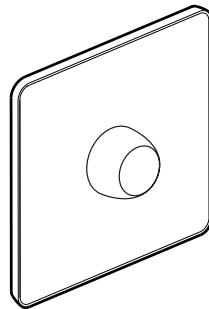


Synergy™

Rotary dimmer 300 W RLC + LEDs

Sleek design

Cat. No(s): 8 321 51 - 8 323 51 - 8 325 51



1. USE

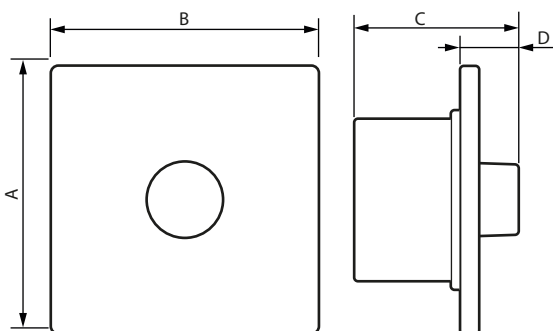
Lighting controls universal dimmers.
 Can be associated with one or several push-buttons, for ON/OFF or dimming control.
 Integrates memory level function: when switched ON, gradually (2 s) lights up at the level set before last switch OFF.
 Equipped with overvoltage and short-circuit protection.
 Complete delivered, with compact mechanisms for maximum wiring space and sleek design front plates.
 For flush-mounting, back box to be min. 47 mm deep.
 Fixing with screws.

2. RANGE

Push ON/OFF rotary universal dimmer - 1 gang

8 321 51	● Brushed stainless steel
8 323 51	● Polished stainless steel
8 325 51	● Glossy gold

3. OVERALL DIMENSIONS (mm)



Cat. Nos	A	B	C	D
8 321 51 - 8 323 51 - 8 325 51	86	86	57.5	17.5

4. CONNECTION

Type of terminals : with screws
 Terminal capacity: 2 x 2.5 mm²
 Stripping length: 8 mm
 Compatible with flexible or rigid cables

5. TECHNICAL CHARACTERISTICS

■ 5.1 Mechanical characteristics

Impact tests: IK 01
 Penetration by solid bodies/liquids: IP 20

■ 5.2 Material characteristics

Rocker and plate:
 - BSS: austenitic Brushed Stainless Steel - non magnetic - grade 304 L
 - PSS: Polished Stainless Steel + rust resistance
 - GG: Stainless Steel + rust resistance
 Mechanism housing: PC
 Knob: ABS
 Halogen free
 UV resistant

Self-extinguishing:

- + 850° C / 30 s for insulating parts holding live parts in place.
- + 650° C / 30 s for other parts made of insulating materials.

■ 5.3 Electrical characteristics

Voltage: 100 to 240 V~
 Frequency: 50/60 Hz
 Standby consumption: 0.2 W
 For all types of lamps:
 - dimmable LEDs: 5 W to 75W
 - dimmable compact fluorescent lamps: 5 W to 75 W
 - halogen with ferromagnetic or electronic transformer: 5 VA to 300 VA
 - fluorescent tube - ballast: 5 VA to 300 VA
 - halogen and incandescent 230 V: 5 W to 300 W

■ 5.4 Climatic characteristics

Storage temperature: - 10° C to + 70° C
 Use temperature: - 5° C to + 35° C

6. CLEANING

Clean the surface with a cloth.
 Do not use acetone, tar-removing cleaning agents or trichloroethylene.
 Resistance to the following cleaning substances:
 Hexane (EN 60669-1), Methylated spirit, Soapy water, Diluted ammonia, Diluted pure bleach 10%, Glass cleaning product.

Caution: An initial test is required for the use of other special maintenance products.

7. STANDARDS AND APPROVALS

Compliance with standards of installation and manufacturing.
 See e.catalogue.