



PRODUCT-DETAILS

UD/S4.315.2.1

UD/S4.315.2.1 LED-Dim actuator 4x315W



| General Information | |
|-----------------------|---|
| Extended Product Type | UD/S4.315.2.1 |
| Product ID | 2CKA006197A0057 |
| EAN | 4011395251966 |
| Catalog Description | UD/S4.315.2.1 LED-Dim actuator 4x315W |
| 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. 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: 4 x 315 W/VA to 2 x 500 W/VA in trailing edge control, 4 x 120 W/VA to 2 x 200 W/VA in leading edge control. Dimmable 230 V~ LEDi: 4 x 315 W/VA to 2 x 500 W/VA in trailing edge control, 4 x 120 W/VA to 2 x 200 W/VA in leading edge control. Inductive L-transformers with LED/low-voltage halogen lamp: 4 x 315 W/VA to 2 x 500 W/VA. Electronic C-transformers with LED/low-voltage halogen lamp: 4 x 315 W/VA to 2 x 500 W/VA. Electronic LC-transformers with LED/low-voltage halogen lamp: 4 x 120 W/VA to 2 x 200 W/VA.</p> |

Installation

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|--------------------------|-----------------|
| Instructions and Manuals | 2CKA000073B9628 |
| Mounting Type | DIN-Rail |

Technical

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|--|--------------------|
| Data Sheet, Technical Information | No document needed |
| Data Sheet, Technical Information (Part 2) | 2CKA001473B9659 |
| Number of Outputs | 4 |
| Compatible Bus Systems | KNX (TP) |
| Product Range | KNX |
| Number of Batteries | 0 |

Electrical

| | |
|---------------------------------|----------------------------|
| Rated Voltage (U _r) | 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 |

Material Compliance

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|---|--|
| RoHS Information | 2CKA200000E4775 |
| 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 Reporting Template (CMRT) | 9AKK108468A3363 |

Environmental

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

Dimensions

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|-------------------------------------|-----------------|
| Width in Number of Modular Spacings | 8 |
| Product Net Width | 125 mm |
| Product Net Height | 96 mm |
| Product Net Depth / Length | 182 mm |
| Product Net Weight | 437 g |
| Built-In Depth (t ₂) | 63.5 mm |
| Dimension Diagram | 2CDC072027F0017 |

| Certificates and Declarations | |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 2CKA100000E3581 |

| Classifications | |
|-----------------|--|
| ETIM 9 | EC001094 - Dimming actuator for bus system |
| eClass | V11.0 : 27143123 |
| UNSPSC | 39121801 |
| 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 → KNX → Lighting Control → Universal Dim Actuators |

