Niloé™
Getting it just right

Traditional and wireless ZigBee® solution

L1 **legrand**®

# Just right...
for the environment and for you

Eco design

› laser marking reduction

› packaging optimization

› packaging and dust protection recycled materials

› the Niloé™ range is manufactured in ISO 14001 certified plants. Constant attention is paid to the environmental impact of each single activity

Plastic protection cover (APET): 100% recycled and recyclable material*

Lower energy consumption during manufacturing: reduction of laser markings

Indications obtained directly from the plastic mould
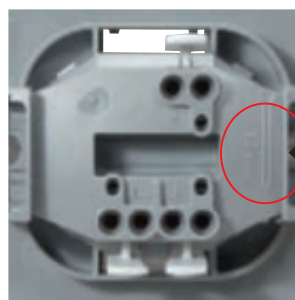
* unless soiled plastic

Eco design

The Eco design helps reducing environmental impact during every stage of the product lifecycle.

Eco solutions

Eco solutions bring reductions in energy consumption levels, minimising the energy impact of buildings and houses.

Less installation time

Simple and effective to install, Niloé™ ensures installation efficiency!

LED ILLUMINATION instead of incandescent light, for lower consumption

ZigBee® RADIO CONTROLS for less use of wires

PROTECTION AGAINST DRAUGHT improves the performance of the heating and air conditioning systems

TEMPERATURE CONTROL heating only when and where needed

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Flexible and adaptable

for perfect installation also on uneven walls

Plastic support frame

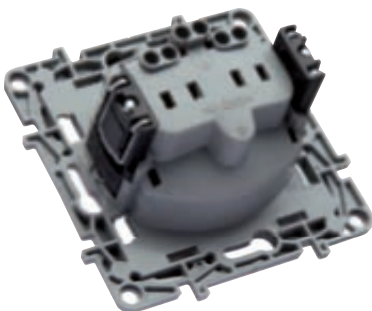› as strong as a metal support frame

› flexible

› uneven wall installation

› insulated

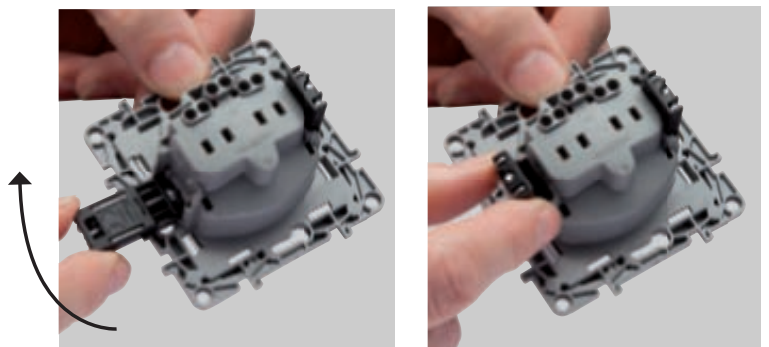› installation becomes easier and simpler

CLAWS
› quick, easy, reliable
› strong setting
› suitable for all kind of boxes
› insulated

The claws are easy to set/unset on the support frame

setting regulation

hooking slot

# Cover plates with gradual hooking system

› 4 fixing points

› firmly fixed to the support frame

› new fitting technique: perfect adhesion, even on uneven walls or after decoration (painting, wallpaper)

› can be permanently installed at the end of the works, without removing the cover

MULTIGANGS
› the support frames can be perfectly and easly joined for multi-gang installation

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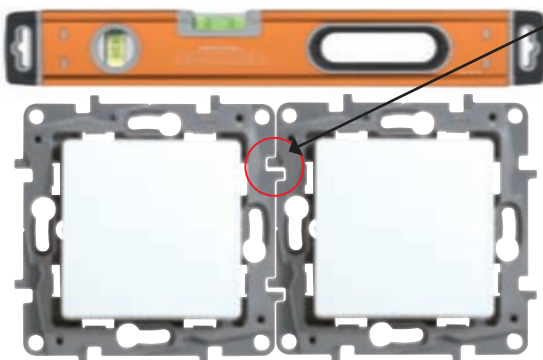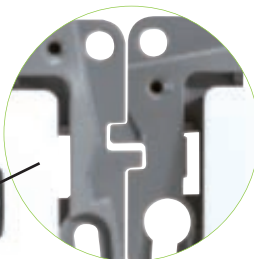
Easy and cost-effective
to cut installation steps by half

French standard

Just two steps....

