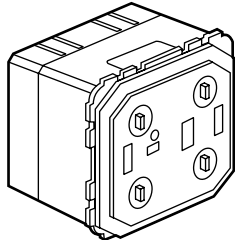
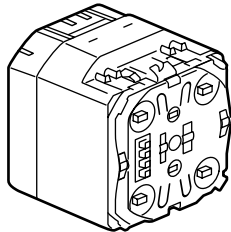


Céliane™
300-W dimmer

Cat. No(s): 670 81/85



670 81



670 85

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1. USE

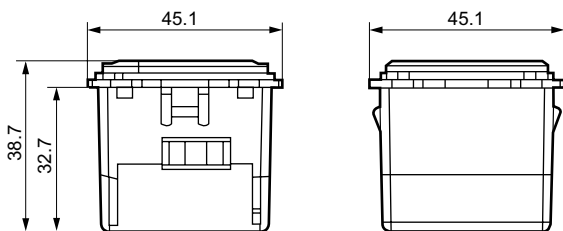
Dimmer switch for controlling lighting devices.
Dimmer switch with level memory for switching on with the same light intensity used before switching off or mains cut-off.

2. RANGE

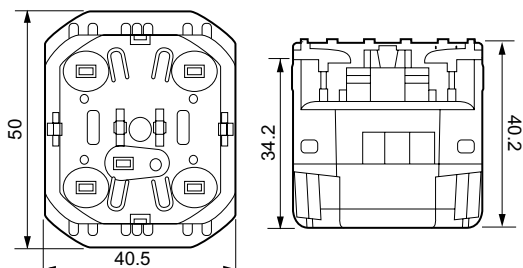
	Designation	Cat. No.	Weight (g)
	Dimmer 300 W	670 81	48
	Dimmer 300 W for consumption lamps and LEDs	670 85	63

3. OVERALL DIMENSIONS

• 670 81



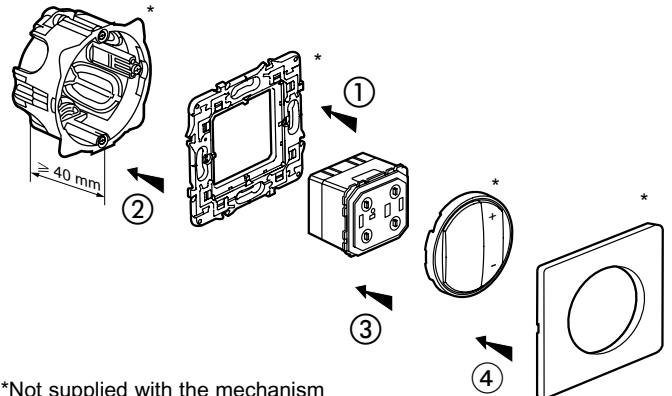
• 670 85



4. FITTING

Can be fitted with the full range of Céliane finishes.
Vertical and horizontal multi-gang mounting.

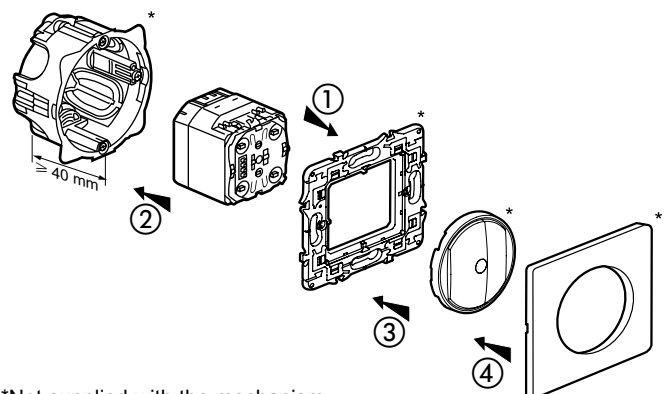
• 670 81



*Not supplied with the mechanism

- 1 - The mechanism is clipped to the support from the front.
- 2 - The mechanism/support assembly is screwed to the flush-mounting box.
- 3 - The rocker is clipped to the mechanism.
- 4 - The plate is clipped to the support.

• 670 85



*Not supplied with the mechanism

- 1 - The mechanism is clipped onto the support from the rear.
- 2 - The mechanism/support assembly is screwed to the flush-mounting box.
- 3 - The rocker is clipped to the mechanism.
- 4 - The plate is clipped to the support.

