

Dimmers

Description



MEC 21 Mechanism
Ref. 21210, 21211, 21213, 21214, 21215, 21216, 21217, 21219
Finishings - LOGUS 90 | APOLO 5000 | SIRIUS 70

Allows to adjust the luminous flux of one or more lamps.

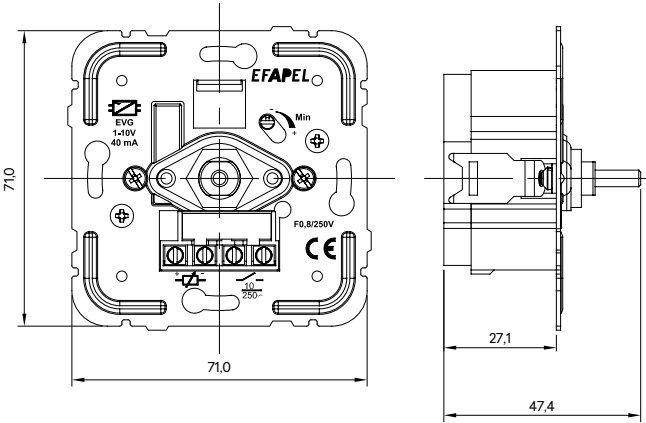
Characteristics

Reference		21210	21211	21213	21214	21215	21216	21217	21219
Rated voltage		230 V ~ / 50 Hz							
Regulation Type		1-10 V	LEADING EDGE	TRAILING EDGE	LEADING EDGE	TRAILING EDGE	LEADING EDGE	TRAILING EDGE	LEADING EDGE
Power	Minimum	-	20 W / VA	20 W / VA	7 W / VA 3 W (LED)	15 W / VA 3 W (LED)	20 W / VA 3 W (LED)	15 W / VA 5 W (LED)	25 W/VA
	Maximum	I _{control} ≤ 40 mA	500 W / VA	550 W / VA	110 W / VA 35 W (LED)	150 W / VA 50 W (LED)	250 W / VA 85 W (LED)	450 W / VA 150 W (LED)	600 W / VA
Switch Type		Switch	Two-way Switch	Two-way Switch	Two-way Switch	Two-way Switch	Two-way Switch	Two-way Switch	Two-way Switch
Connections		2,5 mm ²	2,5 mm ²	2,5 mm ²	2,5 mm ²	2,5 mm ²	2,5 mm ²	2,5 mm ²	2,5 mm ²
Fuse		F 0,8 A / 250 V	T 2 AH / 250 V	-	T 1 A / 250 V	-	T 2 AH / 250 V	-	F 2,5 A / 250 V

Operation

Rotary variation of luminous flux.
Press button for ON / OFF switching status.

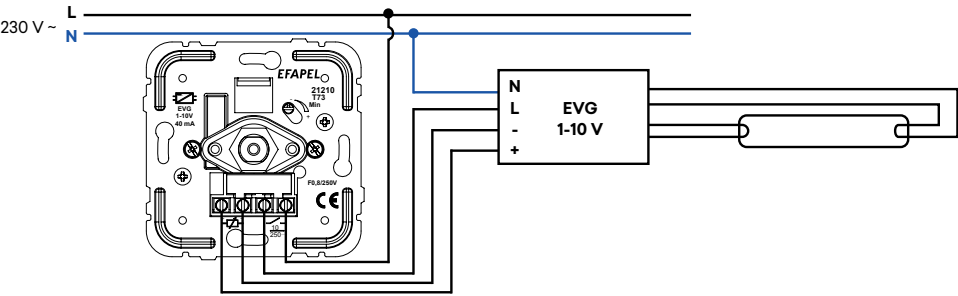
Dimensions (mm)



