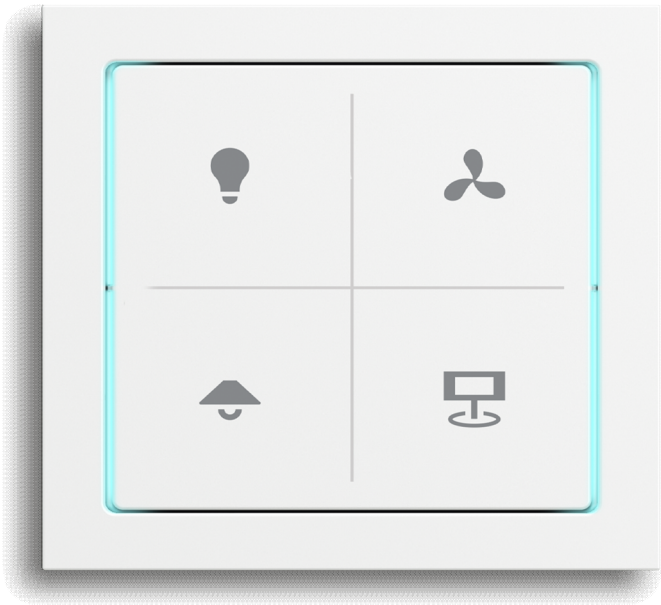


ABB Trevion® 63

# PEP ecopassport®

## Product Environmental Profile



Registration number:	ABBG-00500-V01.01-EN	Drafting rules:	PCR-ed4-EN-2021 09 06
Contact information:	pia.denninghoff@de.abb.com	Supplemented by:	PSR-0005-ed3-EN-2023 06 06
Verifier accreditation number:	VH08	Information and reference documents:	www.pep-ecopassport.org
Date of issue:	10-2024	Validity period:	5 years
Independent verification of the declaration and data in compliance with ISO 14025: 2006			
Internal:	<input type="checkbox"/>	External:	<input checked="" type="checkbox"/>
The PCR review was conducted by a panel of experts chaired by Julie Orgelet (Ddomain)			
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"			







# 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. The content of this PEP cannot be compared with the content based on another program/database. Scan QR code for more information



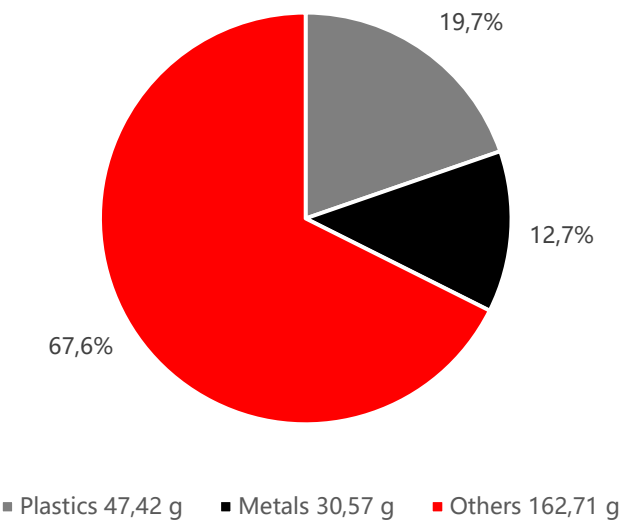
## General information

Reference product	One Control element 63: KK/U4.63.1 + one Cover 1-fold: LFW/A.1.63.1-884 + one BAU f@h: BAU-F-0.
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 63: KK/U4.63.1(2CKA006115A0504) + Cover 1-fold: LFW/A.1.63.1-84(2CKA006199A0101) + BAU KNX: BA/U1.0.1(2CKA006120A0080) Control element 63: KK/U4.63.1(2CKA006115A0504) + Cover 1-fold: LFW/A.1.63.1-884(2CKA006199A0102) + BAU KNX: BA/U1.0.1(2CKA006120A0080) Control element 63: KK/U4.63.1(2CKA006115A0504) + Cover 1-fold: LFW/A.1.63.1-84(2CKA006199A0101) + BAU f@h: BAU-F-0.1(2CKA006220A0999) And other reference codes
Manufacturing address	Freisenbergstraße 2, 58513 Lüdenscheid, Germany <a href="http://www.new.abb.com">www.new.abb.com</a>





# Constituent Materials



Total weight of reference product and packaging

240,7 g

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	6,9	Stainless steel	0,5	PCBA	8,3
PBT	8,6	Low alloyed steel	12,2	Cardboard (packaging)	28,6
Polycarbonate	4,2			Paper (packaging)	29,9
				PE film (packaging)	0,8





## Additional Information

Manufacturing	<p>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.</p> <p>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 CO<sub>2</sub> emissions are compensated through ClimatePartner, but this compensation is not accounted for in the EPD.</p> <p>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.</p> <p>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.</p>
Distribution	<p>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.</p>
Installation	<p>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.</p>
Use	<p>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.</p>
End of life	<p>The standard scenario set in the PCR is considered with parameters listed in Appendix D and a transport distance of 1000 km.</p>
Benefits and loads beyond the system boundaries	<p>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.</p>





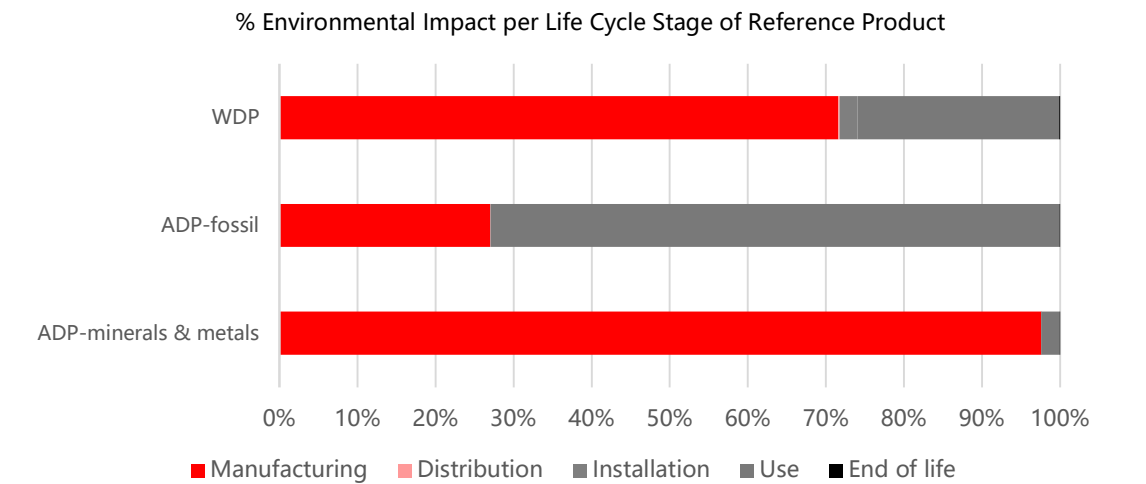
Reference lifetime	10 years
Product category	3.15 "Other Equipment"
Installation elements	Not applicable
Use scenario	Active products
Geographical representativeness	Production site data is for Germany, and all other data has a European or world scope
Technological representativeness	Materials and process 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, UElectricity, low volta
Installation	Not applicable
Use	Electricity, low voltage {CN}  market group for electricity, low voltage   C
End of life	Not applicable



