87045 LIMOGES Cedex
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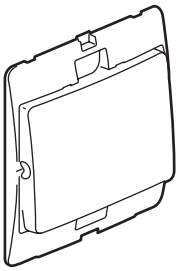
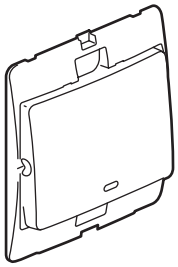
Mallia™
10 AX switches dressable colour

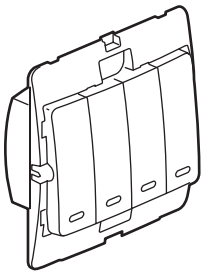
Cat. No(s).: 2 830 00/01/02/03/04/05/06/07/08/09/10/11/12/13/14/15/16/17
2 832 00/01/02/03/04/05/06/07/08/09/10/11/12/13/14/15/16/17
2 834 00/01/02/03/04/05/06/07/08/09/10/11/12/13/14/15/16/17



2 830 00/01/08
2 832 00/01/08
2 834 00/01/08



2 830 09/10/11
2 832 09/10/11
2 834 09/10/11



2 830 16/17
2 832 16/17
2 834 16/17

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1. USE

General lighting control mechanisms with or without marking elements (indicator, light, label holder).

2. RANGE

	Designation	Finishes			Connection method	Weight (g)	Characteristics
		Silver	Pearl	Dark silver			
	1-gang switch 1-way	2 830 00	2 832 00	2 834 00	with screws	44	10 AX - 250 VAC
	1-gang switch 2-way	2 830 01	2 832 01	2 834 01	with screws	48	10 AX - 250 VAC
	2-gang switch 1-way	2 830 02	2 832 02	2 834 02	with screws	61	10 AX - 250 VAC
	2-gang switch 2-way	2 830 03	2 832 03	2 834 03	with screws	69	10 AX - 250 VAC
	3-gang switch 1-way	2 830 04	2 832 04	2 834 04	with screws	76	10 AX - 250 VAC
	3-gang switch 2-way	2 830 05	2 832 05	2 834 05	with screws	87	10 AX - 250 VAC
	4-gang switch 1-way	2 830 06	2 832 06	2 834 06	with screws	96	10 AX - 250 VAC
	4-gang switch 2-way	2 830 07	2 832 07	2 834 07	with screws	110	10 AX - 250 VAC
	1-gang switch Intermediate	2 830 08	2 832 08	2 834 08	with screws	70	10 AX - 250 VAC
	1-gang switch Intermediate with illuminated lens	2 830 09	2 832 09	2 834 09	with screws	73	10 AX - 250 VAC
	1-gang switch 1-way with illuminated lens	2 830 10	2 832 10	2 834 10	with screws	46	10 AX - 250 VAC
	1-gang switch 2-way with illuminated lens	2 830 11	2 832 11	2 834 11	with screws	51	10 AX - 250 VAC

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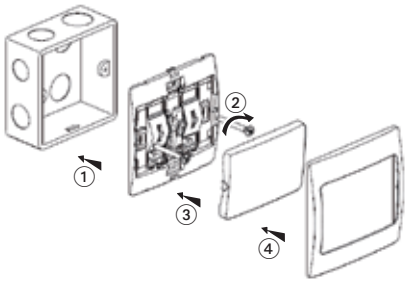
2 832 00/01/02/03/04/05/06/07/08/09/10/11/12/13/14/15/16/17
2 834 00/01/02/03/04/05/06/07/08/09/10/11/12/13/14/15/16/17

2. RANGE *(continued)*

	Designation	Finishes			Connection method	Weight (g)	Characteristics
		Silver	Pearl	Dark silver			
	2-gang switch 1-way with illuminated lens	2 830 12	2 832 12	2 834 12	with screws	63	10 AX - 250 VAC
	2-gang switch 2-way with illuminated lens	2 830 13	2 832 13	2 834 13	with screws	73	10 AX - 250 VAC
	3-gang switch 1-way with illuminated lens	2 830 14	2 832 14	2 834 14	with screws	79	10 AX - 250 VAC
	3-gang switch 2-way with illuminated lens	2 830 15	2 832 15	2 834 15	with screws	90	10 AX - 250 VAC
	4-gang switch 1-way with illuminated lens	2 830 16	2 832 16	2 834 16	with screws	98	10 AX - 250 VAC
	4-gang switch 2-way with illuminated lens	2 830 17	2 832 17	2 834 17	with screws	113	10 AX - 250 VAC

