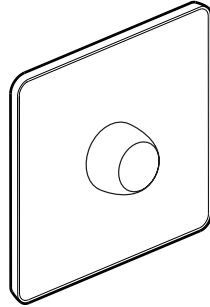


**Synergy™**  
**Rotary dimmers 1000 W**  
**Sleek design**

Cat. No(s): 8 321 50 - 8 323 50 - 8 325 50



**1. USE**

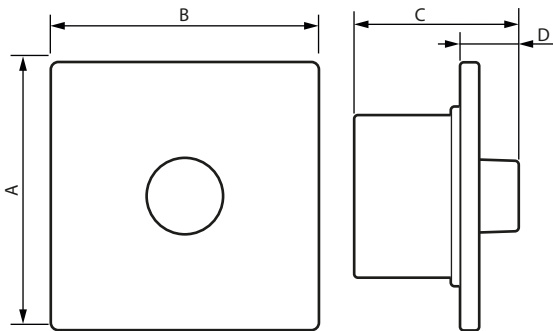
Push-ON/OFF rotary dimmers for controlling lighting devices.  
 Complete delivered, with compact mechanisms for maximum wiring space and slim front plates.  
 For flush-mounting, back box to be min. 47 mm deep.  
 Fixing with screws.

**2. RANGE**

**Push ON/OFF rotary dimmers 1000 W - 1 gang**

8 321 50	● Brushed stainless steel
8 323 50	● Polished stainless steel
8 325 50	● Glossy gold

**3. OVERALL DIMENSIONS (mm)**



Cat. Nos	A	B	C	D
8 321 50 - 8 323 50 - 8 325 50	86	86	55	18

**4. CONNECTION**

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

**4. CONNECTION**

Type of terminals : with screws  
 Terminal capacity: 2 x 2.5 mm<sup>2</sup>  
 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: 0.8 W  
 - 60 - 1000 W (230 V)  
 - 60 - 500 W (127 V) for incandescent and halogen lamps 60 - 600 VA (230 V)  
 - 60 - 300 VA (127 V) for halogen lamps with electronic transformers 60 - 100 VA (230 V)  
 - 60 - 500 VA (127 V) for halogen lamps with ferromagnetic transformers  
 Operates with most dimmable lamps available on the market. In view of the wide variety of such lamps and the absence of relevant standards, a prior test should be carried out to make sure lamps are compatible with the dimmer.

■ **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.