# Common base of mandatory indicators



## Environmental impact indicators

Indicator		Unit	Total	Manufacturing	Distribution	Installation	Use	End of life	Benefits
GWP	Total	kg CO2 eq.	2,27E+01	7,77E+00	8,42E-01	2,30E-01	1,37E+01	1,72E-01	-1,78E-01
	Fossil	kg CO2 eq.	2,23E+01	7,81E+00	8,42E-01	1,55E-02	1,35E+01	1,70E-01	-2,54E-01
	Biogenic	kg CO2 eq.	2,80E-01	-5,87E-02	1,12E-04	2,14E-01	1,22E-01	2,52E-03	7,72E-02
	Luluc	kg CO2 eq.	4,49E-02	1,03E-02	5,08E-05	3,40E-06	3,46E-02	3,18E-05	-7,41E-04
ODP		kg CFC-11 eq.	7,64E-07	6,87E-07	1,27E-08	1,40E-10	6,24E-08	1,18E-09	-3,15E-09
AP		H+ eq.	5,02E-02	5,01E-02	1,69E-06	3,28E-06	0,00E+00	9,55E-06	-2,63E-04
EP	Freshwater	kg P eq.	2,69E-03	1,46E-03	1,46E-06	1,18E-07	1,23E-03	1,19E-06	-1,50E-05
	Marine	kg N eq.	2,25E-02	9,50E-03	1,38E-03	2,29E-05	1,15E-02	6,37E-05	-3,08E-04
	Terrestrial	mol N eq.	2,58E-01	1,09E-01	1,51E-02	2,38E-04	1,33E-01	6,91E-04	-3,08E-03
POPCD		kg NMVOC eq.	7,22E-02	3,10E-02	4,88E-03	6,69E-05	3,59E-02	2,80E-04	-9,00E-04
ADP	Minerals & metals	kg SB eq.	2,76E-03	2,69E-03	1,68E-07	2,11E-08	6,62E-05	2,02E-07	-1,17E-06
	Fossil	MJ	2,12E+02	5,72E+01	2,11E-01	1,50E-02	1,55E+02	1,65E-01	-1,76E+00
WDP		m³ eq. depr.	8,78E+00	6,29E+00	1,53E-02	2,01E-01	2,27E+00	1,14E-02	-1,15E-01

## Resource use indicators

Indicator	Unit	Total	Manufacturing	Distribution	Installation	Use	End of life	Benefits
PERE	MJ	3,72E+01	1,14E+01	3,94E-02	6,08E-03	2,57E+01	4,28E-02	-4,52E-01
PERM	MJ	1,93E+00	1,93E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	-1,55E+00
PERT	MJ	3,91E+01	1,34E+01	3,94E-02	6,08E-03	2,57E+01	4,28E-02	-2,01E+00
PENRE	MJ	2,12E+02	5,71E+01	2,11E-01	1,50E-02	1,54E+02	1,65E-01	-1,76E+00
PENRM	MJ	8,01E-02	8,01E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	-2,13E-03
PENRT	MJ	2,12E+02	5,72E+01	2,11E-01	1,50E-02	1,54E+02	1,65E-01	-1,76E+00



# Common base of mandatory indicators

## Use of secondary materials, water, and energy resources

Indicator	Unit	Total	Manufacturing	Distribution	Installation	Use	End of life	Benefits
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	2,61E-01	1,69E-01	5,06E-04	4,72E-03	8,59E-02	3,86E-04	-3,39E-03

## Waste category indicators

Indicator	Unit	Total	Manufacturing	Distribution	Installation	Use	End of life	Benefits
HWD	kg	2,00E-02	2,67E-05	0,00E+00	0,00E+00	0,00E+00	2,00E-02	0,00E+00
N-HWD	kg	8,00E-02	1,25E-04	0,00E+00	2,66E-02	0,00E+00	5,33E-02	0,00E+00
RWD	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00

## Output flow indicators

Indicator	Unit	Total	Manufacturing	Distribution	Installation	Use	End of life	Benefits
CfRu	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MfR	kg	2,76E-01	1,35E-01	0,00E+00	1,16E-01	0,00E+00	2,45E-02	0,00E+00
MfER	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EE	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00

## Other indicators

Indicator		Unit	Total
Biogenic Carbon	Product	kg of C	0,00E+00
	Packaging	kg of C	5,85E-02

## Optional indicators

Indicator	Unit	Total	Manufacturing	Distribution	Installation	Use	End of life	Benefits
Tot PE	MJ	2,51E+02	7,06E+01	2,50E-01	2,11E-02	1,80E+02	2,07E-01	-3,77E+00
Efp	Dise inc	6,97E-07	4,00E-07	7,69E-09	5,95E-10	2,85E-07	4,06E-09	-1,54E-08
IrHH	kBq U-235 eq	1,18E+00	3,17E-01	1,29E-03	7,94E-05	8,61E-01	1,36E-03	-8,62E-03
ETX FW	CTUe	1,92E+02	1,58E+02	1,10E+00	2,07E-01	3,03E+01	2,53E+00	-5,28E+00
HTX CE	CTUh	5,19E-08	3,79E-08	7,55E-10	7,55E-11	1,27E-08	4,63E-10	-1,53E-08
HTX N-CE	CTUh	4,32E-07	2,58E-07	9,21E-09	6,44E-10	1,63E-07	1,58E-09	-4,03E-09
HTX N-CE	Pt	8,43E+01	4,31E+01	7,08E-01	5,33E-02	4,01E+01	3,10E-01	-8,02E+00



## Extrapolation Factors

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

[illegible]