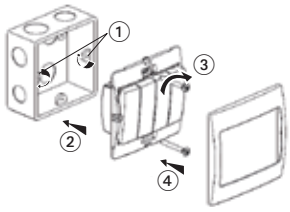
3. PREPARATION

3.1 General preparation (1G, 2G, 3G switches)



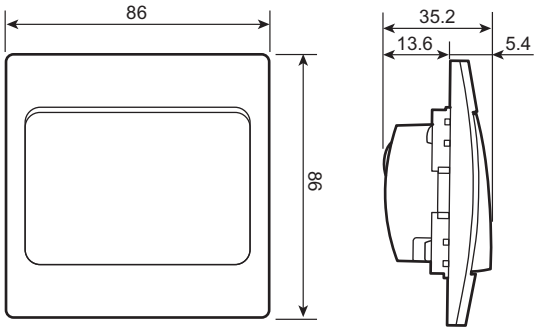
3.2 Preparation with 4G switches

WARNING: Left right lugs must be folded



Plastic 4 lugs box

4. OVERALL DIMENSIONS



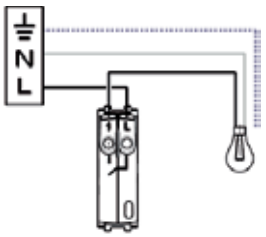
Profile size: 86 x 86
Distance of installation hole: 60.3 mm

5. CONNECTION

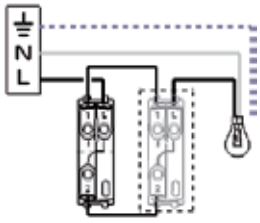
5.1 Terminals

Terminal capacity: 4 x 1 mm²
4 x 1.5 mm²
2 x 2.5 mm²
1 x 4 mm²
Recommended screwdriver size: 4 mm flat blade
Recommended terminal lightening torque: 0.5 Nm
Stripping length: 12 mm

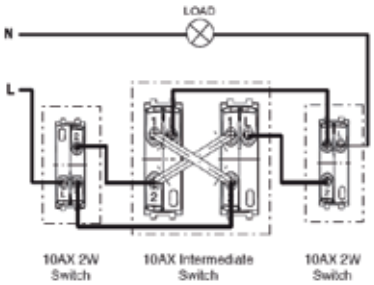
5.2 Circuit diagrams



1-way switch



2-way switch

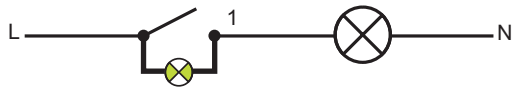


Intermediated switch

5. CONNECTION *(continued)*

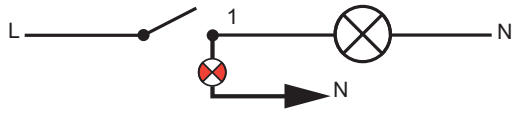
5.2 Circuit diagrams *(continued)*

Wiring of LED:
1. 1-way locator (green LED

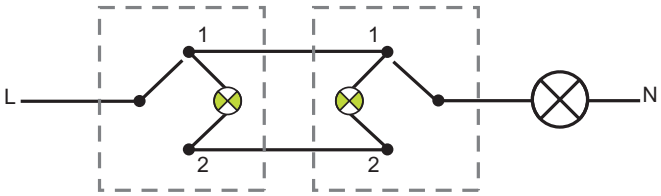


Warning: Don't use red LED with this connecting mode

2. 1-way indicator (red LED)

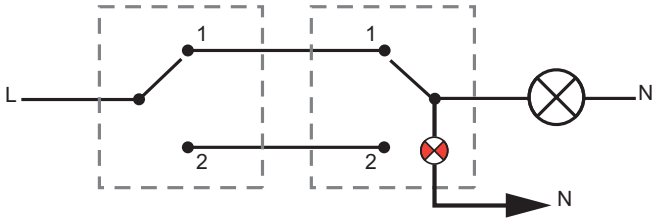


3. 2-way locator (green LED)



Warning: Don't use red LED with this connecting mode

4. 2-way indicator (red LED)



6. OPERATION

Switch mechanism (handling force 2.6 to 3.5 N).

7. TECHNICAL CHARACTERISTICS

7.1 Mechanical characteristics
Impact tests: IK04
Protection against liquids: IP41

7.2 Material characteristics
Rocker: Polycarbonate
Support: Polycarbonate
Base: Polypropylene

7.3 Electrical characteristics
Self-extinguishing: 650°C / 30 s
Voltage: 250 VAC
Current: 10 A

7.4 Climatic characteristics
Storage temperatures: - 10°C to + 70°C
Operating temperatures: - 5°C to + 50°C

8. CLEANING

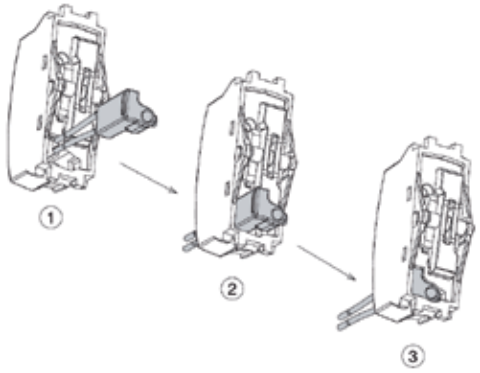
Surface cleaning with a soft, slightly damp cloth.
Do not use: acetone, tar remover, trichloroethylene.

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

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

9. ACCESSORIES

9.1 Lamps for locator or indicator light
2 819 97: LED 220 V~, green - low consumption / 0.05 mA
2 819 98: LED 220 V~, red - high luminosity / 1 mA
Installation of LED:



9.2 Transparent rocker with label holders
2 819 95: 1-gang

2 819 96: 2-gang

2 819 97: 3-gang