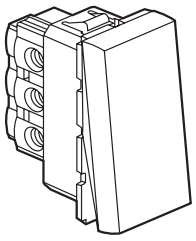
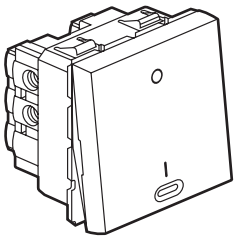
128, av. du Maréchal-de-Lattre-de-Tassigny - 87045 LIMOGES Cedex
Tel.: 0 (+33) 5 55 06 87 87 - Fax: 0 (+33) 5 55 06 88 88
www.legrand.com

Mosaic™
20 AX switches

Cat. No(s): 6 781 12/13/14/15/16/17/64



6 781 12/17



6 781 15

1. USE

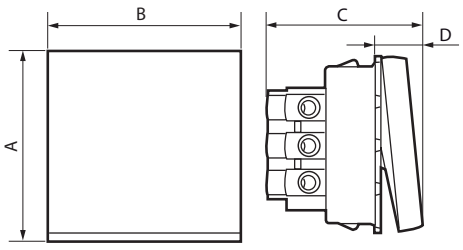
General lighting controls mechanisms.
The mechanism can be flush-mounted or surface-mounted.
To be fitted with finishing plates.

Antimicrobial* products:
These products are made of silver-ion based antimicrobial* material.
This technology eliminates bacteria, fungi and viruses without creating any immunisation or resistance effects (physical, rather than chemical, destruction).
Particularly suitables for healthcare establishments (hospitals, clinics, nursing homes, laboratories, waiting rooms, etc.) and more generally for areas subject to hygiene restrictions (industrial, shared and restaurant kitchens, waste, etc.).
These products offer an additional way of ensuring the non-proliferation of bacteria, fungi and viruses without interfering with cleaning protocols.

2. RANGE

Designation	White	Aluminium
Two-way switch - 1 module	6 781 12	-
Two-way switch with indicator - 1 module	6 781 13	-
Two-way double pole switch - 2 modules	6 781 14	6 781 64
One-way double pole switch with indicator - 2 modules	6 781 15	-
Two-way double pole switch with indicator 2 modules	6 781 16	-
Antimicrobial* two-way switch - 1 module	6 781 17	-

3. DIMENSIONS (mm)



Cat. Nos	A	B	C	D
6 781 12/13	45	22.5	42.5	12.5
6 781 14/15/16/17/64	45	45	42.5	12.5

4. CONNECTION

Type of terminals: with screws
Terminal capacity: 4 x 2.5 mm^2 or 2 x 4 mm^2
Stripping length: 10 mm
Screwdriver: 4 mm flat-blade
Cat. No 6 785 15: rigid conductors only

5. TECHNICAL CHARACTERISTICS

5.1 Mechanical characteristics
Impact tests: IK 04
Protection against solid bodies and liquids: IP 40 (mounted)
IP 20 (alone)

5.2 Material characteristics
Base: PC
Cover-plate: PC
White PC RAL 9003 + antimicrobial* treatment for Cat. No 6 781 17
Basket: PP

Halogen-free
UV-resistant

Self-extinguishing:
850°C/30 s for insulating components.
650°C/30 s for other insulating components.

5.3 Electrical characteristics
Voltage: 250 VAC
Current: 20 AX
Max. power for self-ballasted lamps: 250 W
Indicator consumption: 0.95 mA

5.4 Climate characteristics
Storage temperature: -10°C to + 70°C
Usage temperature : - 5°C to + 50°C

6. CLEANING

Surface cleaning with a cloth.
Do not use: acetone, tar remover, trichloroethylene.
Resistance to the cleaning products:
Hexane (EN 60669-1, methylated spirit, soapy water, diluted ammonia, pure bleach diluted to 10%, window-cleaning products, pre-impregnated wipes.
Resistance to type cleaning hospital:
Anios, Surfanios, Bactilysine, Diluted hydrogen peroxide (35 %).

Caution: Always test before using other special cleaning products

7. STANDARDS AND APPROVALS

Compliant with installation and manufacturing standards.
See e.catalogue.

*Contains silver ions that limit the development of bacteria on the surface.