## Other reference codes

Logo printing is the only difference

Articel number	Order code	Description German	Description English
KK/U4.63.11	2CKA006115A0503	Bedienelement 63	Control element 63
LFW/A.1.63.11-884	2CKA006199A0046	Abdeckung 1-fach	Cover 1-fold
LFW/A.1.63.11-885	2CKA006199A0047	Abdeckung 1-fach	Cover 1-fold
LFW/A.0.63.11-CK	2CKA006199A0040	Abdeckung kundenspezifisch	Cover customized
LFW/A.0.63.11-CKL	2CKA006199A0513	Abdeckung kundenspezifisch	Cover customized
LFW/A.0.63.1-CK	2CKA006199A0041	Abdeckung kundenspezifisch	Cover customized
LFW/A.0.63.1-CKL	2CKA006199A0514	Abdeckung kundenspezifisch	Cover customized
LFW/A.1.63.11-81	2CKA006199A0042	Abdeckung 1-fach	Cover 1-fold
LFW/A.1.63.11-82	2CKA006199A0043	Abdeckung 1-fach	Cover 1-fold
LFW/A.1.63.11-83	2CKA006199A0044	Abdeckung 1-fach	Cover 1-fold
LFW/A.1.63.11-84	2CKA006199A0045	Abdeckung 1-fach	Cover 1-fold
LFW/A.1.63.11-803	2CKA006199A0048	Abdeckung 1-fach	Cover 1-fold
LFW/A.1.63.11-866	2CKA006199A0049	Abdeckung 1-fach	Cover 1-fold
LFW/A.2.63.11-81	2CKA006199A0050	Abdeckung 2-fach	Cover 2-fold
LFW/A.2.63.11-82	2CKA006199A0051	Abdeckung 2-fach	Cover 2-fold
LFW/A.2.63.11-83	2CKA006199A0052	Abdeckung 2-fach	Cover 2-fold
LFW/A.2.63.11-84	2CKA006199A0053	Abdeckung 2-fach	Cover 2-fold
LFW/A.2.63.11-884	2CKA006199A0054	Abdeckung 2-fach	Cover 2-fold
LFW/A.2.63.11-885	2CKA006199A0055	Abdeckung 2-fach	Cover 2-fold
LFW/A.2.63.11-803	2CKA006199A0056	Abdeckung 2-fach	Cover 2-fold
LFW/A.2.63.11-866	2CKA006199A0057	Abdeckung 2-fach	Cover 2-fold
LFW/A.3.63.11-81	2CKA006199A0058	Abdeckung 3-fach	Cover 3-fold
LFW/A.3.63.11-82	2CKA006199A0059	Abdeckung 3-fach	Cover 3-fold
LFW/A.3.63.11-83	2CKA006199A0060	Abdeckung 3-fach	Cover 3-fold
LFW/A.3.63.11-84	2CKA006199A0061	Abdeckung 3-fach	Cover 3-fold
LFW/A.3.63.11-884	2CKA006199A0062	Abdeckung 3-fach	Cover 3-fold
LFW/A.3.63.11-885	2CKA006199A0063	Abdeckung 3-fach	Cover 3-fold
LFW/A.3.63.11-803	2CKA006199A0064	Abdeckung 3-fach	Cover 3-fold
LFW/A.3.63.11-866	2CKA006199A0065	Abdeckung 3-fach	Cover 3-fold
LFW/A.4.63.11-81	2CKA006199A0066	Abdeckung 4-fach	Cover 4-fold
LFW/A.4.63.11-82	2CKA006199A0067	Abdeckung 4-fach	Cover 4-fold
LFW/A.4.63.11-83	2CKA006199A0068	Abdeckung 4-fach	Cover 4-fold
LFW/A.4.63.11-84	2CKA006199A0069	Abdeckung 4-fach	Cover 4-fold
LFW/A.4.63.11-884	2CKA006199A0070	Abdeckung 4-fach	Cover 4-fold

LFDW/A.2.63.1-866	2CKA006199A0318	Abdeckung Dim/Jal 2-fach Wippe	Cover Dim/Blind 2-fold Rocker
LFAW/A.2.63.1-81	2CKA006199A0319	Abdeckung Auf/Ab 2-fach Wippe	Cover Up/Down 2-fold Rocker
LFAW/A.2.63.1-82	2CKA006199A0320	Abdeckung Auf/Ab 2-fach Wippe	Cover Up/Down 2-fold Rocker
LFAW/A.2.63.1-83	2CKA006199A0321	Abdeckung Auf/Ab 2-fach Wippe	Cover Up/Down 2-fold Rocker
LFAW/A.2.63.1-84	2CKA006199A0322	Abdeckung Auf/Ab 2-fach Wippe	Cover Up/Down 2-fold Rocker
LFAW/A.2.63.1-884	2CKA006199A0323	Abdeckung Auf/Ab 2-fach Wippe	Cover Up/Down 2-fold Rocker
LFAW/A.2.63.1-885	2CKA006199A0324	Abdeckung Auf/Ab 2-fach Wippe	Cover Up/Down 2-fold Rocker
LFAW/A.2.63.1-803	2CKA006199A0325	Abdeckung Auf/Ab 2-fach Wippe	Cover Up/Down 2-fold Rocker
LFAW/A.2.63.1-866	2CKA006199A0326	Abdeckung Auf/Ab 2-fach Wippe	Cover Up/Down 2-fold Rocker
LFMW/A.4.63.1-81	2CKA006199A0327	Abdeckung Musik 4-fach Taster	Cover Music 4-fold Button
LFMW/A.4.63.1-82	2CKA006199A0328	Abdeckung Musik 4-fach Taster	Cover Music 4-fold Button
LFMW/A.4.63.1-83	2CKA006199A0329	Abdeckung Musik 4-fach Taster	Cover Music 4-fold Button
LFMW/A.4.63.1-84	2CKA006199A0330	Abdeckung Musik 4-fach Taster	Cover Music 4-fold Button
LFMW/A.4.63.1-884	2CKA006199A0331	Abdeckung Musik 4-fach Taster	Cover Music 4-fold Button
LFMW/A.4.63.1-885	2CKA006199A0332	Abdeckung Musik 4-fach Taster	Cover Music 4-fold Button
LFMW/A.4.63.1-803	2CKA006199A0333	Abdeckung Musik 4-fach Taster	Cover Music 4-fold Button
LFMW/A.4.63.1-866	2CKA006199A0334	Abdeckung Musik 4-fach Taster	Cover Music 4-fold Button





