

Mosaic™ Programme mechanisms

dimming control



Selection chart for boxes, supports and plates **p. 804-805**

All dimmer switches have separate buttons on the front face for switching on/off and for +/- dimming
 Can be remotely controlled via non-illuminated pushbuttons (p. 785), with each pushbutton able to perform the dimming function
 When switched on, lighten at the level set before last switched off
 For installation in flush-mounting box depth 40 mm min.

Pack	Cat.Nos	Dimmer switches 110-230 V~ - 50 Hz
1	2 modules 0 784 07	<p>All dimmer switches (except for Cat.No 0 784 05) can be used as two-way switches in combination with a switch (p. 784)</p> <p>Universal dimmers Without neutral, 2 wires Push-button dimmer for all types of lamps : - dimmable LEDs: 75 W (10 lamps max.) - dimmable compact fluorescent lamps: 75 W (10 lamps max.) - halogen with transformer: 400 VA - fluorescent tube: 200 VA - halogen 230 V and incandescent: 400 W Can be associated with one or several push-buttons without neon, for ON/OFF or dimming control Lights come on again at the same lighting level as before they were last switched off</p> <p>Dimmer 600 W For controlling lamps: see opposite Status memory function. Can be controlled (on/off/dimming) via one or more pushbuttons</p> <p>With neutral, 3-wire, 1000 W For controlling lamps: see opposite 5 LEDs displaying the current level of the circuit</p> <p>○ White ● Alu</p>
1	0 792 07	
1	0 784 05	○ White
1	5 modules 0 784 02	○ White finish cover plate
1	2 modules 0 784 04	<p>Dimmer switch 0-10 V For controlling lamps: see opposite</p> <p>○ White</p>
1	2 modules 0 784 10	<p>Auxiliary control unit for DIN dimmer Remote control dimming peripheral for local control of a remote control dimmer, with the same easy operation as a conventional dimmer A power supply Cat.No 0 036 80 is required for controlling DIN-rail modular remote control dimmers Cat.Nos 0 036 60/71 (p. 78)</p>

Mosaic™ Programme

color-lighting management



Pack	Cat.Nos	Color-lighting dimmers
1	0 784 03	<p>Allow the user to create lighting ambiances For (LEDs) DALI ballasts and drivers For controlling max. 21 RGB (Red/Green/Blue) luminaires Configuration via "learn" button Ideal for show-rooms, shops, restaurants, hotels, beauty salons... Work with power supply Cat.No 0 035 15 White</p> <p>Dimmer - 1 area Allows manual change of colors</p>
1	0 488 60	<p>Touch dimmer - 1 to 4 areas Allows the creation of up to 4 lighting ambiances in up to 4 areas Multicolor dimming Light adjustments: - colors: via touch chromatic circle - intensity: via bargraph</p> <p>Supplied with support For installation in 2-module flush-mounting box depth 50 mm</p>
1	0 035 15	<p>DALI power supply For installation in false ceiling Works with color-lighting dimmers Cat.Nos 0 784 03 and 0 488 60 230 V - 250 mA - 16 V=</p>

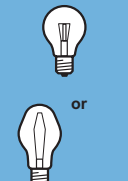

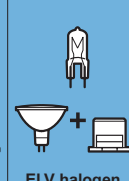
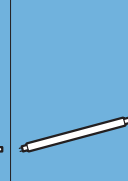
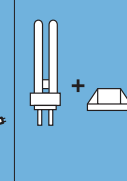
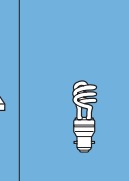
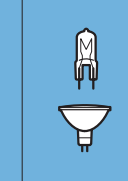
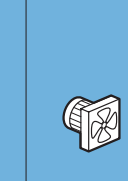
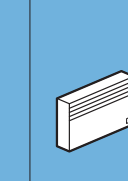
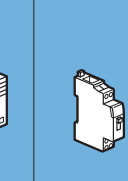
Lighting management solutions,
p. 590-592



