



PRODUCT-DETAILS

6586-500

Dimmer with Pushbutton, 2...100 V·A, 8 ... 230 V AC/DC, 1 modular spacing



General Information	
Extended Product Type:	6586-500
Product ID:	2CKA006590A0191
EAN:	4011395208519
Catalog Description:	Dimmer with Pushbutton, 2...100 V·A, 8 ... 230 V AC/DC, 1 modular spacing
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
Display Name:	6586-500

Installation

Instructions and Manuals:	DEBJE-6590-0-0191
Mounting Type:	DIN-Rail
Type of Fastening:	Snapper Mounting

Environmental

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

Technical

Data Sheet, Technical Information:	No document needed
Application:	Dimmable Retrofit-LEDs (LEDi)
Terminal Type:	Screw Terminals
Actuator Type:	Pushbutton

Electrical

Rated Voltage (U _r):	230 V
Rated Control Supply Voltage (U _s):	8 ... 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
Power Loss:	0.5 W Total 0.5 W
Power Watt:	2...100 V·A
Control Supply Voltage:	8...230 V

Design

Surface Finishing:	Untreated Matt
Material:	Thermoplastic
RAL Number:	Similar to RAL 7035
Color:	grey
Number of Modules:	1

Dimensions

Width in Number of Modular Spacings:	1
Product Net Width:	65 mm
Product Net Height:	74 mm
Product Net Depth / Length:	18 mm
Product Net Weight:	56 g
Dimension Diagram:	2CKA000097E0732

Ordering

E-Number (Finland):	2619399
E-Number (Norway):	1471303

Material Compliance

RoHS Declaration:	2CKA200000E5976
RoHS Information:	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
REACH Declaration:	2CKA309999E9999
REACH Information:	True - contains substances > 0.1 mass percentage
REACH Date:	20260216
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

Declaration of Conformity - CE:	2CKA100000E1708
EU Data Act Applicability and Compliance:	Not Applicable

External Classifications and Standards

ETIM 9:	EC000025 - Dimmer
ETIM 10:	EC000025 - Dimmer
eClass:	V11.0 : 27144014

Categories

Products > Low Voltage Products and Systems > Wiring Accessories - Electronic Devices > Dimmer DIN Rail > Complete Devices