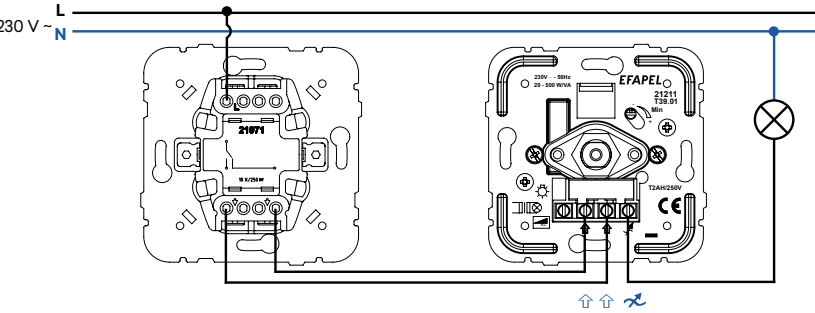
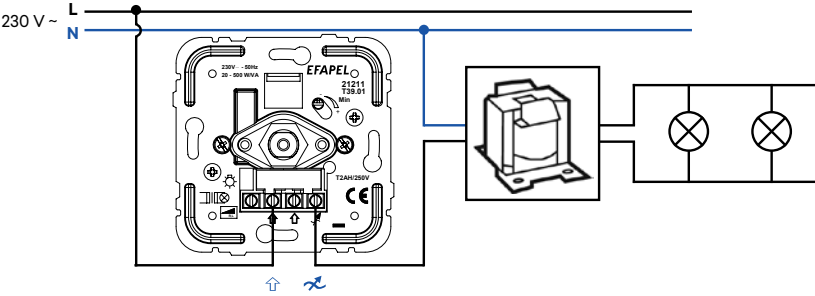
Dimmers

Wiring Diagrams

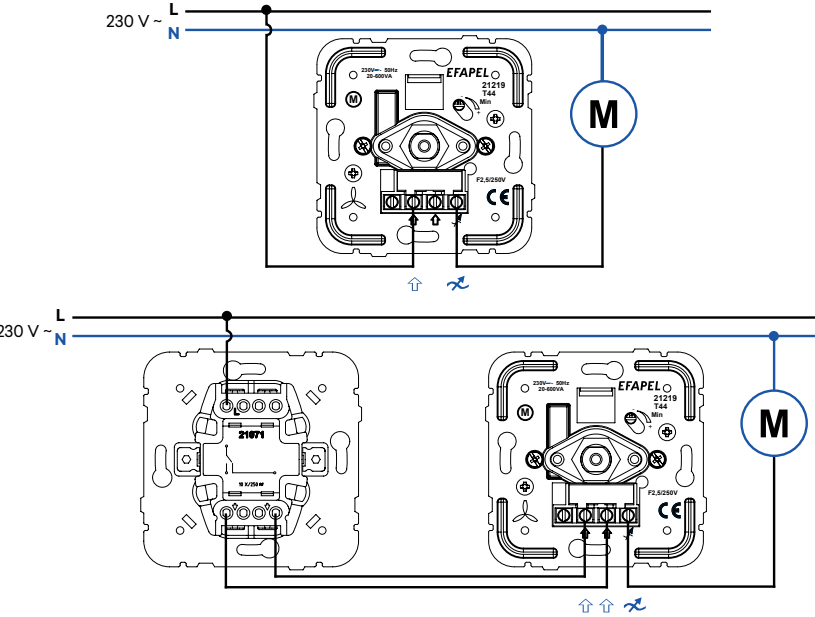
Ref. 21210



Ref. 21211 | 21213 | 21214 | 21215 | 21216 | 21217



Ref. 21219



Dimmer RLC Rotary

Description



MEC Q45 Mechanism

Ref. 45216 S

Finishings - QUADRA | SIZA | LATINA

No need for a neutral line (directly replaces a Single Pole Switch).

Compatible with RLC loads (R, RL and RC).

Memorizes last lighting level.

Allows to control at more than one point (switching circuit) with the use of rocker switches (NO).



Characteristics

Rated voltage: **100-240 V ~ | 50-60 Hz**

Consumption: **< 200 mW**

Operation temperature: **-10 °C to +45 °C**

Note:

Maximum number of recommended lamps for each circuit = 8 lamps.

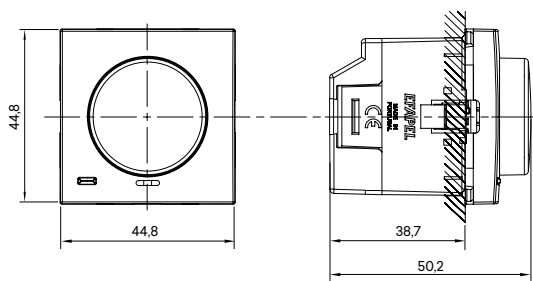
In the event of excessive load, short-circuit, inadequate current (dimnable lamps or a mixture of various types of dimnable lamps) - the frontal white LED will start flashing.

