



PRODUCT-DETAILS

UD/S4.210.2.1

LED-Dim actuator 4x210W



General Information	
Extended Product Type	UD/S4.210.2.1
Product ID	2CKA006197A0047
EAN	4011395251867
Catalog Description	LED-Dim actuator 4x210W
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 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~ mains voltage: 230 V~ incandescent and halogen lamps: 4 x 210 W/VA to 1 x 600 W/VA. Dimmable 230 V~ LEDi: 4 x 210 W/VA to 1 x 600 W/VA in trailing edge control, 4 x 80 W/VA to 1 x 200 W/VA in leading edge control. Inductive L-transformers with LED/low-voltage halogen lamp: 4 x 210 W/VA to 1 x 600 W/VA. Electronic C-transformers with LED/low-voltage halogen lamp: 4 x 210 W/VA to 1 x 600 W/VA. Electronic LC-transformers with LED/low-voltage halogen lamp: 4 x 80 W/VA to 1 x 200 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	4
Compatible Bus Systems	KNX (TP)
Product Range	KNX
Transmission Standard	Twisted Pair Wiring
Terminal Type	Bus Connection

Electrical

Rated Voltage (U _r)	110 ... 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
-------	------------

Dimensions

Width in Number of Modular Spacings	6.0
Product Net Width	105 mm
Product Net Height	90 mm
Product Net Depth / Length	63.5 mm
Product Net Weight	208 g
Dimension Diagram	2CDC072026F0017

Engineering

EPLAN Data

9AAC189180_EPLAN

Ordering

E-Number (Finland)	2814591
E-Number (Norway)	4544217
E-Number (Sweden)	1739490

Material Compliance

RoHS Declaration	2CKA200000E4769
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	2CKA100000E2617
Declaration of Conformity - UKCA	2CKA400000E0293
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