## Other reference codes

LFW/A.4.63.11-885	2CKA006199A0071	Abdeckung 4-fach	Cover 4-fold
LFW/A.4.63.11-803	2CKA006199A0072	Abdeckung 4-fach	Cover 4-fold
LFW/A.4.63.11-866	2CKA006199A0073	Abdeckung 4-fach	Cover 4-fold
LFBT/A.1.63.11-81	2CKA006199A0074	Abdeckung Beleuchtung 1-fach Taster	Cover Light 1-fold Button
LFBT/A.1.63.11-82	2CKA006199A0075	Abdeckung Beleuchtung 1-fach Taster	Cover Light 1-fold Button
LFBT/A.1.63.11-83	2CKA006199A0076	Abdeckung Beleuchtung 1-fach Taster	Cover Light 1-fold Button
LFBT/A.1.63.11-84	2CKA006199A0077	Abdeckung Beleuchtung 1-fach Taster	Cover Light 1-fold Button
LFBT/A.1.63.11-884	2CKA006199A0078	Abdeckung Beleuchtung 1-fach Taster	Cover Light 1-fold Button
LFBT/A.1.63.11-885	2CKA006199A0079	Abdeckung Beleuchtung 1-fach Taster	Cover Light 1-fold Button
LFBT/A.1.63.11-803	2CKA006199A0080	Abdeckung Beleuchtung 1-fach Taster	Cover Light 1-fold Button
LFBT/A.1.63.11-866	2CKA006199A0081	Abdeckung Beleuchtung 1-fach Taster	Cover Light 1-fold Button
LFJT/A.1.63.11-81	2CKA006199A0082	Abdeckung Jalousie 1-fach Taster	Cover Blind 1-fold Button
LFJT/A.1.63.11-82	2CKA006199A0083	Abdeckung Jalousie 1-fach Taster	Cover Blind 1-fold Button
LFJT/A.1.63.11-83	2CKA006199A0084	Abdeckung Jalousie 1-fach Taster	Cover Blind 1-fold Button
LFJT/A.1.63.11-84	2CKA006199A0085	Abdeckung Jalousie 1-fach Taster	Cover Blind 1-fold Button
LFJT/A.1.63.11-884	2CKA006199A0086	Abdeckung Jalousie 1-fach Taster	Cover Blind 1-fold Button
LFJT/A.1.63.11-885	2CKA006199A0087	Abdeckung Jalousie 1-fach Taster	Cover Blind 1-fold Button
LFJT/A.1.63.11-803	2CKA006199A0088	Abdeckung Jalousie 1-fach Taster	Cover Blind 1-fold Button
LFJT/A.1.63.11-866	2CKA006199A0089	Abdeckung Jalousie 1-fach Taster	Cover Blind 1-fold Button
LFST/A.1.63.11-81	2CKA006199A0090	Abdeckung Szene 1-fach Taster	Cover Scene 1-fold Button
LFST/A.1.63.11-82	2CKA006199A0091	Abdeckung Szene 1-fach Taster	Cover Scene 1-fold Button
LFST/A.1.63.11-83	2CKA006199A0092	Abdeckung Szene 1-fach Taster	Cover Scene 1-fold Button
LFST/A.1.63.11-84	2CKA006199A0093	Abdeckung Szene 1-fach Taster	Cover Scene 1-fold Button
LFST/A.1.63.11-884	2CKA006199A0094	Abdeckung Szene 1-fach Taster	Cover Scene 1-fold Button
LFST/A.1.63.11-885	2CKA006199A0095	Abdeckung Szene 1-fach Taster	Cover Scene 1-fold Button
LFST/A.1.63.11-803	2CKA006199A0096	Abdeckung Szene 1-fach Taster	Cover Scene 1-fold Button
LFST/A.1.63.11-866	2CKA006199A0097	Abdeckung Szene 1-fach Taster	Cover Scene 1-fold Button
LFDW/A.1.63.11-81	2CKA006199A0191	Abdeckung Dimmen 1-fach Wippe	Cover Dim 1-fold Rocker
LFDW/A.1.63.11-82	2CKA006199A0192	Abdeckung Dimmen 1-fach Wippe	Cover Dim 1-fold Rocker
LFDW/A.1.63.11-83	2CKA006199A0193	Abdeckung Dimmen 1-fach Wippe	Cover Dim 1-fold Rocker
LFDW/A.1.63.11-84	2CKA006199A0194	Abdeckung Dimmen 1-fach Wippe	Cover Dim 1-fold Rocker
LFDW/A.1.63.11-884	2CKA006199A0195	Abdeckung Dimmen 1-fach Wippe	Cover Dim 1-fold Rocker
LFDW/A.1.63.11-885	2CKA006199A0196	Abdeckung Dimmen 1-fach Wippe	Cover Dim 1-fold Rocker
LFDW/A.1.63.11-803	2CKA006199A0197	Abdeckung Dimmen 1-fach Wippe	Cover Dim 1-fold Rocker
LFDW/A.1.63.11-866	2CKA006199A0198	Abdeckung Dimmen 1-fach Wippe	Cover Dim 1-fold Rocker
LFJW/A.1.63.11-81	2CKA006199A0199	Abdeckung Jalousie 1-fach Wippe	Cover Blind 1-fold Rocker
LFJW/A.1.63.11-82	2CKA006199A0200	Abdeckung Jalousie 1-fach Wippe	Cover Blind 1-fold Rocker
LFJW/A.1.63.11-83	2CKA006199A0201	Abdeckung Jalousie 1-fach Wippe	Cover Blind 1-fold Rocker
LFJW/A.1.63.11-84	2CKA006199A0202	Abdeckung Jalousie 1-fach Wippe	Cover Blind 1-fold Rocker
LFJW/A.1.63.11-884	2CKA006199A0203	Abdeckung Jalousie 1-fach Wippe	Cover Blind 1-fold Rocker
LFJW/A.1.63.11-885	2CKA006199A0204	Abdeckung Jalousie 1-fach Wippe	Cover Blind 1-fold Rocker
LFJW/A.1.63.11-803	2CKA006199A0205	Abdeckung Jalousie 1-fach Wippe	Cover Blind 1-fold Rocker
LFJW/A.1.63.11-866	2CKA006199A0206	Abdeckung Jalousie 1-fach Wippe	Cover Blind 1-fold Rocker
LFAW/A.1.63.11-81	2CKA006199A0207	Abdeckung Auf/Ab 1-fach Wippe	Cover Up/Down 1-fold Rocker
LFAW/A.1.63.11-82	2CKA006199A0208	Abdeckung Auf/Ab 1-fach Wippe	Cover Up/Down 1-fold Rocker
LFAW/A.1.63.11-83	2CKA006199A0209	Abdeckung Auf/Ab 1-fach Wippe	Cover Up/Down 1-fold Rocker
LFAW/A.1.63.11-84	2CKA006199A0210	Abdeckung Auf/Ab 1-fach Wippe	Cover Up/Down 1-fold Rocker
LFAW/A.1.63.11-884	2CKA006199A0211	Abdeckung Auf/Ab 1-fach Wippe	Cover Up/Down 1-fold Rocker
LFAW/A.1.63.11-885	2CKA006199A0212	Abdeckung Auf/Ab 1-fach Wippe	Cover Up/Down 1-fold Rocker
LFAW/A.1.63.11-803	2CKA006199A0213	Abdeckung Auf/Ab 1-fach Wippe	Cover Up/Down 1-fold Rocker
LFAW/A.1.63.11-866	2CKA006199A0214	Abdeckung Auf/Ab 1-fach Wippe	Cover Up/Down 1-fold Rocker





