

PRODUCT-DETAILS

6523 U-102

Busch-Rotary-Dimmer Insert Turn/push button 207 ... 253 V 2...250 V·A



General Information

Extended Product Type	6523 U-102
Product ID	2CKA006512A0334
EAN	4011395212677
Catalog Description	Busch-Rotary-Dimmer Insert Turn/push button 207 ... 253 V 2...250 V·A

Long Description

With rotary control, two-way switch and soft-catch. 2-wire connection (neutral conductor not required) Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers. For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps. Mix operator of LEDi with conventional loads possible. Via mode switch adjustable between leading edge control and trailing edge control. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. With adjustable minimum brightness. Without cover plate. Rated voltage: 230 V~, + 10% / - 10% Rated frequency: 50 Hz/60 Hz Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 250 W/VA (non-LED loads).

Installation

Instructions and Manuals	No document needed
Mounting Type	Flush Mounted

Technical

Data Sheet, Technical Information	No document needed
Rated Voltage (U _r)	207 ... 253 V
Rated Control Supply Voltage (U _s)	220...240 V
Rated Frequency (f)	50 / 60 Hz
Maximum Switching Power	2500 W
Power Watt	2...250 V·A
Design Range	63x63 alpha Busch-art linear Busch-axcent Busch-axcent pur Busch-balance SI Busch-Duro 2000 Busch-Duro 2000 SI Linear Busch-Dynasty carat future future linear impuls Pure Stainless Steel Reflex SI Reflex SI Linear Reflex SI/SI Linear solo
Actuator Type	Turn/push button
Connection Type	Screw Clamp
Load Type	Universal and LED Retrofit
Surface Finishing	Untreated Matt
Material	Thermoplastic
Control Supply Voltage	220...240 V

Material Compliance

RoHS Information	2CKA200000E5901
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
REACH Declaration	2CKA309999E9999
REACH Information	True - contains substances > 0.1 mass percentage
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
SCIP	29c12a6d-60a3-4ae1-b2dd-1503c5f036f5 Germany (DE)

Environmental

Ambient Air Temperature	Operation 0 ... +35 °C
Degree of Protection	IP20

Dimensions

Product Net Width	71 mm
Product Net Height	71 mm
Product Net Depth /	54 mm

Length

Product Net Weight	71.5 g
Built-In Depth (t ₂)	32 mm

Certificates and Declarations

Declaration of Conformity - CE	2CKA100000E1615
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Classifications

ETIM 9	EC000025 - Dimmer
eClass	V11.0 : 27144014
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CKA006599A3028	Electronic Controls for Dimmer Turn button alpine white - Reflex SI/SI Linear	2115 E-214-501	1	piece
2CKA006599A2929	Electronic Controls for Dimmer Turn button white - Basic55	2115-92-507	1	piece
2CKA006599A2990	Electronic Controls for Dimmer Turn button champagne - Basic55	2115-93-507	1	piece
2CKA006599A2928	Electronic Controls for Dimmer Turn button alpine white - Basic55	2115-94-507	1	piece
2CKA006599A2991	Electronic Controls for Dimmer Turn button château-black - Basic55	2115-95-507	1	piece
2CKA006599A2992	Electronic Controls for Dimmer Turn button chalet white - Basic55	2115-96-507	1	piece
2CKA006599A1458	Cover Plate for Dimmer Turn button platinum - alpha	6540-20	1	piece
2CKA006599A1490	Cover Plate for Dimmer Turn button bronze - alpha	6540-21	1	piece
2CKA006599A2324	Cover Plate for Dimmer Turn button studio white - alpha	6540-24G	1	piece
2CKA006599A2852	Cover Plate for Dimmer Turn button palladium - alpha	6540-260	1	piece
2CKA006599A2855	Cover Plate for Dimmer Turn button titanium - alpha	6540-266	1	piece
2CKA006599A2084	Cover Plate for Dimmer Turn button alpine white - impuls	6540-74	1	piece
2CKA006599A2970	Cover Plate for Dimmer Turn button studio white matt - impuls	6540-774	1	piece
2CKA006599A2974	Cover Plate for Dimmer Turn button black matt - impuls	6540-775	1	piece
2CKA006599A2917	Cover Plate for Dimmer Turn button aluminium silver - impuls	6540-783	1	piece
2CKA006599A2980	Cover Plate for Dimmer Turn button with Neon lamp grey metallic - 63x63	6540-803-102	1	piece
2CKA006599A2950	Cover Plate for Dimmer Turn button with Neon lamp anthracite - 63x63	6540-81-102	1	piece
2CKA006599A2951	Cover Plate for Dimmer Turn button with Neon lamp ivory white - 63x63	6540-82-102	1	piece
2CKA006599A2952	Cover Plate for Dimmer Turn button with Neon lamp aluminium silver - 63x63	6540-83-102	1	piece

