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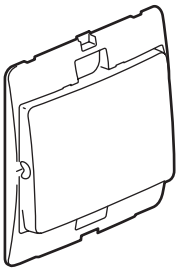
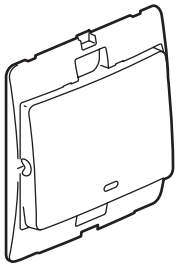
# Mallia™
# 10 AX switches dressable colour

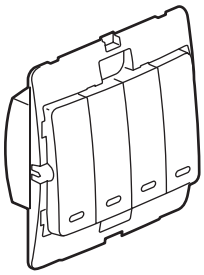
**Cat. No(s).: 2 830 00/01/02/03/04/05/06/07/08/09/10/11/12/13/14/15/16/17**
**2 832 00/01/02/03/04/05/06/07/08/09/10/11/12/13/14/15/16/17**
**2 834 00/01/02/03/04/05/06/07/08/09/10/11/12/13/14/15/16/17**



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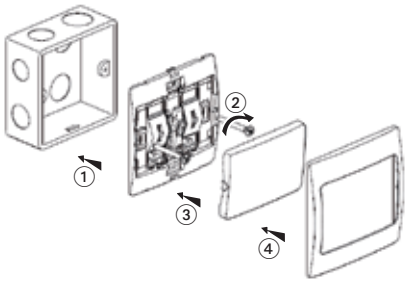
**2 834 00/01/02/03/04/05/06/07/08/09/10/11/12/13/14/15/16/17**

## 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 |

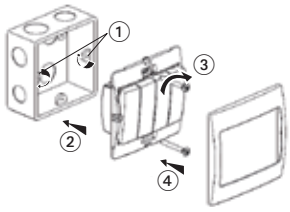
## 3. PREPARATION

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



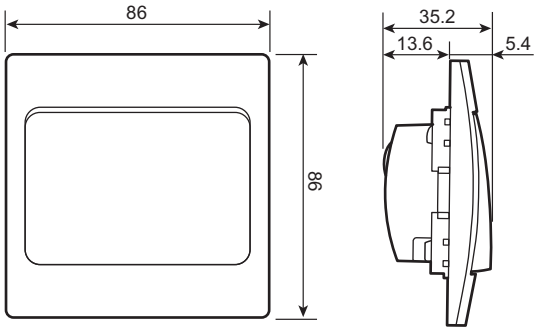

### 3.2 Preparation with 4G switches

**WARNING: Left right lugs must be folded**




Plastic 4 lugs box

## 4. OVERALL DIMENSIONS



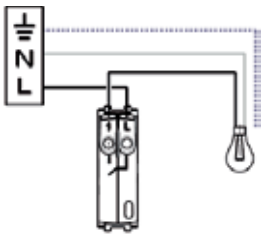

Profile size: 86 x 86
Distance of installation hole: 60.3 mm

## 5. CONNECTION

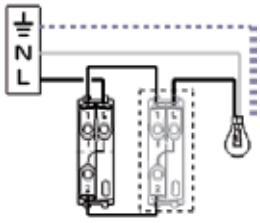
### 5.1 Terminals

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

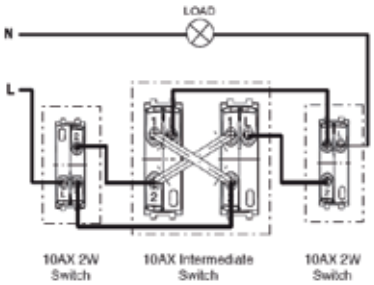
### 5.2 Circuit diagrams




1-way switch




2-way switch

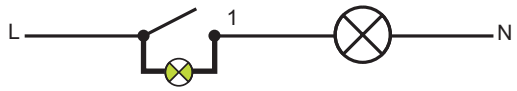



Intermediated switch

## 5. CONNECTION *(continued)*

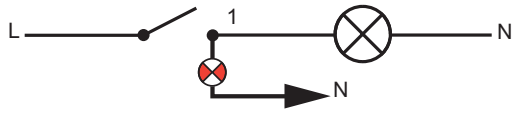
### 5.2 Circuit diagrams *(continued)*

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

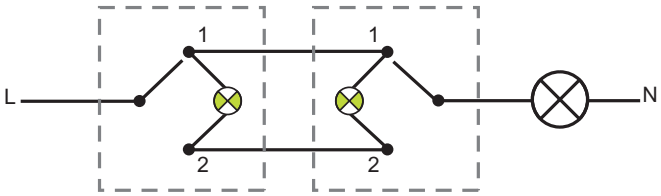



**Warning:** Don't use red LED with this connecting mode

2. 1-way indicator (red LED)

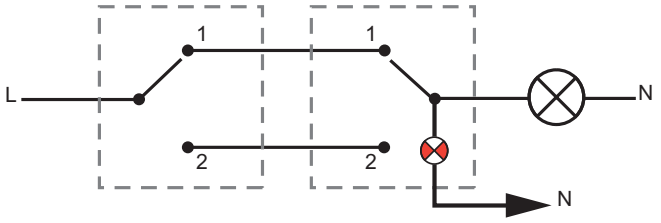



3. 2-way locator (green LED)




**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

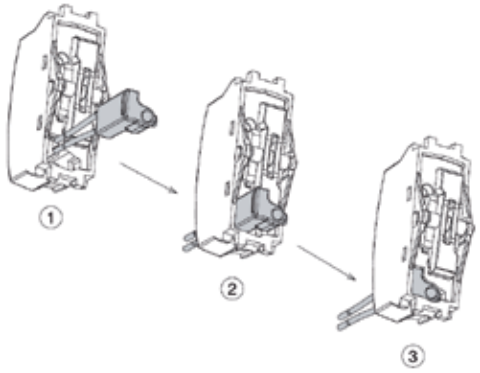
Surface cleaning with a soft, slightly damp cloth.
Do not use: acetone, tar remover, trichloroethylene.

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