## Other reference codes

LFBT/A.2.63.11-81	2CKA006199A0215	Abdeckung Beleuchtung 2-fach Taster	Cover Light 2-fold Button
LFBT/A.2.63.11-82	2CKA006199A0216	Abdeckung Beleuchtung 2-fach Taster	Cover Light 2-fold Button
LFBT/A.2.63.11-83	2CKA006199A0217	Abdeckung Beleuchtung 2-fach Taster	Cover Light 2-fold Button
LFBT/A.2.63.11-84	2CKA006199A0218	Abdeckung Beleuchtung 2-fach Taster	Cover Light 2-fold Button
LFBT/A.2.63.11-884	2CKA006199A0219	Abdeckung Beleuchtung 2-fach Taster	Cover Light 2-fold Button
LFBT/A.2.63.11-885	2CKA006199A0220	Abdeckung Beleuchtung 2-fach Taster	Cover Light 2-fold Button
LFBT/A.2.63.11-803	2CKA006199A0221	Abdeckung Beleuchtung 2-fach Taster	Cover Light 2-fold Button
LFBT/A.2.63.11-866	2CKA006199A0222	Abdeckung Beleuchtung 2-fach Taster	Cover Light 2-fold Button
LFJT/A.2.63.11-81	2CKA006199A0223	Abdeckung Jalousie 2-fach Taster	Cover Blind 2-fold Button
LFJT/A.2.63.11-82	2CKA006199A0224	Abdeckung Jalousie 2-fach Taster	Cover Blind 2-fold Button
LFJT/A.2.63.11-83	2CKA006199A0225	Abdeckung Jalousie 2-fach Taster	Cover Blind 2-fold Button
LFJT/A.2.63.11-84	2CKA006199A0226	Abdeckung Jalousie 2-fach Taster	Cover Blind 2-fold Button
LFJT/A.2.63.11-884	2CKA006199A0227	Abdeckung Jalousie 2-fach Taster	Cover Blind 2-fold Button
LFJT/A.2.63.11-885	2CKA006199A0228	Abdeckung Jalousie 2-fach Taster	Cover Blind 2-fold Button
LFJT/A.2.63.11-803	2CKA006199A0229	Abdeckung Jalousie 2-fach Taster	Cover Blind 2-fold Button
LFJT/A.2.63.11-866	2CKA006199A0230	Abdeckung Jalousie 2-fach Taster	Cover Blind 2-fold Button
LFST/A.2.63.11-81	2CKA006199A0231	Abdeckung Szene 2-fach Taster	Cover Scene 2-fold Button
LFST/A.2.63.11-82	2CKA006199A0232	Abdeckung Szene 2-fach Taster	Cover Scene 2-fold Button
LFST/A.2.63.11-83	2CKA006199A0233	Abdeckung Szene 2-fach Taster	Cover Scene 2-fold Button
LFST/A.2.63.11-84	2CKA006199A0234	Abdeckung Szene 2-fach Taster	Cover Scene 2-fold Button
LFST/A.2.63.11-884	2CKA006199A0235	Abdeckung Szene 2-fach Taster	Cover Scene 2-fold Button
LFST/A.2.63.11-885	2CKA006199A0236	Abdeckung Szene 2-fach Taster	Cover Scene 2-fold Button
LFST/A.2.63.11-803	2CKA006199A0237	Abdeckung Szene 2-fach Taster	Cover Scene 2-fold Button
LFST/A.2.63.11-866	2CKA006199A0238	Abdeckung Szene 2-fach Taster	Cover Scene 2-fold Button
LFDW/A.2.63.11-81	2CKA006199A0239	Abdeckung Dim/Jal 2-fach Wippe	Cover Dim/Blind 2-fold Rocker
LFDW/A.2.63.11-82	2CKA006199A0240	Abdeckung Dim/Jal 2-fach Wippe	Cover Dim/Blind 2-fold Rocker
LFDW/A.2.63.11-83	2CKA006199A0241	Abdeckung Dim/Jal 2-fach Wippe	Cover Dim/Blind 2-fold Rocker
LFDW/A.2.63.11-84	2CKA006199A0242	Abdeckung Dim/Jal 2-fach Wippe	Cover Dim/Blind 2-fold Rocker
LFDW/A.2.63.11-884	2CKA006199A0243	Abdeckung Dim/Jal 2-fach Wippe	Cover Dim/Blind 2-fold Rocker
LFDW/A.2.63.11-885	2CKA006199A0244	Abdeckung Dim/Jal 2-fach Wippe	Cover Dim/Blind 2-fold Rocker
LFDW/A.2.63.11-803	2CKA006199A0245	Abdeckung Dim/Jal 2-fach Wippe	Cover Dim/Blind 2-fold Rocker
LFDW/A.2.63.11-866	2CKA006199A0246	Abdeckung Dim/Jal 2-fach Wippe	Cover Dim/Blind 2-fold Rocker
LFAW/A.2.63.11-81	2CKA006199A0247	Abdeckung Auf/Ab 2-fach Wippe	Cover Up/Down 2-fold Rocker
LFAW/A.2.63.11-82	2CKA006199A0248	Abdeckung Auf/Ab 2-fach Wippe	Cover Up/Down 2-fold Rocker
LFAW/A.2.63.11-83	2CKA006199A0249	Abdeckung Auf/Ab 2-fach Wippe	Cover Up/Down 2-fold Rocker
LFAW/A.2.63.11-84	2CKA006199A0250	Abdeckung Auf/Ab 2-fach Wippe	Cover Up/Down 2-fold Rocker
LFAW/A.2.63.11-884	2CKA006199A0251	Abdeckung Auf/Ab 2-fach Wippe	Cover Up/Down 2-fold Rocker
LFAW/A.2.63.11-885	2CKA006199A0252	Abdeckung Auf/Ab 2-fach Wippe	Cover Up/Down 2-fold Rocker
LFAW/A.2.63.11-803	2CKA006199A0253	Abdeckung Auf/Ab 2-fach Wippe	Cover Up/Down 2-fold Rocker
LFAW/A.2.63.11-866	2CKA006199A0254	Abdeckung Auf/Ab 2-fach Wippe	Cover Up/Down 2-fold Rocker
LFMW/A.4.63.11-81	2CKA006199A0255	Abdeckung Musik 4-fach Taster	Cover Music 4-fold Button
LFMW/A.4.63.11-82	2CKA006199A0256	Abdeckung Musik 4-fach Taster	Cover Music 4-fold Button
LFMW/A.4.63.11-83	2CKA006199A0257	Abdeckung Musik 4-fach Taster	Cover Music 4-fold Button
LFMW/A.4.63.11-84	2CKA006199A0258	Abdeckung Musik 4-fach Taster	Cover Music 4-fold Button
LFMW/A.4.63.11-884	2CKA006199A0259	Abdeckung Musik 4-fach Taster	Cover Music 4-fold Button
LFMW/A.4.63.11-885	2CKA006199A0260	Abdeckung Musik 4-fach Taster	Cover Music 4-fold Button
LFMW/A.4.63.11-803	2CKA006199A0261	Abdeckung Musik 4-fach Taster	Cover Music 4-fold Button
LFMW/A.4.63.11-866	2CKA006199A0262	Abdeckung Musik 4-fach Taster	Cover Music 4-fold Button
LFW/A.1.63.1-81	2CKA006199A0098	Abdeckung 1-fach	Cover 1-fold
LFW/A.1.63.1-82	2CKA006199A0099	Abdeckung 1-fach	Cover 1-fold
LFW/A.1.63.1-83	2CKA006199A0100	Abdeckung 1-fach	Cover 1-fold
LFW/A.1.63.1-885	2CKA006199A0103	Abdeckung 1-fach	Cover 1-fold
LFW/A.1.63.1-803	2CKA006199A0104	Abdeckung 1-fach	Cover 1-fold