2CKA006599A3009	6540-84-102-500 Center Pl. SF Dimmer	6540-84-102-500	1	piece
2CKA006599A2959	Cover Plate for Dimmer Turn button with Neon lamp stainless steel - Pure Stainless Steel	6540-866-102	1	piece
2CKA006599A2961	Cover Plate for Dimmer Turn button with Neon lamp studio white matt - 63x63	6540-884-102	1	piece
2CKA006599A2966	Cover Plate for Dimmer Turn button with Neon lamp black matt - 63x63	6540-885-102	1	piece
2CKA001754A4373	Cover Frame 1gang platinum - alpha	1721 KA-20	1	piece
2CKA001754A4382	Cover Frame 1gang bronze - alpha	1721 KA-21	1	piece
2CKA001754A2965	Cover Frame 1gang studio white - alpha	1721 KA-24G	1	piece
2CKA001754A4509	Cover Frame 1gang titanium - alpha	1721 KA-266-500	1	piece
2CKA001754A4516	Cover Frame 1gang white - Busch-Duro 2000	1721 NS-212-500	1	piece
2CKA001754A4496	Cover Frame 1gang alpine white - Reflex SI	1721 NS-214-500	1	piece
2CKA001754A4093	Cover Frame 1gang white - Busch-Duro 2000 SI Linear	1721 NSKA-212	1	piece
2CKA001754A4497	Cover Frame 1gang alpine white - Reflex SI Linear	1721 NSKA-214-500	1	piece
2CKA001754A4065	Cover Frame 1gang studio white - alpha	1721 NSKA-24G	1	piece
2CKA001754A4713	Cover Frame 1gang red - future linear	1721-12-182K-101	1	piece
2CKA001754A4240	Cover Frame 1gang anthracite - future linear	1721-181K	1	piece
2CKA001754A4168	Cover Frame 1gang ivory white - future	1721-182	1	piece
2CKA001754A4506	Cover Frame 1gang ivory white - future linear	1721-182K-500	1	piece
2CKA001754A4529	Cover Frame 1gang aluminium silver - future linear	1721-183K-500	1	piece
2CKA001754A4173	Cover Frame 1gang studio white - future	1721-184	1	piece
2CKA001754A4527	Cover Frame 1gang studio white - future linear	1721-184 NSK-500	1	piece
2CKA001754A4504	Cover Frame 1gang studio white - future	1721-184-500	1	piece
2CKA001754A4498	Cover Frame 1gang studio white - future linear	1721-184K-500	1	piece
2CKA001754A4521	Cover Frame 1gang platinum - alpha	1721-20-500	1	piece
2CKA001754A4522	Cover Frame 1gang bronze - alpha	1721-21-500	1	piece
2CKA001754A4775	Cover Frame 1gang glass purple - Busch-axcent pur	1721-223	1	piece
2CKA001754A4760	Cover Frame 1gang glass sun - Busch-axcent pur	1721-225	1	piece
2CKA001754A4770	Cover Frame 1gang glass avocado - Busch-axcent pur	1721-226	1	piece
2CKA001754A4765	Cover Frame 1gang glass coral - Busch-axcent pur	1721-227	1	piece
2CKA001754A4755	Cover Frame 1gang glass ocean - Busch-axcent pur	1721-228	1	piece
2CKA001754A4780	Cover Frame 1gang glass oyster - Busch-axcent pur	1721-229	1	piece
2CKA001754A4512	Cover Frame 1gang ivory - alpha	1721-22G-500	1	piece
2CKA001754A4790	Cover Frame 1gang paper brown - Busch-axcent pur	1721-243	1	piece
2CKA001754A4800	Cover Frame 1gang glass black - Busch-axcent pur	1721-245	1	piece
2CKA001754A4785	Cover Frame 1gang paper blue - Busch-axcent pur	1721-248	1	piece
2CKA001754A4503	Cover Frame 1gang studio white - alpha	1721-24G-500	1	piece
2CKA001754A4391	Cover Frame 1gang titanium - alpha	1721-266	1	piece