Mosaic™ Programme mechanisms

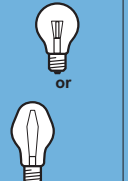
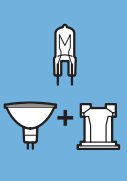
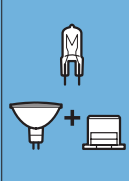
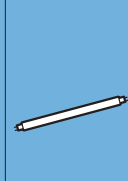
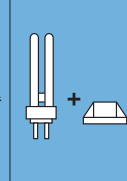
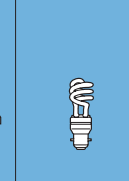
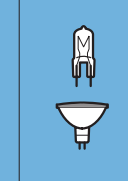
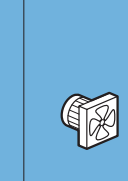
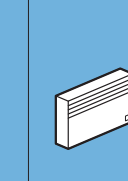
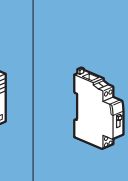
maximum loads

Switches and dimmers maximum loads at 230 V~

Cat.Nos	 Incandescent or halogen lamps	 ELV halogen with ferromagnetic transformer	 ELV halogen or compact fluorescent or LED with electronic transformer	 Fluorescent tube	 LED or fluorescent load with 1-10 V~ electronic ballast	 Compact fluorescent and dimmable compact fluorescent bulb	 LED bulb	 Motor	 Backup heating system	 Contactor
Sensitive switches										
0 766 66	1000 W	500 VA	500 VA	500 VA	-	500 VA	-	100 VA	1000 W	I max ≤ 2 A
Dimmer switches										
0 784 02	100 W 1000 W	100 VA 1000 VA	100 VA 1000 VA	-	-	-	-	-	-	-
0 784 04	-	-	-	-	40 VA 600 VA	-	-	-	-	-
0 784 05	40 W 600 W	40 VA 600 VA	-	-	-	-	-	-	-	-
0 784 07 0 792 07	3 W 400 W	3 VA 400 VA	3 VA 400 VA	3 VA 200 VA	-	3 W 75 W (10 lamps maxi)	3 W 75 W (10 lamps maxi)	-	-	-
Switch sensors										
0 784 53 0 792 53 0 784 55 0 792 59	40 W 400 W	40 VA 400 VA	40 VA 400 VA	-	-	-	20 VA 400 VA ⁽²⁾	-	-	-
0 784 52 0 792 52 0 784 54 0 792 58	2000 W	1000 VA	1000 VA	10 x (2 x 36 W)	-	250 VA	500 VA	-	2000 W	I max ≤ 2 A
Timer switch										
0 784 20	1000 W	400 VA	400 VA	-	-	-	-	250 VA	1840 W	-
Programmable time switch										
0 784 25	1200 W	1800 VA	2300 VA	-	-	100 VA ⁽¹⁾	-	1800 VA	-	-
Touch switch										
0 787 09	1000 W	500 VA	500 VA	500 VA	-	500 VA	500 VA	100 VA	1000 W	I max ≤ 2 A

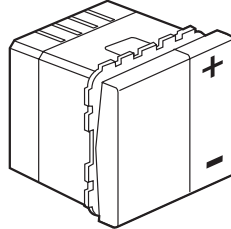
1: Does not work with dimmable compact fluorescent bulb
2: Works with dimmable LED bulbs

Compatibility of switches with light indicator (without neutral)

Cat.Nos	 Incandescent or halogen lamps	 ELV halogen with ferromagnetic transformer	 ELV halogen with electronic transformer	 Fluorescent tube	 Compact fluorescent and dimmable compact fluorescent bulb	 Fluorescent load with 1-10 V~ electronic ballast	 LED bulb	 Motor	 Backup heating system	 Contactor
Indicator light										
0 676 66	YES	YES	YES	NO	NO	NO	NO	YES	YES	NO
Illuminated supports										
0 802 60 0 802 57 0 802 58	YES	YES	YES	NO	NO	NO	NO	YES	YES	NO

Mosaic™ Dimmer switch, 600 W

Cat. No(s): 784 05



1. GENERAL CHARACTERISTICS

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.