## Other reference codes

LFW/A.1.63.1-866	2CKA006199A0105	Abdeckung 1-fach	Cover 1-fold
LFW/A.2.63.1-81	2CKA006199A0107	Abdeckung 2-fach	Cover 2-fold
LFW/A.2.63.1-82	2CKA006199A0108	Abdeckung 2-fach	Cover 2-fold
LFW/A.2.63.1-83	2CKA006199A0109	Abdeckung 2-fach	Cover 2-fold
LFW/A.2.63.1-84	2CKA006199A0110	Abdeckung 2-fach	Cover 2-fold
LFW/A.2.63.1-884	2CKA006199A0111	Abdeckung 2-fach	Cover 2-fold
LFW/A.2.63.1-885	2CKA006199A0112	Abdeckung 2-fach	Cover 2-fold
LFW/A.2.63.1-803	2CKA006199A0113	Abdeckung 2-fach	Cover 2-fold
LFW/A.2.63.1-866	2CKA006199A0114	Abdeckung 2-fach	Cover 2-fold
LFW/A.3.63.1-81	2CKA006199A0116	Abdeckung 3-fach	Cover 3-fold
LFW/A.3.63.1-82	2CKA006199A0117	Abdeckung 3-fach	Cover 3-fold
LFW/A.3.63.1-83	2CKA006199A0118	Abdeckung 3-fach	Cover 3-fold
LFW/A.3.63.1-84	2CKA006199A0119	Abdeckung 3-fach	Cover 3-fold
LFW/A.3.63.1-884	2CKA006199A0120	Abdeckung 3-fach	Cover 3-fold
LFW/A.3.63.1-885	2CKA006199A0121	Abdeckung 3-fach	Cover 3-fold
LFW/A.3.63.1-803	2CKA006199A0122	Abdeckung 3-fach	Cover 3-fold
LFW/A.3.63.1-866	2CKA006199A0123	Abdeckung 3-fach	Cover 3-fold
LFW/A.4.63.1-81	2CKA006199A0125	Abdeckung 4-fach	Cover 4-fold
LFW/A.4.63.1-82	2CKA006199A0126	Abdeckung 4-fach	Cover 4-fold
LFW/A.4.63.1-83	2CKA006199A0127	Abdeckung 4-fach	Cover 4-fold
LFW/A.4.63.1-84	2CKA006199A0128	Abdeckung 4-fach	Cover 4-fold
LFW/A.4.63.1-884	2CKA006199A0129	Abdeckung 4-fach	Cover 4-fold
LFW/A.4.63.1-885	2CKA006199A0130	Abdeckung 4-fach	Cover 4-fold
LFW/A.4.63.1-803	2CKA006199A0131	Abdeckung 4-fach	Cover 4-fold
LFW/A.4.63.1-866	2CKA006199A0132	Abdeckung 4-fach	Cover 4-fold
LFBT/A.1.63.1-81	2CKA006199A0134	Abdeckung Beleuchtung 1-fach Taster	Cover Light 1-fold Button
LFBT/A.1.63.1-82	2CKA006199A0135	Abdeckung Beleuchtung 1-fach Taster	Cover Light 1-fold Button
LFBT/A.1.63.1-83	2CKA006199A0136	Abdeckung Beleuchtung 1-fach Taster	Cover Light 1-fold Button
LFBT/A.1.63.1-84	2CKA006199A0137	Abdeckung Beleuchtung 1-fach Taster	Cover Light 1-fold Button
LFBT/A.1.63.1-884	2CKA006199A0138	Abdeckung Beleuchtung 1-fach Taster	Cover Light 1-fold Button
LFBT/A.1.63.1-885	2CKA006199A0139	Abdeckung Beleuchtung 1-fach Taster	Cover Light 1-fold Button
LFBT/A.1.63.1-803	2CKA006199A0140	Abdeckung Beleuchtung 1-fach Taster	Cover Light 1-fold Button
LFBT/A.1.63.1-866	2CKA006199A0141	Abdeckung Beleuchtung 1-fach Taster	Cover Light 1-fold Button
LFJT/A.1.63.1-81	2CKA006199A0143	Abdeckung Jalousie 1-fach Taster	Cover Blind 1-fold Button
LFJT/A.1.63.1-82	2CKA006199A0144	Abdeckung Jalousie 1-fach Taster	Cover Blind 1-fold Button
LFJT/A.1.63.1-83	2CKA006199A0145	Abdeckung Jalousie 1-fach Taster	Cover Blind 1-fold Button
LFJT/A.1.63.1-84	2CKA006199A0146	Abdeckung Jalousie 1-fach Taster	Cover Blind 1-fold Button
LFJT/A.1.63.1-884	2CKA006199A0147	Abdeckung Jalousie 1-fach Taster	Cover Blind 1-fold Button
LFJT/A.1.63.1-885	2CKA006199A0148	Abdeckung Jalousie 1-fach Taster	Cover Blind 1-fold Button
LFJT/A.1.63.1-803	2CKA006199A0149	Abdeckung Jalousie 1-fach Taster	Cover Blind 1-fold Button
LFJT/A.1.63.1-866	2CKA006199A0150	Abdeckung Jalousie 1-fach Taster	Cover Blind 1-fold Button
LFST/A.1.63.1-81	2CKA006199A0152	Abdeckung Szene 1-fach Taster	Cover Scene 1-fold Button
LFST/A.1.63.1-82	2CKA006199A0153	Abdeckung Szene 1-fach Taster	Cover Scene 1-fold Button
LFST/A.1.63.1-83	2CKA006199A0154	Abdeckung Szene 1-fach Taster	Cover Scene 1-fold Button
LFST/A.1.63.1-84	2CKA006199A0155	Abdeckung Szene 1-fach Taster	Cover Scene 1-fold Button
LFST/A.1.63.1-884	2CKA006199A0156	Abdeckung Szene 1-fach Taster	Cover Scene 1-fold Button
LFST/A.1.63.1-885	2CKA006199A0157	Abdeckung Szene 1-fach Taster	Cover Scene 1-fold Button
LFST/A.1.63.1-803	2CKA006199A0158	Abdeckung Szene 1-fach Taster	Cover Scene 1-fold Button
LFST/A.1.63.1-866	2CKA006199A0159	Abdeckung Szene 1-fach Taster	Cover Scene 1-fold Button
LFDW/A.1.63.1-81	2CKA006199A0263	Abdeckung Dimmen 1-fach Wippe	Cover Dim 1-fold Rocker
LFDW/A.1.63.1-82	2CKA006199A0264	Abdeckung Dimmen 1-fach Wippe	Cover Dim 1-fold Rocker
LFDW/A.1.63.1-83	2CKA006199A0265	Abdeckung Dimmen 1-fach Wippe	Cover Dim 1-fold Rocker