2CKA001754A4688	Cover Frame 1gang platinum - Busch-axcent pur	1721-270-500	1	piece
2CKA001754A4708	Cover Frame 1gang black matt - Busch-axcent pur	1721-275-500	1	piece
2CKA001754A4698	Cover Frame 1gang titanium - Busch-axcent pur	1721-276-500	1	piece
2CKA001754A4437	Cover Frame 1gang white glass - Busch-axcent pur	1721-280	1	piece
2CKA001754A4409	Cover Frame 1gang black - Busch-axcent	1721-281	1	piece
2CKA001754A4331	Cover Frame 1gang studio white - Busch-axcent	1721-284	1	piece
2CKA001754A4334	Cover Frame 1gang yellow - Busch-axcent	1721-285	1	piece
2CKA001754A4337	Cover Frame 1gang green - Busch-axcent	1721-286	1	piece
2CKA001754A4340	Cover Frame 1gang red - Busch-axcent	1721-287	1	piece
2CKA001754A4343	Cover Frame 1gang blue - Busch-axcent	1721-288	1	piece
2CKA001754A4805	Cover Frame 1gang slate grey - Busch-axcent pur	1721-290	1	piece
2CKA001754A4471	Cover Frame 1gang entrée grey - Busch-axcent	1721-291-500	1	piece
2CKA001754A4795	Cover Frame 1gang concrete grey - Busch-axcent pur	1721-298	1	piece
2CKA001754A4505	Cover Frame 1gang ivory - impuls	1721-72-500	1	piece
2CKA001754A4514	Cover Frame 1gang chrome - impuls	1721-726-500	1	piece
2CKA001754A4507	Cover Frame 1gang solar gold - impuls	1721-73-500	1	piece
2CKA001754A4513	Cover Frame 1gang alpine white - impuls	1721-74-500	1	piece
2CKA001754A4222	Cover Frame 1gang alpine white - impuls	1721-74-507	1	piece
2CKA001754A4429	Cover Frame 1gang studio white matt - impuls	1721-774	1	piece
2CKA001754A4430	Cover Frame 1gang studio white matt - impuls	1721-774-507	1	piece
2CKA001754A4424	Cover Frame 1gang black matt - impuls	1721-775	1	piece
2CKA001754A4510	Cover Frame 1gang champagne metallic - impuls	1721-79-500	1	piece
2CKA001754A4225	Cover Frame 1gang champagne metallic - impuls	1721-79-507	1	piece
2CKA001754A4535	Cover Frame 1gang chrome - solo	1721-80-500	1	piece
2CKA001754A4538	Cover Frame 1gang chrome gloss - solo	1721-80G-500	1	piece
2CKA001754A4442	Cover Frame 1gang white glass - carat	1721-811	1	piece
2CKA001754A4820	Cover Frame 1gang porcelain anthracite - carat	1721-815	1	piece
2CKA001754A4258	Cover Frame 1gang bronze - carat	1721-821	1	piece
2CKA001754A4356	Cover Frame 1gang gold - carat	1721-823-101	1	piece
2CKA001754A4322	Cover Frame 1gang glass black - carat	1721-825	1	piece
2CKA001754A4360	Cover Frame 1gang chrome - carat	1721-826-101	1	piece
2CKA001754A4605	Cover Frame 1gang anthracite - Busch-Dynasty	1721-831-500	1	piece
2CKA001754A4600	Cover Frame 1gang ivory white - Busch-Dynasty	1721-832-500	1	piece
2CKA001754A4575	Cover Frame 1gang polished brass decor anthracite - Busch-Dynasty	1721-833-500	1	piece
2CKA001754A4565	Cover Frame 1gang polished brass anthracite - Busch-Dynasty	1721-835-500	1	piece
2CKA001754A4570	Cover Frame 1gang polished brass decor ivory white - Busch-Dynasty	1721-836-500	1	piece
2CKA001754A4560	Cover Frame 1gang polished brass ivory white - Busch-Dynasty	1721-838-500	1	piece
2CKA001754A4595	Cover Frame 1gang antique brass decor anthracite - Busch-Dynasty	1721-843-500	1	piece
2CKA001754A4536	Cover Frame 1gang studio white - solo	1721-84-500	1	piece
2CKA001754A4585	Cover Frame 1gang antique brass anthracite - Busch-Dynasty	1721-845-500	1	piece
2CKA001754A4590	Cover Frame 1gang antique brass decor ivory white - Busch-Dynasty	1721-846-500	1	piece