Cat. No.	240 V		100 V		Use	
	Max.	Min.	Max.	Min.		
784 05	600 W	40 W	300 W	20 W		Incandescent lamp
	600 W	40 W	300 W	20 W		230 V halogen lamps
	600 VA	40 VA	300 VA	20 VA		Halogen lamp with ferromagnetic transformer

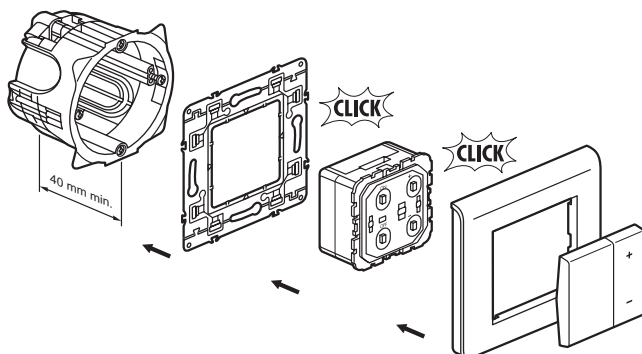
Don't work with: **Halogen lamp with electronic transformer**

2. RANGE

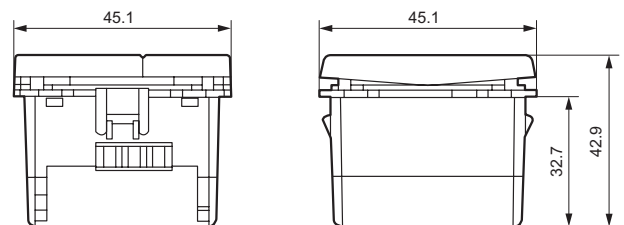
	Designation	Cat. No.	Modules	Connection method	Weight (g)
	Remote-control dimmer switch 600 W	784 05	2 modules	Cage-type	56

3. PREPARATION

The mechanisms can be flush-mounted or surface-mounted. Modular mechanisms using adapter Cat. No. 802 99 (2 modules). The mechanisms are mounted on thin walls using adapter Cat. No. 802 91 (2 modules).



4. OVERALL DIMENSIONS

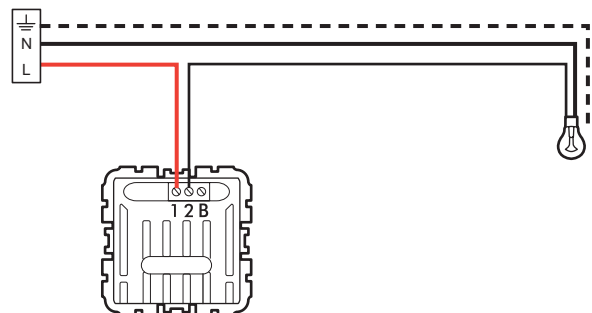


5. CONNECTION

Number of terminals	3
Terminal type	Cage-type connector
Terminal capacities	2 x 1.5 mm ² or 1 x 2.5 mm ²
Tool	3.5 mm flat-blade screwdriver or Philips No. 1 or posidrive No. 1 or mixed size 0

Wiring:

5.1 Connection of one lighting point (factory configuration)



Dimmer switch, 600 W

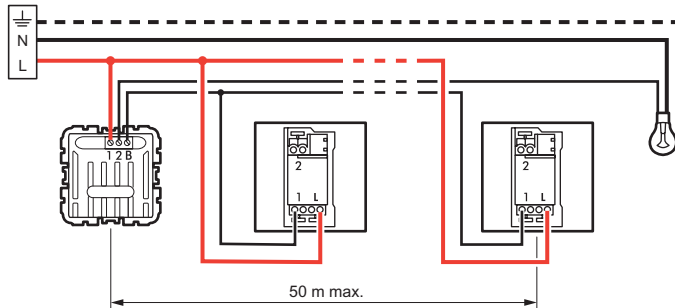
5. CONNECTION (cont'd)

5.2 Connection of several lighting points

By combining NO pushbutton (two-way switch function with light dimming from all control points).

Use of the pushbutton connected to the dimmer switch:

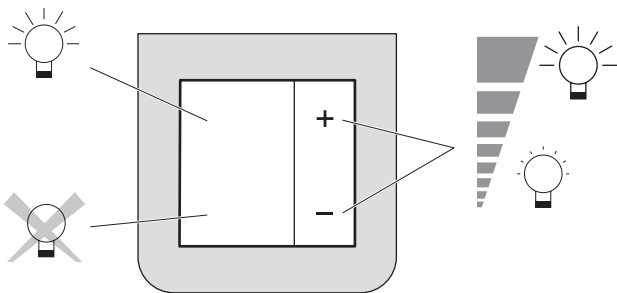
- a short press to switch on/switch off (< 2 s)
- a long press for the dimming function (> 2 s).



