



PRODUCT-DETAILS

DA/M.4.210.2.1

DA/M.4.210.2.1 Dim actuator 4x210W, MDRC



General Information

Extended Product Type	DA/M.4.210.2.1
Product ID	2CKA006220A0729
EAN	4011395251799
Catalog Description	DA/M.4.210.2.1 Dim actuator 4x210W, MDRC

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. With integrated bus coupler. Nominal power at 230 V[~] mains voltage: 230 V[~] incandescent and halogen lamps: 4 x 210 W/V/A to 1 x 600 W/V/A. Dimmable 230 V[~] LEDi: 4 x 210 W/V/A to 1 x 600 W/V/A in trailing edge control, 4 x 80 W/V/A to 1 x 200 W/V/A in leading edge control. Inductive L-transformers with LED/low-voltage halogen lamp: 4 x 210 W/V/A to 1 x 600 W/V/A. Electronic C-transformers with LED/low-voltage halogen lamp: 4 x 210 W/V/A to 1 x 600 W/V/A. Electronic LC-transformers with LED/low-voltage halogen lamp: 4 x 80 W/V/A to 1 x 200 W/V/A.

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. With integrated bus coupler. Nominal power at 230 V[~] mains voltage: 230 V[~] incandescent and halogen lamps: 4 x 210 W/V/A to 1 x 600 W/V/A. Dimmable 230 V[~] LEDi: 4 x 210 W/V/A to 1 x 600 W/V/A in trailing edge control, 4 x 80 W/V/A to 1 x 200 W/V/A in leading edge control. Inductive L-transformers with LED/low-voltage halogen lamp: 4 x 210 W/V/A to 1 x 600 W/V/A. Electronic C-transformers with LED/low-voltage halogen lamp: 4 x 210 W/V/A to 1 x 600 W/V/A. Electronic LC-transformers with LED/low-voltage halogen lamp: 4 x 80 W/V/A to 1 x 200 W/V/A.

Installation

Instructions and Manuals	2CKA000273B9698
Mounting Type	DIN-Rail

Environmental

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

Technical

Data Sheet, Technical Information	No document needed
Number of Outputs	4
Compatible Bus Systems	free@home (TP)
Product Range	free@home

Electrical

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
Load Type	Universal
Power Loss	2.3 W

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	207 g
Built-In Depth (t ₂)	58 mm
Dimension Diagram	2CDC072026F0017

Material Compliance

RoHS Information	2CKA200000E7921
RoHS Status	Following EU Directive 2011/65/EU
REACH Declaration	2CKA309999E9999
REACH Information	True - contains substances > 0.1 mass percentage
REACH Date	20230825
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Certificates and Declarations

Declaration of Conformity - CE	2CKA100000E2679
Declaration of Conformity - UKCA	2CKA400000E0321

Classifications

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

Categories

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

