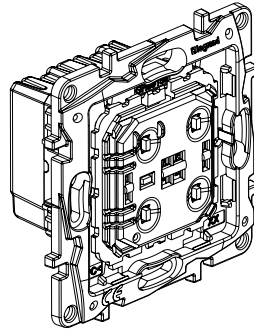


## Niloé™ Step Push-button dimmer

Cat. No(s): 8 640 18 - 8 641 18  
 8 643 18 - 8 645 18



8 640 18

### 1. USE

This offer allows the control and dimming of lamps from 20 to 400 W incandescent, halogen 230 V ~ and 20 to 400 VA halogen TBT per transformer electronic and also by ferromagnetic transformer for RLC drives.

Dimmer equipped with an on / off button and an independent button +/- for the variation.

Installation replacing a traditional switch.

Does not allow the variation of LED lamp and compact fluorescent lamps.

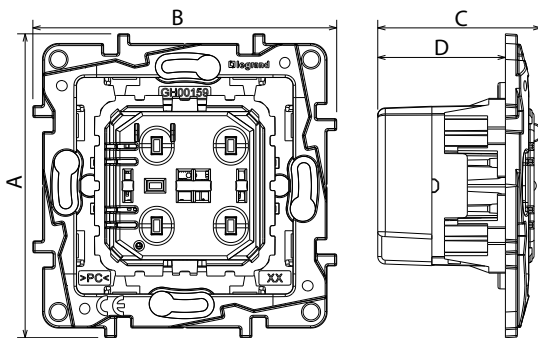
Flush-mounting or surface-mounting.

Screw or claw fixing.

### 2. RANGE

Description	Mechanism only	Mechanism + Cover plate	Cover plate only			
		White	White	Aluminium	Black	Stand
Push-button dimmer 400W - 250 V~	8 640 18	-	8 641 18	8 643 18	8 645 18	-

### 3. DIMENSIONS (mm)



References	A	B	C	D
8 640 18	75.8	75.8	41	32

### 4. CONNECTION

Type of terminals: screws

Capacity: 2 x 2.5 mm<sup>2</sup>

Stripping length (mm): 8mm

Flexible or rigid cables compatible

## 5. TECHNICAL CHARACTERISTICS

### ■ 5.1 Mechanical characteristics

Protection against solid bodies and liquids: IP 20  
 Protection against impact: IK 04

### ■ 5.2 Material characteristics

Material : - Mechanism housing: PC  
 - Rocker plate: ABS  
 - Halogen free  
 - UV resistant  
 - Claws: steel

Material of the support: - PC + FV  
 - Halogen free











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: 250 V~

Current:

 100 - 240 V 50/60 Hz	 2 x 2,5 mm <sup>2</sup>				
					
240 V	Max.	400 W	400 W	400 VA	400 VA
	Min.	20 W	20 W	20 VA	20 VA
100 V	Max.	200 W	200 W	200 VA	200 VA
	Min.	20 W	20 W	20 VA	20 VA

(\*) Use only transformers designed to operate with electronic switches.



Important: take into account the losses of the transformers in the calculation of the power.

Transformers must be loaded at more than 60% of their power.

Frequency: 50/60 Hz

### ■ 5.4 Climatic characteristics

Storage and use temperature: - 5° C to + 35° C

## 6. MAINTENANCE

Surface cleaning with a cloth.

Do not use: acetone, tar remover, trichloroethylene.

Maintenance with the following products: Hexane (EN 60669-1), Methylated spirit, Soapy water, Diluted ammonia, Bleach diluted to 10%, Window-cleaning products.

**Caution:** A preliminary test should be carried out if other specific cleaning products are to be used.

## 7. STANDARDS AND APPROVALS

Compliance with standards of installation and manufacturing.

Refer to e. catalogue.