Important :

The dimmer switch includes a «remote control switch» function that is incompatible with an installation that already contains remote control switches and pushbuttons.

6. OPERATION



7. TECHNICAL CHARACTERISTICS

7.1 Mechanical characteristics

Impact tests: IK 02

Penetration by solid bodies/liquid: IP 20

7.2 Material characteristics

Base + cover: Polycarbonate

Rockers: ABS (RAL 9003)

7.3 Electrical characteristics

Self-extinguishing: 650°C/30 s

Tension : 100/240 V

Voltage: 2.5 A

Frequency: 50/60 Hz

7.4 Climatic characteristics

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

Operating temperatures: 0°C to + 35°C

8. CLEANING

Surface cleaning with a cloth.

Do not use: acetone, tar remover, trichloroethylene

8.1 Resistance to cleaning agents

Resistance to the following agents : Hexane (EN 60669-1), Methylated spirits, Soapy water, Diluted ammonia, Diluted pure bleach 10%, Glass cleaning substance, Pre-impregnated wipes.

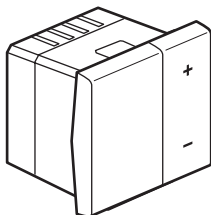
8.2 Resistance to hospital-type cleaning agents

Resistance to the following agents: Anios, Surfanios, Bactylisine, Diluted hydrogen peroxide (35%).

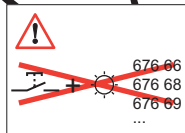
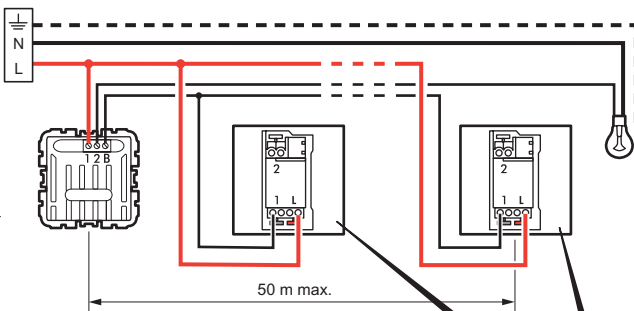
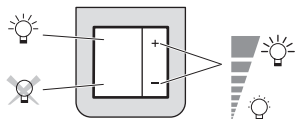
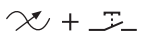
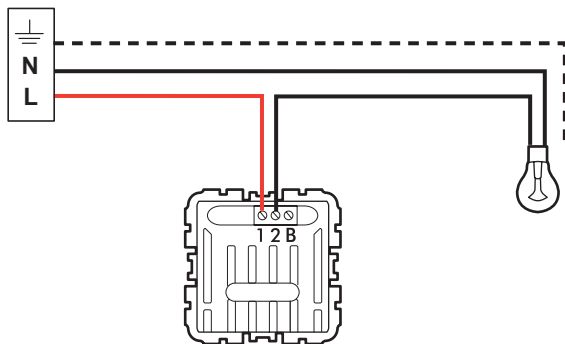
Caution: A preliminary test should be carried out if other specific cleaning products are to be used.