Operation

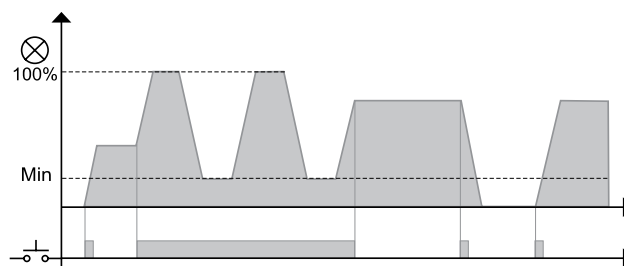
Allows to command ON / OFF and the regulation of the dimming of a lamp or set of lamps:

- Regulation of the dimming by rotation or through continuous pressure on the button;
- Short button press, switches ON/OFF position.

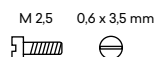
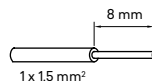
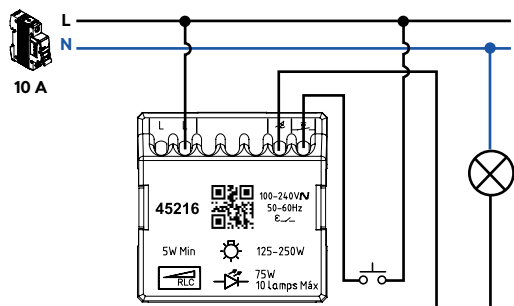
Dimensions (mm)



Operation Diagram (External Input)



Wiring Diagram



Dimmer RLC Switch

Description



MEC 21 Mechanism

Ref. 21218

Finishings - LOGUS 90 | APOLO 5000 | SIRIUS 70

MEC Q45 Mechanism

Ref. 45218 S

Finishings - QUADRA | SIZA | LATINA

No need for a neutral line (directly replaces a Single Pole Switch).

Compatible with RLC loads (R, RL and RC).

Allows to control at more than one point (switching circuit) with the use of rocker switches (NO).

Four backlight settings:

- Orienting Light - backlighting on with load disconnected and off with load connected;
- Pilot Lamp - backlighting off with load disconnected and on with load connected;
- ON Always - backlighting always on;
- OFF - backlighting off.



Characteristics

Rated voltage: **100-240 V ~ | 50-60 Hz**

Consumption: **< 200 mW**

Operation temperature: **-10 °C to +45 °C**

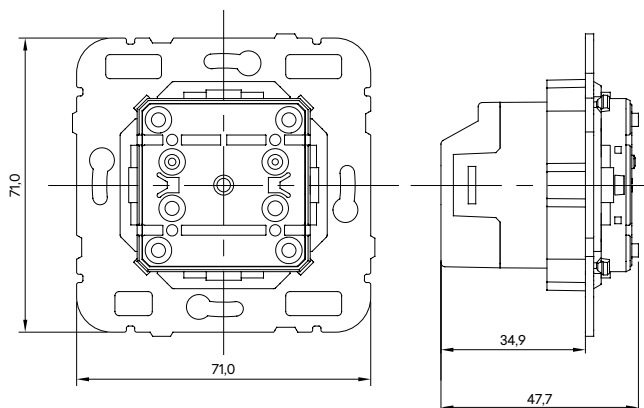
Notes:

Maximum number of recommended lamps for each circuit = 8 lamps;
In the event of excessive load, short-circuit, inadequate current (dimmable lamps or a mixture of various types of dimmable lamps) - the frontal white LED will start flashing.

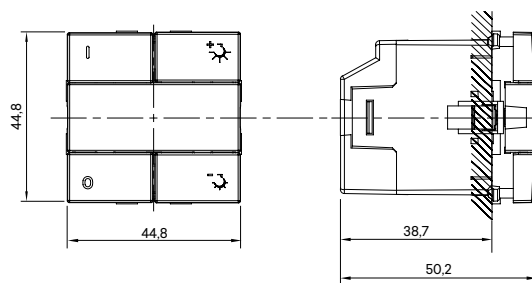
Operation

Allows to command ON / OFF and the regulation of the dimming of a lamp or set of lamps.

