4 70 1-18	2CKA006199A0535	Abdeckung Musik 4-fach Taster	Cover Music 4-fold Button		

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Environmental Impact Indicator Glossary

Impact indicators

Indicator	Description	Distribution
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 CO ₂ eq.
Ozone depletion (ODP)	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.	m ³ eq. depr.

Resource use indicators

Indicator	Description	Distribution
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 resources (primary energy and primary energy resources used as raw materials)	MJ (lower heating value)

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Independent verification of the declaration and data, in compliance with ISO 14025: 2006		
Internal: ☐ 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 or NE E38-500 :2022 The components of the present PEP may not be compared with elements from any other program.		
Document in compliance with ISO 14025: 2006 "Environmental labels and declarations. Type III environmental declarations"		

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