## Other reference codes

LFDW/A.1.63.1-84	2CKA006199A0266	Abdeckung Dimmen 1-fach Wippe	Cover Dim 1-fold Rocker
LFDW/A.1.63.1-884	2CKA006199A0267	Abdeckung Dimmen 1-fach Wippe	Cover Dim 1-fold Rocker
LFDW/A.1.63.1-885	2CKA006199A0268	Abdeckung Dimmen 1-fach Wippe	Cover Dim 1-fold Rocker
LFDW/A.1.63.1-803	2CKA006199A0269	Abdeckung Dimmen 1-fach Wippe	Cover Dim 1-fold Rocker
LFDW/A.1.63.1-866	2CKA006199A0270	Abdeckung Dimmen 1-fach Wippe	Cover Dim 1-fold Rocker
LFJW/A.1.63.1-81	2CKA006199A0271	Abdeckung Jalousie 1-fach Wippe	Cover Blind 1-fold Rocker
LFJW/A.1.63.1-82	2CKA006199A0272	Abdeckung Jalousie 1-fach Wippe	Cover Blind 1-fold Rocker
LFJW/A.1.63.1-83	2CKA006199A0273	Abdeckung Jalousie 1-fach Wippe	Cover Blind 1-fold Rocker
LFJW/A.1.63.1-84	2CKA006199A0274	Abdeckung Jalousie 1-fach Wippe	Cover Blind 1-fold Rocker
LFJW/A.1.63.1-884	2CKA006199A0275	Abdeckung Jalousie 1-fach Wippe	Cover Blind 1-fold Rocker
LFJW/A.1.63.1-885	2CKA006199A0276	Abdeckung Jalousie 1-fach Wippe	Cover Blind 1-fold Rocker
LFJW/A.1.63.1-803	2CKA006199A0277	Abdeckung Jalousie 1-fach Wippe	Cover Blind 1-fold Rocker
LFJW/A.1.63.1-866	2CKA006199A0278	Abdeckung Jalousie 1-fach Wippe	Cover Blind 1-fold Rocker
LFAW/A.1.63.1-81	2CKA006199A0279	Abdeckung Auf/Ab 1-fach Wippe	Cover Up/Down 1-fold Rocker
LFAW/A.1.63.1-82	2CKA006199A0280	Abdeckung Auf/Ab 1-fach Wippe	Cover Up/Down 1-fold Rocker
LFAW/A.1.63.1-83	2CKA006199A0281	Abdeckung Auf/Ab 1-fach Wippe	Cover Up/Down 1-fold Rocker
LFAW/A.1.63.1-84	2CKA006199A0282	Abdeckung Auf/Ab 1-fach Wippe	Cover Up/Down 1-fold Rocker
LFAW/A.1.63.1-884	2CKA006199A0283	Abdeckung Auf/Ab 1-fach Wippe	Cover Up/Down 1-fold Rocker
LFAW/A.1.63.1-885	2CKA006199A0284	Abdeckung Auf/Ab 1-fach Wippe	Cover Up/Down 1-fold Rocker
LFAW/A.1.63.1-803	2CKA006199A0285	Abdeckung Auf/Ab 1-fach Wippe	Cover Up/Down 1-fold Rocker
LFAW/A.1.63.1-866	2CKA006199A0286	Abdeckung Auf/Ab 1-fach Wippe	Cover Up/Down 1-fold Rocker
LFBT/A.2.63.1-81	2CKA006199A0287	Abdeckung Beleuchtung 2-fach Taster	Cover Light 2-fold Button
LFBT/A.2.63.1-82	2CKA006199A0288	Abdeckung Beleuchtung 2-fach Taster	Cover Light 2-fold Button
LFBT/A.2.63.1-83	2CKA006199A0289	Abdeckung Beleuchtung 2-fach Taster	Cover Light 2-fold Button
LFBT/A.2.63.1-84	2CKA006199A0290	Abdeckung Beleuchtung 2-fach Taster	Cover Light 2-fold Button
LFBT/A.2.63.1-884	2CKA006199A0291	Abdeckung Beleuchtung 2-fach Taster	Cover Light 2-fold Button
LFBT/A.2.63.1-885	2CKA006199A0292	Abdeckung Beleuchtung 2-fach Taster	Cover Light 2-fold Button
LFBT/A.2.63.1-803	2CKA006199A0293	Abdeckung Beleuchtung 2-fach Taster	Cover Light 2-fold Button
LFBT/A.2.63.1-866	2CKA006199A0294	Abdeckung Beleuchtung 2-fach Taster	Cover Light 2-fold Button
LFJT/A.2.63.1-81	2CKA006199A0295	Abdeckung Jalousie 2-fach Taster	Cover Blind 2-fold Button
LFJT/A.2.63.1-82	2CKA006199A0296	Abdeckung Jalousie 2-fach Taster	Cover Blind 2-fold Button
LFJT/A.2.63.1-83	2CKA006199A0297	Abdeckung Jalousie 2-fach Taster	Cover Blind 2-fold Button
LFJT/A.2.63.1-84	2CKA006199A0298	Abdeckung Jalousie 2-fach Taster	Cover Blind 2-fold Button
LFJT/A.2.63.1-884	2CKA006199A0299	Abdeckung Jalousie 2-fach Taster	Cover Blind 2-fold Button
LFJT/A.2.63.1-885	2CKA006199A0300	Abdeckung Jalousie 2-fach Taster	Cover Blind 2-fold Button
LFJT/A.2.63.1-803	2CKA006199A0301	Abdeckung Jalousie 2-fach Taster	Cover Blind 2-fold Button
LFJT/A.2.63.1-866	2CKA006199A0302	Abdeckung Jalousie 2-fach Taster	Cover Blind 2-fold Button
LFST/A.2.63.1-81	2CKA006199A0303	Abdeckung Szene 2-fach Taster	Cover Scene 2-fold Button