2CKA001754A4580	Cover Frame 1gang antique brass ivory white - Busch-Dynasty	1721-848-500	1	piece
2CKA001754A4254	Cover Frame 1gang stainless steel - carat	1721-860	1	piece
2CKA001754A4500	Cover Frame 1gang stainless steel - Pure Stainless Steel	1721-866K-500	1	piece
2CKA001754A4531	Cover Frame 1gang studio white matt - future linear	1721-884K-500	1	piece
2CKA001754A4532	Cover Frame 1gang black matt - future linear	1721-885K-500	1	piece
2CKA001754A4374	Cover Frame 2gang platinum - alpha	1722 KA-20	1	piece
2CKA001754A4383	Cover Frame 2gang bronze - alpha	1722 KA-21	1	piece
2CKA001754A3849	Cover Frame 2gang ivory - alpha	1722 KA-22G	1	piece
2CKA001754A2999	Cover Frame 2gang studio white - alpha	1722 KA-24G	1	piece
2CKA001754A4523	Cover Frame 2gang titanium - alpha	1722 KA-266-500	1	piece
2CKA001754A2239	Cover Frame 2gang white - Busch-Duro 2000	1722 NS-212	1	piece
2CKA001754A2163	Cover Frame 2gang alpine white - Reflex SI	1722 NS-214	1	piece
2CKA001754A4094	Cover Frame 2gang white - Busch-Duro 2000 SI Linear	1722 NSKA-212	1	piece
2CKA001754A4059	Cover Frame 2gang alpine white - Reflex SI Linear	1722 NSKA-214	1	piece
2CKA001754A4066	Cover Frame 2gang studio white - alpha	1722 NSKA-24G	1	piece
2CKA001754A4714	Cover Frame 2gang red - future linear	1722-12-182K-101	1	piece
2CKA001754A4241	Cover Frame 2gang anthracite - future linear	1722-181K	1	piece
2CKA001754A4169	Cover Frame 2gang ivory white - future	1722-182	1	piece
2CKA001754A4231	Cover Frame 2gang ivory white - future linear	1722-182K	1	piece
2CKA001754A4530	Cover Frame 2gang aluminium silver - future linear	1722-183K-500	1	piece
2CKA001754A4174	Cover Frame 2gang studio white - future	1722-184	1	piece
2CKA001754A4508	Cover Frame 2gang studio white - future	1722-184-500	1	piece
2CKA001754A4499	Cover Frame 2gang studio white - future linear	1722-184K-500	1	piece
2CKA001754A4524	Cover Frame 2gang platinum - alpha	1722-20-500	1	piece
2CKA001754A1710	Cover Frame 2gang bronze - alpha	1722-21	1	piece
2CKA001754A4776	Cover Frame 2gang glass purple - Busch-axcent pur	1722-223	1	piece
2CKA001754A4761	Cover Frame 2gang glass sun - Busch-axcent pur	1722-225	1	piece
2CKA001754A4771	Cover Frame 2gang glass avocado - Busch-axcent pur	1722-226	1	piece
2CKA001754A4766	Cover Frame 2gang glass coral - Busch-axcent pur	1722-227	1	piece
2CKA001754A4756	Cover Frame 2gang glass ocean - Busch-axcent pur	1722-228	1	piece
2CKA001754A4781	Cover Frame 2gang glass oyster - Busch-axcent pur	1722-229	1	piece
2CKA001754A3799	Cover Frame 2gang ivory - alpha	1722-22G	1	piece
2CKA001754A4791	Cover Frame 2gang paper brown - Busch-axcent pur	1722-243	1	piece
2CKA001754A4801	Cover Frame 2gang glass black - Busch-axcent pur	1722-245	1	piece
2CKA001754A4786	Cover Frame 2gang paper blue - Busch-axcent pur	1722-248	1	piece
2CKA001754A4511	Cover Frame 2gang studio white - alpha	1722-24G-500	1	piece
2CKA001754A4392	Cover Frame 2gang titanium - alpha	1722-266	1	piece
2CKA001754A4689	Cover Frame 2gang platinum - Busch-axcent pur	1722-270-500	1	piece
2CKA001754A4709	Cover Frame 2gang black matt - Busch-axcent pur	1722-275-500	1	piece

