

# Eaton Smart LED dimmer

## A truly effective alternative to traditional dimmers



**No flickering**

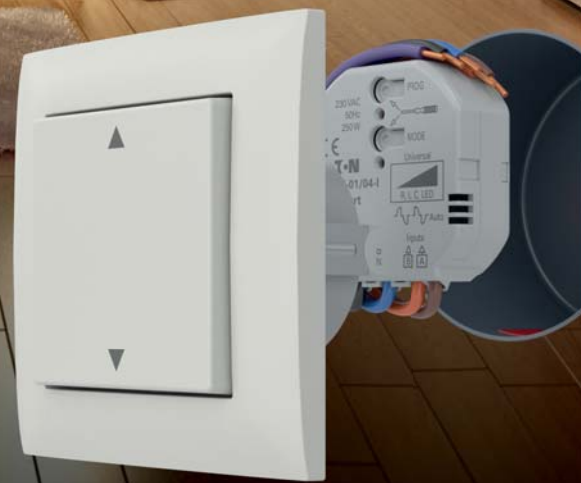


**No LED glow**



**No noise**

- For all dimmable light bulbs
- Dims even the smallest load
- Automatic phase cut (leading/trailing edge)
- Uses maximum dimming range
- Protect against short circuit, over load and overheating (auto recovery)
- Compatible with all pushbutton brands
- Easy installation & commissioning
- Extendable with wireless switches
- Preprogrammed dim profiles



Powering Business Worldwide

# A Smart Home in just three simple steps

## Install dimmers behind mechanical push buttons from a brand of choice

- Easy installation, retrofitted or in new builds due to smaller dimension in depth



or  
**Step 1**

## Install dimmers in a junction box and use wireless switch

- Easy installation, retrofitted or in new builds



## Step 2

### Add additional functions

- Control lights from multiple wireless switches, saving time and increasing flexibility
- Additionally control multiple lights from a single switch (e.g. light up an entire room with one push of a button)



Just place them wherever you need them, no installation required

## Step 3

### Add additional functions

- Automatically switch lights On and Off when you are not at home (presence simulation)
- Control your home with switches and your smart device
- Create & activate your preferred light scenes with the App
- Monitor & Control your home from anywhere using the App



Smart Home Controller

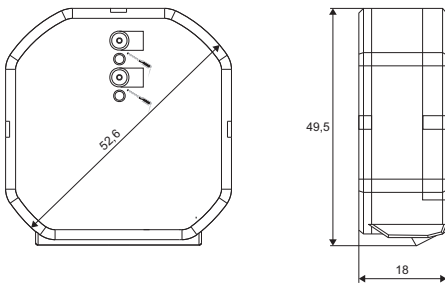
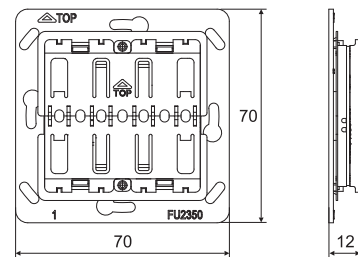


Control your lights manually, automatically or with your smart phone

Enhance your **peace of mind, energy savings** and **lifestyle** by further extending the system with **xComfort** at your own pace.

Smart dimming actuator, Binary input CDAU-01/04-I 182444	
Power Supply	230 VAC +10% -15%, 50Hz
Connections	Single-wired 1.5 mm <sup>2</sup> all connections
Load	0 – 250W (0 – 250VA)
	LED, ESL: 0 – 100W (depending on the lamp type)
Power Standby	325 mW
Measurement units	Degree of protection
Binary Input voltage	Maximum 265V
Input contact resistance IN to L	<10kΩ reliably ON, >50kΩ reliably OFF
Voltage difference IN to L	<1V reliably ON, >3V reliably OFF
Internal protection	Overload, overvoltage, temperature, auto recovery (load will be disconnected)
Pre-protection	Power circuit breaker 16A, characteristic C
Frequency	868,300 MHz
Type of transmission	Bi-directional, via coded telegrams
Indoor range	Typically 30 - 50 m, 2 walls + 1 ceiling (depending on wall thickness and material !!)
Function Assignments	32
Routing Paths	32
Degree of Protection	IP20
Degree of Soiling	2
Operating Temperature	-5 to +55°C
Size of the frame	HxWxD - 49.5 x 45.5 x 18 mm
Length of connection wires	150 mm
DIM Profiles	R/L/C Standard, LED 1, LED 2, LED 3, CFL/ESL, ON/OFF (Switching)

Single push-button complete, 55mm, gloss white RAL9010 CPAD-00/193 173411	
Power supply	3V via CR2450N battery
Number of rockers	1
Type of transmission	Bi-directional, via coded telegrams
Indoor range	Typically 30 - 50 m, 2 walls + 1 ceiling (depending on wall thickness, material, used rocker and frame !!)
Service life of the battery	Approx. 10 years (= battery life)
Degree of protection	IP20
Degree of soiling	2
Operating temperature	+5 to +45°C
Colour of the push-button base	similar to RAL7035
Colour of the the mounting plate	similar to RAL7035
Frequency	868,300MHz
Size of the mounting plate	HxWxD - 70 x 70 x 10 mm
Size of push-button base	HxWxD - 55 x 55 x 12.2 mm



## How to find the applicable dimming profile?

### Smart Dimmaktor, Basic Mode - simple change to the DIN profile

1) Start programming mode  
(< 0.5 sec.)



2) Test to find applicable profile  
(e.g. LED2 is not flickering)



3) Stop programming mode  
(< 0.5 sec.)



### Simple commissioning – just three clicks!

1) One click to start programming mode



2) Push corresponding RF push-button



3) Stop programming mode with one click





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