Céline™ 300-W dimmer

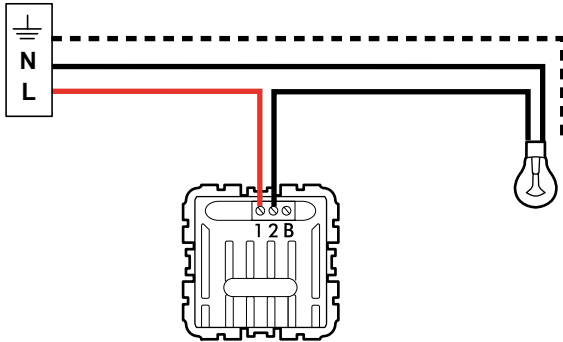
Cat. No(s): 670 81/85

5. CONNECTION

Number of terminals: 3
Terminal type: with screws
Terminal capacity: 2 x 1.5 mm² or 1 x 2.5 mm²
Tool: flat-blade screwdriver 3.5 mm

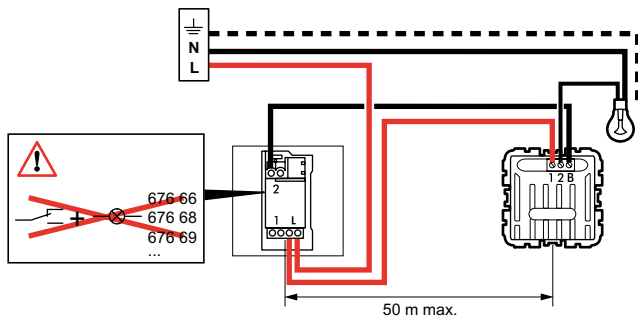
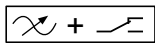
5.1 Connection of a lighting point in replacement of a switch

• 670 81



5.2 Connection only one way switch with a dimmer

• 670 81

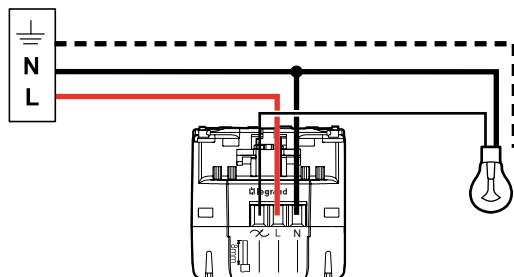


Caution:

Failure to strictly comply with the wiring diagrams, and failure to keep within the values indicated in the table (voltages, power, temperature, frequency, etc.) can destroy the device.

5.3 Connection of a lighting point

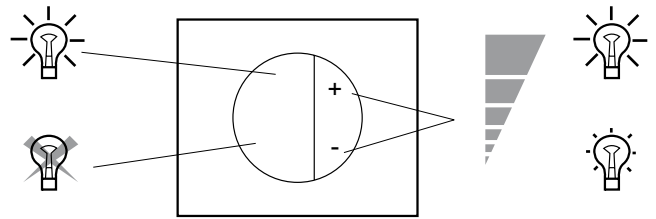
• 670 85



Caution:

Failure to strictly comply with the wiring diagrams, and failure to keep within the values indicated in the table (voltages, power, temperature, frequency, etc.) can destroy the device.

6. OPERATION



7. TECHNICAL DATA

7.1 Mechanical characteristics

Impact tests: IK 04
Penetration by solid/liquid bodies: IP 20 } no rocker

7.2 Material characteristics

Base + cover: Polycarbonate

7.3 Electrical characteristics

Self-extinguishing: 650° C / 30 s
Voltage: 100 / 240 VAC
Frequency: 50 - 60 Hz
Power values:

• 670 81 :

		①	②	③
		 100 - 240 V 50/60 Hz	 1 x 2.5 mm ² 2 x 1.5 mm ²	 Sun symbol
240 V	Max.	300 W	300 W	300 VA
	Min.	40 W	40 W	40 VA
100 V	Max.	150 W	150 W	150 VA
	Min.	20 W	20 W	20 VA

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

1 - Incandescent lamp

2 - Halogen lamp

3 - Halogen lamp with ferromagnetic transformer




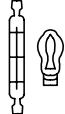

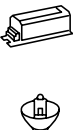
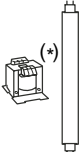
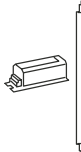










Céliane™ 300-W dimmer

Cat. No(s): 670 81/85

7. TECHNICAL DATA (continued)

Power values:

• 670 85 :

 100 - 240 V 50/60 Hz	 1 x 2.5 mm ² 2 x 1.5 mm ²	① 	② 	③  (*)	④ 	⑤  (*)	⑥ 	⑦  Dimmable	⑧ 
									
240 VAC	Max.	300 W	300 W	300 VA	300 VA	160 VA	160 VA	160 VA	160 VA
	Min.	40 W	40 W	40 VA	40 VA	16 VA	16 VA	8 VA	8 VA
100 VAC	Max.	150 W	150 W	150 VA	150 VA	80 VA	80 VA	80 VA	80 VA
	Min.	40 W	40 W	40 VA	40 VA	16 VA	16 VA	8 VA	8 VA

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

- 1 - Incandescent lamp
- 2 - Halogen lamp
- 3 - Halogen lamp with ferromagnetic transformer
- 4 - Halogen lamp with electronic transformer
- 5 - Fluorescent tube with ferromagnetic transformer
- 6 - Fluorescent tube with electronic transformer
- 7 - Dimmable compact fluorescent lamp
- 8 - LED lamp

7.4 Climatic characteristics

Storage temperature: - 10° C to + 60° C

Operating temperature: 0° C to + 35° C