2CKA001754A4699	Cover Frame 2gang titanium - Busch-axcent pur	1722-276-500	1	piece
2CKA001754A4438	Cover Frame 2gang white glass - Busch-axcent pur	1722-280	1	piece
2CKA001754A4410	Cover Frame 2gang black - Busch-axcent	1722-281	1	piece
2CKA001754A4332	Cover Frame 2gang studio white - Busch-axcent	1722-284	1	piece
2CKA001754A4335	Cover Frame 2gang yellow - Busch-axcent	1722-285	1	piece
2CKA001754A4338	Cover Frame 2gang green - Busch-axcent	1722-286	1	piece
2CKA001754A4341	Cover Frame 2gang red - Busch-axcent	1722-287	1	piece
2CKA001754A4344	Cover Frame 2gang blue - Busch-axcent	1722-288	1	piece
2CKA001754A4806	Cover Frame 2gang slate grey - Busch-axcent pur	1722-290	1	piece
2CKA001754A4472	Cover Frame 2gang entrée grey - Busch-axcent	1722-291-500	1	piece
2CKA001754A4796	Cover Frame 2gang concrete grey - Busch-axcent pur	1722-298	1	piece
2CKA001754A4482	Cover Frame 2gang maison-beige - Busch-axcent	1722-299-500	1	piece
2CKA001754A4313	Cover Frame 2gang ivory - impuls	1722-72	1	piece
2CKA001754A4134	Cover Frame 2gang chrome - impuls	1722-726	1	piece
2CKA001754A4525	Cover Frame 2gang alpine white - impuls	1722-74-500	1	piece
2CKA001754A4226	Cover Frame 2gang alpine white - impuls	1722-74-507	1	piece
2CKA001754A4431	Cover Frame 2gang studio white matt - impuls	1722-774	1	piece
2CKA001754A4432	Cover Frame 2gang studio white matt - impuls	1722-774-507	1	piece
2CKA001754A4425	Cover Frame 2gang black matt - impuls	1722-775	1	piece
2CKA001754A2528	Cover Frame 2gang champagne metallic - impuls	1722-79	1	piece
2CKA001754A4537	Cover Frame 2gang chrome - solo	1722-80-500	1	piece
2CKA001754A4327	Cover Frame 2gang chrome gloss - solo	1722-80G	1	piece
2CKA001754A4443	Cover Frame 2gang white glass - carat	1722-811	1	piece
2CKA001754A4821	Cover Frame 2gang porcelain anthracite - carat	1722-815	1	piece
2CKA001754A4259	Cover Frame 2gang bronze - carat	1722-821	1	piece
2CKA001754A4357	Cover Frame 2gang gold - carat	1722-823-101	1	piece
2CKA001754A4323	Cover Frame 2gang glass black - carat	1722-825	1	piece
2CKA001754A4361	Cover Frame 2gang chrome - carat	1722-826-101	1	piece
2CKA001754A4606	Cover Frame 2gang anthracite - Busch-Dynasty	1722-831-500	1	piece
2CKA001754A4601	Cover Frame 2gang ivory white - Busch-Dynasty	1722-832-500	1	piece
2CKA001754A4576	Cover Frame 2gang polished brass decor anthracite - Busch-Dynasty	1722-833-500	1	piece
2CKA001754A4566	Cover Frame 2gang polished brass anthracite - Busch-Dynasty	1722-835-500	1	piece
2CKA001754A4571	Cover Frame 2gang polished brass decor ivory white - Busch-Dynasty	1722-836-500	1	piece
2CKA001754A4561	Cover Frame 2gang polished brass ivory white - Busch-Dynasty	1722-838-500	1	piece
2CKA001754A4596	Cover Frame 2gang antique brass decor anthracite - Busch-Dynasty	1722-843-500	1	piece
2CKA001754A4539	Cover Frame 2gang studio white - solo	1722-84-500	1	piece
2CKA001754A4586	Cover Frame 2gang antique brass anthracite - Busch-Dynasty	1722-845-500	1	piece
2CKA001754A4591	Cover Frame 2gang antique brass decor ivory white - Busch-Dynasty	1722-846-500	1	piece
2CKA006599A2274	Illumination set Dimmer Orange Neon lamp 230 V - impuls	3856	1	piece
2CKA006599A2282	Illumination set Dimmer Orange Neon lamp 230 V	3857	1	piece
2CKA006599A2316	Neon Lamp Orange Neon lamp 230 V - impuls	3858	1	piece

2CKA001714A0295

Braille Sticker Symbol "light" - 63x63

2144 LI

1

piece

Categories

Low Voltage Products and Systems → Wiring Accessories - Light Switch Ranges → Flush Mounted Inserts → Electronic Inserts

