



PRODUCT-DETAILS

# UD/S2.315.2.1

## LED-Dim actuator 2x315W



General Information	
Extended Product Type	UD/S2.315.2.1
Product ID	2CKA006197A0053
EAN	4011395251928
Catalog Description	LED-Dim actuator 2x315W
Long Description	<p>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 groups. Minimum load: 2 W.</p> <p>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.</p> <p>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~ mains voltage: 230 V~ incandescent and halogen lamps: 2 x 315 W/VA to 1 x 500 W/VA. Dimmable 230 V~ LEDi: 2 x 315 W/VA to 1 x 500 W/VA in trailing edge control, 2 x 120 W/VA to 1 x 200 W/VA in leading edge control. Inductive L-transformers with LED/low-voltage halogen lamp: 2 x 315 W/VA to 1 x 500 W/VA.</p>

### Installation

Instructions and Manuals	2CKA001473B9659
Wiring Diagram	9AKK108469A8944
Mounting Type	DIN-Rail

## Environmental

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

## Technical

Data Sheet, Technical Information	2CKA001373B9659
Data Sheet, Technical Information (Part 2)	2CKA001473B9659
Number of Outputs	2
Compatible Bus Systems	KNX (TP)
Product Range	KNX
Transmission Standard	Twisted Pair Wiring
Terminal Type	Bus Connection

## Electrical

Rated Voltage (U <sub>r</sub> )	110 ... 230 V
Rated Operational Voltage	230 V
Auxiliary Voltage AC/DC	110 V AC/DC 230 V AC/DC
Rated Frequency (f)	50/60 Hz
Load Type	Universal and LED Retrofit LEDi Incandescent Lamp Halogen Lamp, High Voltage Halogen Lamp, Low Voltage

## Design

Color	light grey
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## Dimensions

Width in Number of Modular Spacings	4.0
Product Net Width	70 mm
Product Net Height	90 mm
Product Net Depth / Length	63.5 mm
Product Net Weight	216.5 g
Dimension Diagram	2CDC072033F0015

Engineering

EPLAN Data	9AAC189180_EPLAN
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Ordering

E-Number (Finland)	2814593
E-Number (Norway)	4544011
E-Number (Sweden)	1739493

Material Compliance

RoHS Declaration	2CKA200000E4773
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
REACH Declaration	2CKA309999E9999
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20250218
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer

Certificates and Declarations

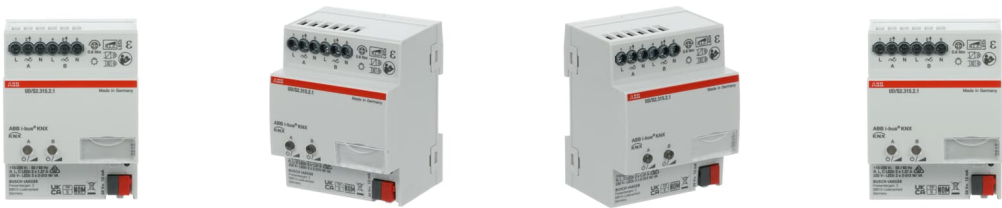
Cyber Security Software Support Period	2 year
Declaration of Conformity - CE	2CKA100000E3579
EU Data Act Applicability and Compliance	Applicable - Compliant
EU Data Act Compliance Declaration	9AKK108470A9399

External Classifications and Standards

ETIM 9	EC001094 - Dimming actuator for bus system
ETIM 10	EC001094 - Dimming actuator for bus system
eClass	V11.0 : 27143123
UNSPSC	39121801

Categories

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



360°