LFST/A.2.63.1-82	2CKA006199A0304	Abdeckung Szene 2-fach Taster	Cover Scene 2-fold Button
LFST/A.2.63.1-83	2CKA006199A0305	Abdeckung Szene 2-fach Taster	Cover Scene 2-fold Button
LFST/A.2.63.1-84	2CKA006199A0306	Abdeckung Szene 2-fach Taster	Cover Scene 2-fold Button
LFST/A.2.63.1-884	2CKA006199A0307	Abdeckung Szene 2-fach Taster	Cover Scene 2-fold Button
LFST/A.2.63.1-885	2CKA006199A0308	Abdeckung Szene 2-fach Taster	Cover Scene 2-fold Button
LFST/A.2.63.1-803	2CKA006199A0309	Abdeckung Szene 2-fach Taster	Cover Scene 2-fold Button
LFST/A.2.63.1-866	2CKA006199A0310	Abdeckung Szene 2-fach Taster	Cover Scene 2-fold Button
LFDW/A.2.63.1-81	2CKA006199A0311	Abdeckung Dim/Jal 2-fach Wippe	Cover Dim/Blind 2-fold Rocker
LFDW/A.2.63.1-82	2CKA006199A0312	Abdeckung Dim/Jal 2-fach Wippe	Cover Dim/Blind 2-fold Rocker
LFDW/A.2.63.1-83	2CKA006199A0313	Abdeckung Dim/Jal 2-fach Wippe	Cover Dim/Blind 2-fold Rocker
LFDW/A.2.63.1-84	2CKA006199A0314	Abdeckung Dim/Jal 2-fach Wippe	Cover Dim/Blind 2-fold Rocker
LFDW/A.2.63.1-884	2CKA006199A0315	Abdeckung Dim/Jal 2-fach Wippe	Cover Dim/Blind 2-fold Rocker
LFDW/A.2.63.1-885	2CKA006199A0316	Abdeckung Dim/Jal 2-fach Wippe	Cover Dim/Blind 2-fold Rocker
LFDW/A.2.63.1-803	2CKA006199A0317	Abdeckung Dim/Jal 2-fach Wippe	Cover Dim/Blind 2-fold Rocker



# Glossary

Environmental impact Indicators			
GWP-total	Global Warming Potential total (Climate hange)		
GWP-fossil	Global Warming Potential fossil		
GWP-biogenic	Global Warming Potential biogenic		
GWP-luluc	Global Warming Potential land use and land use change		
ODP	Depletion potential of the stratospheric ozone layer		
AP	Acidification potential		
EP-freshwater	Eutrophication potential - freshwater compartment		
EP-marine	Eutrophication potential - fraction of nutrients reachin marine end compartment		
EP-terrestrial	Eutrophication potential - Accumulated Exceedance		
POCP	Formation potential of tropospheric ozone		
ADP-m&m	Abiotic Depletion for non-fossil resources potential		
ADP-fossil	Abiotic Depletion for fossil resources potential, WDP		
WDP	Water deprivation potential		
Resource indicators			
PENRE	Use of non-renewable primary energy excluding renewable primary energy resources used as raw material		
PENRM	Use of non-renewable primary energy resources used as raw material		
PENRT	Total use of non-renewable primary energy resources (primary energy and primary energy resources used as raw materials		
PERE	Use of renewable primary energy excluding non-renewable primary energy resources used as raw material.		
PERM	Use of renewable primary energy resources used as raw material		
PERT	Total use of renewable primary energy resources (primary energy and primary energy resources used as raw materials)		
Secondary materials, water and energy resources		Waste category indicators	
SM	Use of secondary materials	HWD	Hazardous waste disposed
RSF	Use of renewable secondary fuels	N-HWD	Non-hazardous waste disposed
NRSF	Use of non-renewable secondary fuels	RWD	Radioactive waste disposed
FW	Net use of fresh water		
Output flow indicators		Optional indicators	
CfRu	Components for re-use	Tot PE	Total use of primary energy during the life cycle
MfR	Materials for recycling		
MfER	Materials for energy recovery	Efp	Emissions of Fine particles
EE	Exported Energy	IrHH	Ionizing radiation, human health
		ETX FW	Ecotoxicity, freshwater
		HTX CE	Human toxicity, carcinogenic effects
		HTX N-CE	Human toxicity, non-carcinogenic effects
		IrLS	Impact related to Land use / soil quality