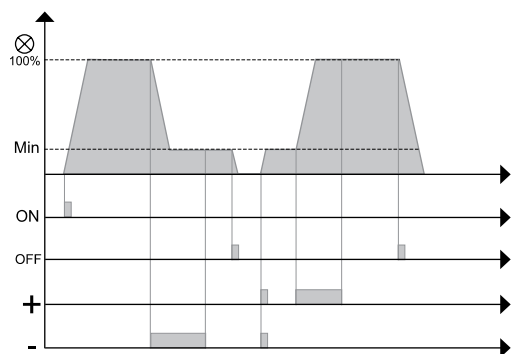
Dimensions MEC 21 (mm)



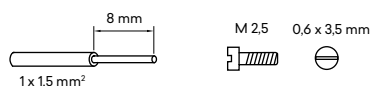
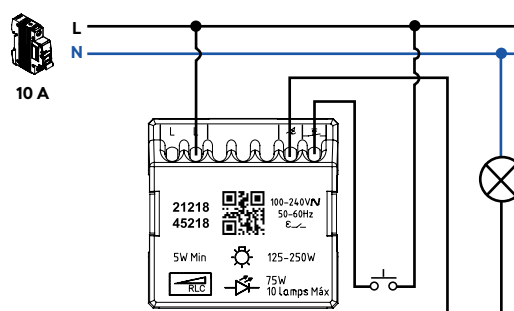
Dimensions MEC Q45 (mm)



Operation Diagram (External Input)



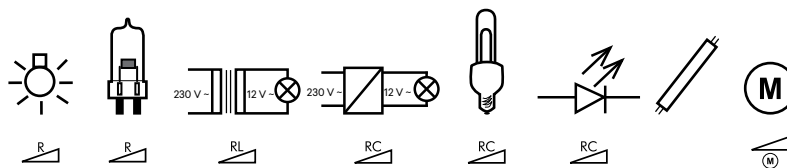
Wiring Diagram



Dimmers

Characteristics - Quick Choice General Table

maximum recommended loads



Ref.	Type	Voltage	Minimum	Maximum	Maximum	Maximum	Maximum	Maximum	Maximum	Maximum	Maximum	Maximum
21210	-	1-10 V	-	-	-	-	-	-	-	-	40 mA	-
21211	Phase-cut dimming in the Forward phase "Leading Edge"	RL	230 V ~ 50 Hz	20 W / VA	500 W	500 W	500 VA	-	-	-	-	-
21213	Phase-cut dimming in the Reserve phase "Trailing Edge"	RC	230 V ~ 50 Hz	20 W / VA	550 W	550 W	-	550 VA	-	-	-	-
21214	Phase-cut dimming in the Forward phase "Leading Edge"	RL	230 V ~ 50 Hz	7 W / VA 3 W (LED)	110 W	110 W	110 VA	-	110 W	35 W	-	-
21215	Phase-cut dimming in the Reserve phase "Trailing Edge"	RC	230 V ~ 50 Hz	15 W / VA 3 W (LED)	150 W	150 W	-	150 VA	150 W	50 W	-	-
21216	Phase-cut dimming in the Forward phase "Leading Edge"	RL	230 V ~ 50 Hz	20 W / VA 3 W (LED)	250 W	250 W	250 VA	-	250 W	85 W	-	-
45216 S	Intelligent - Phase-cut dimming in the Forward and Reserve phase "Leading Edge" and "Trailing Edge"	RLC	240 V ~ 50/60 Hz 100 V ~ 50/60 Hz	5 W 5 W	250 W 125 W	250 W 125 W	250 VA 125 VA	250 VA 125 VA	75 W 75 W	75 W 75 W	-	-
21217	Phase-cut dimming in the Reserve phase "Trailing Edge"	RC	230 V ~ 50 Hz	15 W / VA 5 W (LED)	450 W	450 W	-	450 VA	450 W	150 W	-	-
21218 45218 S	Intelligent - Phase-cut dimming in the Forward and Reserve phase "Leading Edge" and "Trailing Edge"	RLC	240 V ~ 50/60 Hz 100 V ~ 50/60 Hz	5 W 5 W	250 W 125 W	250 W 125 W	250 VA 125 VA	250 VA 125 VA	75 W 75 W	75 W 75 W	-	-
21219	Phase-cut dimming in the Forward phase "Leading Edge"	RL	230 V ~ 50 Hz	25 W / VA	600 W	600 W	-	-	-	-	-	600 VA

Note: Maximum number of recommended lamps for each circuit = 8 lamps.

Power reduction of the maximum power indicated on the dimmer in accordance with the ambient temperature