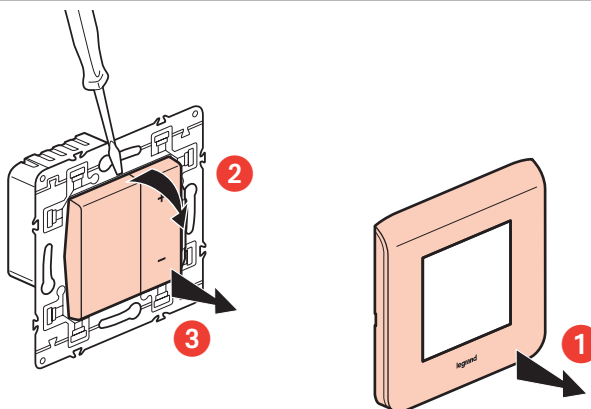
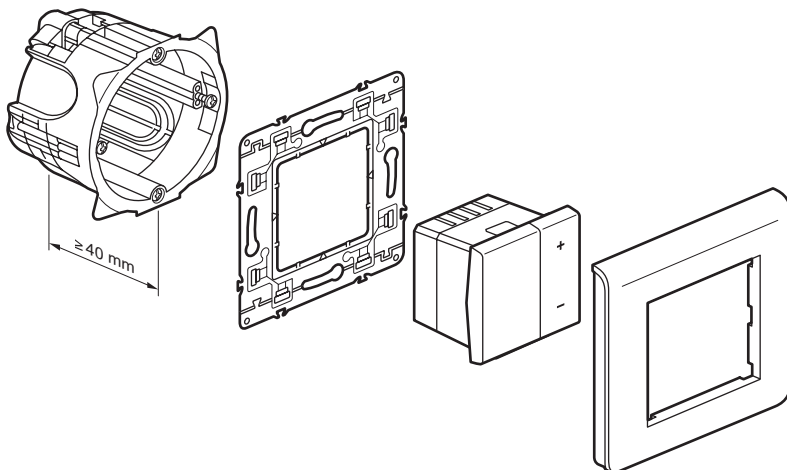
9. CONFORMITY - APPROVALS

Approvals in process: NF - BBJ - VDE - GOST



<p>100-240 V 50/60 Hz</p>	<p>1 x 2,5 mm² 2 x 1,5 mm²</p>			
240 V	Max.	600 W	600 W	600 VA
	Min.	40 W	40 W	40 VA
100 V	Max.	300 W	300 W	300 VA
	Min.	20 W	20 W	20 VA





⚠ Consignes de sécurité

(FR)

Ce produit doit être installé de préférence par un électricien qualifié. Une installation et une utilisation incorrectes peuvent entraîner des risques de choc électrique ou d'incendie. Avant d'effectuer l'installation, lire la notice, tenir compte du lieu de montage spécifique au produit.

Ne pas ouvrir l'appareil. Tous les produits Legrand doivent exclusivement être ouverts et réparés par du personnel formé et habilité par LEGRAND. Toute ouverture ou réparation non autorisée annule l'intégralité des responsabilités, droits à remplacement et garanties. Utiliser exclusivement les accessoires d'origine.

⚠ Veiligheidsvoorschriften

(NL)

Dit product moet bij voorkeur door een vakbekwame elektricien geïnstalleerd worden. Bij een onjuiste installatie en een onjuist gebruik bestaat het risico van elektrische schokken of brand. Lees alvorens de installatie uit te voeren de handleiding door en houd rekening met de specifieke montageplaats van het product.

Het apparaat niet openen. Alle Legrand producten mogen uitsluitend geopend en gerepareerd worden door personeel dat door Legrand is opgeleid en bevoegd verklaard. In geval van ongeoorloofd openen of repareren kan geen enkele aansprakelijkheid aanvaard worden, vervalt het recht op vervanging en zijn de garanties niet meer geldig. Gebruik uitsluitend originele accessoires.

⚠ Safety instructions

(GB)

This product should be installed preferably by a qualified electrician. Incorrect installation and use can entail risk of electric shock or fire. Before carrying out the installation, read the instructions and take account of the product's specific mounting location.

Do not open up the device. All Legrand products must be exclusively opened and repaired by personnel trained and approved by LEGRAND. Any unauthorised opening or repair completely cancels all liabilities and the rights to replacement and guarantees. Only use genuine accessories.

⚠ Sicherheitshinweise

(DE)

Dieses Produkt darf nur durch eine Elektro-Fachkraft eingebaut werden. Bei falschem Einbau bzw. Umgang besteht das Risiko eines elektrischen Schlags oder Brandes.

Vor der Installation die Bedienungsanleitung lesen, den produktspezifischen Montageort beachten. Das Gerät nicht öffnen. Alle Produkte von Legrand dürfen ausschließlich von durch Legrand geschultem und anerkanntem Personal geöffnet und repariert werden. Durch unbefugte Öffnung oder Reparatur erlöschen alle Haftungs-, Ersatz- und Gewährleistungsansprüche. Ausschliesslich Originalzubehör der Marke Legrand verwenden.

⚠ Medidas de seguridad

(ES)

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