

PRODUCT-DETAILS

# UD/S6.210.2.1

## UD/S6.210.2.1 LED-Dim actuator 6x210W




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### General Information

Extended Product Type	UD/S6.210.2.1
Product ID	2CKA006197A0049
EAN	4011395251881
Catalog Description	UD/S6.210.2.1 LED-Dim actuator 6x210W

Long Description

Multichannel universal dimming actuator optimised for dimming retrofit LED lamps (LEDi). Also suitable for dimming incandescent lamps, low-voltage halogen lights with conventional or electronic transformers, 230 V halogen lamps and dimmable energy-saving halogen lamps. Automatic load detection (can be deactivated). Separate N-connection per channel. Parallel connection of the outputs possible to increase the output power. Outputs can be connected in parallel in any configuration. Minimum load: 2 W. Manual operation on device also possible without bus voltage or in an unprogrammed status. Programming of the device also possible without applied 230V supply voltage. Extensive test and diagnosis functions for the i-Bus tool. Fast parameter setting in ETS using copyable channel templates. With integrated bus coupler. Nominal power at 230 V<sup>~</sup> mains voltage: 230 V<sup>~</sup> incandescent and halogen lamps: 6 x 210 W/VA to 1 x 800 W/VA. Dimmable 230 V<sup>~</sup> LEDi: 6 x 210 W/VA to 1 x 800 W/VA in trailing edge control, 6 x 80 W/VA to 1 x 240 W/VA in leading edge control. Inductive L-transformers with LED/low-voltage halogen lamp: 6 x 210 W/VA to 1 x 800 W/VA. Electronic C-transformers with LED/low-voltage halogen lamp: 6 x 210 W/VA to 1 x 800 W/VA. Electronic LC-transformers with LED/low-voltage halogen lamp: 6 x 80 W/VA to 1 x 240 W/VA.

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### Installation

Instructions and Manuals	2CKA000073B9628
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## Technical

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Data Sheet, Technical Information	No document needed
Data Sheet, Technical Information (Part 2)	2CKA001473B9659
Rated Voltage ( $U_r$ )	110 ... 230 V
Rated Operational Voltage	110...230 V
Auxiliary Voltage AC/DC	110 V AC/DC 230 V AC/DC
Rated Frequency (f)	50 ... 60 Hz
Number of Outputs	6
Compatible Bus Systems	KNX (TP)
Product Range	KNX
Load Type	Universal and LED Retrofit
Mounting Type	DIN-Rail
Model Number	Dimming actuator
Battery Weight	0 g
Application Function	Electrical Load and Light Control

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## Environmental

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Ambient Air Temperature	Operation -5 ... +45 °C
Degree of Protection	IP20
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Information	2CKA200000E4771
REACH Declaration	2CKA309999E9999
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

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## Dimensions

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Width in Number of Modular Spacings	8
Product Net Width	139.6 mm
Product Net Height	89.4 mm
Product Net Depth / Length	62.6 mm
Product Net Weight	459 g
Built-In Depth ( $t_2$ )	63.5 mm
Dimension Diagram	2CDC072027F0017

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## Certificates and Declarations

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Declaration of Conformity - CE	2CKA100000E2677
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## Classifications

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ETIM 8	EC001094 - Dimming actuator for bus system
ETIM 9	EC001094 - Dimming actuator for bus system
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	8538 90 91
eClass	V11.0 : 27143123

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## Categories

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Low Voltage Products and Systems → Building and Home Automation Solutions → KNX → Lighting Control → Universal Dim Actuators

