—

Electronic Controls

Busch-Rotary-Dimmer Electronic Controls white

Type: 6523 URCGL-84-104

Product ID: 2CKA006512A0357

GTIN: 4011395344101

LED dimmer With rotary control.
Two-way switch and soft-catch.
With N-terminal.
2- or 3-wire connection (neutral conductor not required).
Neutral conductor optionally connectable (recommended for the connection of low loads < 10 W/VA).
Without claws.
Very low installation depth: < 20 mm Without claws.
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, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable energy-saving halogen lamps.
Mix operaton of LEDi with conventional loads possible.
With manually adjustable operating mode: trailing / leading edge control.
With adjustable minimum/maximum brightness.
Low-noise level by MOSFET transistors.
With electronic short-circuit protection. With electronic overload protection.
With Impressivo cover plate.
Rated voltage: 230 V~, + 10% / - 10% Rated frequency: 50 Hz/60 Hz
Nominal power (L): 2 - 100 W/VA (leading-edge control)
Nominal power (R, C): 10 - 360 W/VA (trailing-edge control)
Nominal power (LEDi): 2 - 100 W/VA (leading-edge control)
Nominal power (LEDi): 2 - 200 W/VA (trailing-edge control)

—

—

Customer service
puh. +358 10 222 1999
contact.center@fi.abb.com

—

ABB Exchange
+358 10 22 11

Technical specification

Classification

Suitable for degree of protection (IP):	IP21

ETIM Data

ETIM Version:	ETIM-9.0
ETIM Class:	EC000025
Assembly arrangement:	Basic element with central cover plate
Method of operation:	Turn/push button
App control via Bluetooth:	No
Dimming phase cut-on:	Yes
Dimming phase cut-off:	Yes
Serial dimmer:	No
Type of load:	Universal and LED Retrofit
Substation input:	No
Light value memory:	Yes
Applicable with button:	No
Applicable with movement sensor:	No
Applicable with presence indicator:	No
Applicable with time switch/timer:	No
Applicable with transmission button:	No
Applicable with infrared button:	No
Minimum brightness controllable:	Yes
Mounting method:	Flush mounted (plaster)
Type of fastening:	Mounting with screw
Material:	Plastic
Material quality:	Thermoplastic
Halogen free:	No
Surface protection:	Untreated
Surface finishing:	Glossy

—
© ABB 2025
Business ID 0763403-0
www.installationmaterials.com

—
Customer service
puh. +358 10 222 1999
contact.center@fi.abb.com

—
ABB Exchange
+358 10 22 11

Page 2 of 3

Colour:	White
RAL-number (similar):	9016
Transparent:	No
Impact strength:	IK00
Nominal voltage:	230 V
Max. switching power LED:	360 W
Connection type:	Screwed terminal
Core cross section:	1...2.5 mm²
Device width:	71 mm
Device height:	71 mm
Device depth:	44 mm
Min. depth of built-in installation box:	20 mm
Compatible with Apple HomeKit:	No
Compatible with Google Assistant:	No
Compatible with Amazon Alexa:	No
IFTTT support available:	No