

PRODUCT-DETAILS

# 64851 U-500

## Dimmer insert Push button 1 gang(s) 230 V



### General Information

Extended Product Type	64851 U-500
Product ID	2CKA006500A0013
EAN	4011395294208
Catalog Description	Dimmer insert Push button 1 gang(s) 230 V

Long Description	<p>2-wire connection (neutral conductor not required) Neutral conductor optionally connectable (recommended for the connection of low loads &lt; 10 W/VA). Touch dimmer for switching lighting systems. Operation in 1gang 2way installations via push switch-unit for combination with flush-mounted units. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). 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 operaton of LEDi with conventional loads possible. With manually adjustable operating mode: trailing / leading edge control. With adjustable minimum brightness. With light-level memory and minimum brightness memory. Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. Without control cover. For control element flex, 1gang, 64711. For control element flex, 2gang, 64721. For control element flex, 1gang, wireless, 62711-WL. For control element flex, 2gang, wireless, 62721-WL. For Busch-Watchdog 180 flex sensors, wireless, 6276x-...-WL. Rated power: 3-240 VA (LEDi)</p>
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### Installation

Instructions and	2CKA000073B5135
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Manuals	2CKA000073B5136 2CKA000073B5137 2CKA000073B5138 2CKA000073B5139 2CKA000073B5140
Mounting Type	Flush Mounted Flush mounted (plaster)
Type of Fastening	Mounting with Claw Mounting with Screw Screw Clamp

## Technical

Data Sheet, Technical Information	No document needed
Rated Voltage (U <sub>r</sub> )	230 V
Auxiliary Voltage AC/DC	230 V AC/DC
Frequency (f)	50 ... 60 Hz
Rated Frequency (f)	50 Hz
Number of Outputs	1
Product Range	flexTronics free@home
Design Range	63x63 Busch-balance SI Busch-art linear future linear Busch-axcent Busch-axcent pur solo carat future Busch-Dynasty Pure Stainless Steel Reflex SI Reflex SI Linear Reflex SI/SI Linear Busch-Duro 2000 Busch-Duro 2000 SI Linear
Action Type of the Contact Element (acc. to IEC 60947-5-1)	Basic element
Actuator Type	Push button
Connection Type	Screw
Load Type	Universal and LED Retrofit
Surface Finishing	Surface protection: Untreated Surface finishing: Matt
Material	Thermoplastic
Color	black
Battery Weight	0 g
Cable Cross-Section	1.0 ... 2.5 mm <sup>2</sup>
Control Supply Voltage	230 V 220 ... 240 V

## Material Compliance

RoHS Information	2CKA200000E7495
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
REACH Declaration	2CKA309999E9999
REACH Information	False - does not contains substances > 0.1 mass percentage
Conflict Minerals	9AKK108468A3363

Reporting Template  
(CMRT)**Environmental**

Ambient Air Temperature	Operation -5 ... +45 °C
Degree of Protection	IP20

**Dimensions**

Product Net Width	71 mm
Product Net Height	71 mm
Product Net Depth / Length	30 mm
Product Net Weight	73 g
Built-In Depth (t <sub>2</sub> )	28 mm

**Ordering**

Replaced Product ID (OLD)	2CKA006200A0078
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**Certificates and Declarations**

Declaration of Conformity - CE	2CKA100000E4415
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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

**Categories**

Low Voltage Products and Systems → Building and Home Automation Solutions → free@home → Lighting Control → Universal Dim Actuators

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

