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 PRODUCT-DETAILS

6586

## Dimmer MDRC 1.0 DU




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 General Information

Extended Product Type	6586
Product ID	2CKA006590A0190
EAN	4011395208496
Catalog Description	Dimmer MDRC 1.0 DU

## Long Description

Touch dimmer with local operation. Optimised for dimming of retrofit LED lamps (LEDi). For dimmable Retrofit-LEDs (LEDi). For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers. For incandescent lamps, 230V tungsten halogen lamps and low-voltage halogen lamps with conventional transformers or electronic transformers and dimmable halogen energy-saving lamps. Mix operation of LEDi with conventional loads possible. With the following functions: memory, snooze, wake-up, children's room, central off, cleaning light and time function. For staircase lighting control with automatic switch-off and warning function according to DIN 18015-2. Supports the adherence to the energy saving ordinance (EnEV 2014). Low-noise level by MOSFET transistors. With electronic short-circuit protection. With electronic overload protection. With manually adjustable operating mode: trailing / leading edge control. With adjustable minimum/maximum brightness. With light value storage. Operation also possible via conventional push buttons (2020 US, 2021/6 UK). Extension unit input for short switching pulses (push-button) and continuous contact (switch/timer). Extension unit input designed as wide voltage input (8-230 V AC/DC) galvanic isolation. Nominal power: 2 - 100 W/VA (retrofit LED loads). Nominal power: 10 - 200 W/VA (non-LED loads). Rated frequency: 50 Hz/60 Hz

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 Technical

Rated Voltage (U <sub>r</sub> )	230 V
Rated Control Supply Voltage (U <sub>s</sub> )	8 ... 230 V AC/DC
Auxiliary Voltage AC/DC	230 V AC/DC
Rated Frequency (f)	50 / 60 Hz
Power Loss	0.5 W
Power Watt	2...100 V·A
Actuator Type	Push button
Connection Type	Screw Clamp
Load Type	Universal and LED Retrofit
Mounting Type	DIN-Rail
Type of Fastening	Snapper Mounting
Surface Finishing	Untreated Matt
Material	Thermoplastic
RAL Number	Similar to RAL 7035
Color	grey
Application Function	Electrical Load and Light Control
Control Supply Voltage	8...230 V 230 V

## Material Compliance

RoHS Information	2CKA200000E5975
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20201020
REACH Declaration	2CKA309999E9999
REACH Information	True - contains substances > 0.1 mass percentage
REACH Date	20240705
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## Environmental

Ambient Air Temperature	Operation 0 ... +35 °C
Degree of Protection	IP20

## Dimensions

Width in Number of Modular Spacings	1.0
Product Net Width	18 mm
Product Net Height	74 mm
Product Net Depth / Length	65 mm
Product Net Weight	54 g

## Ordering

Package Level 1 Units	carton 1 piece
Package Level 1 Gross Weight	0.073 kg

## Certificates and Declarations

Declaration of Conformity	2CKA100000E1707
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### Installation

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Instructions and Manuals

DEBJE-6590-0-0190

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### Popular Downloads

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Data Sheet, Technical Information

No document needed

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### Classifications

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ETIM 8	EC000025 - Dimmer
ETIM 9	EC000025 - Dimmer
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	8536 50 80
eClass	V11.0 : 27144014

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### Categories

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Low Voltage Products and Systems → Wiring Accessories - StandAlone Electronics → Dimmer