1. fix the device without removing the protection cover

German standard

.....rather than four with Suno or Cariva !

1.

Remove the cover plate and the rocker cover

2.

Fix the device

3.

Fit the cover plate

French standard

German standard

2. remove the protection cover and complete the work by fitting the cover plate!

The cover plate can be removed and then replaced without removing the rocker cover.

4.

Fit the rocker cover by screwing

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Protection cover
for the protection of the device

A useful protection, in recyclable plastic material

› to use throughout all the processing stages

› easy to remove before fitting the cover plate at the end of the work

› to guarantee, on delivery, an excellent work

The protection cover is an integral part of the device and protects it from dust, paint and scratches, even after installation.

If the product is used before installing the cover plate, removing the protection cover is not necessary.

Permeability sock
to save energy

Specific protection device against draughts

› quick to install

› less heat dispersion

› reduced heating and cooling system costs
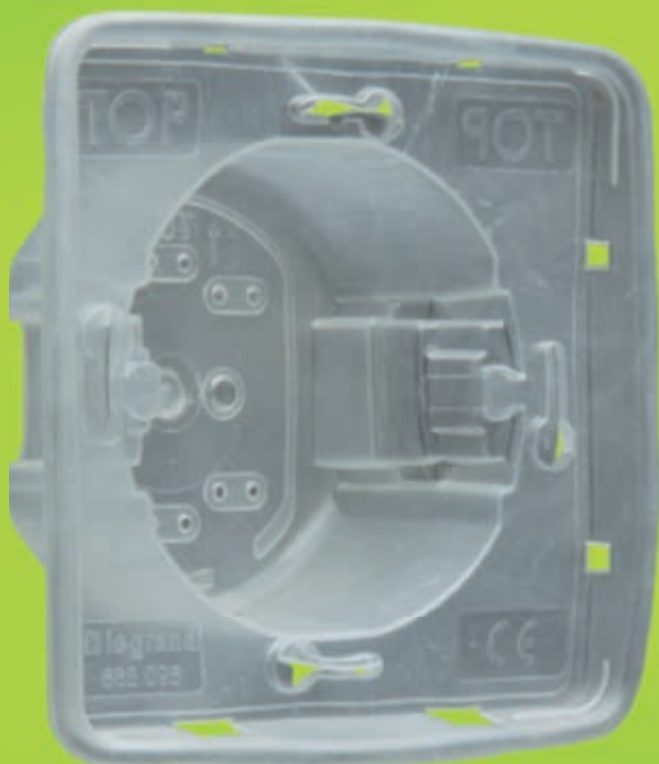
The «permeability sock» prevents the dispersion of heat due to draughts inside the pipes of the electric system.

Fit the protection on the device
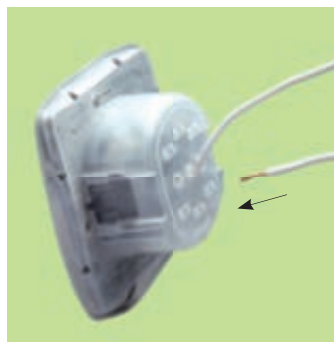
Insert the cables in the appropriate holes on the back of the protection and connect them to the device

Fix the mechanism to the box with screws or claws

Note: IP44 devices are delivered with permeability sock

legrand

Wireless
to save installation time

ZigBee®
(Radio control technology) less cable needed and more flexibility

› reduced installation time

› more controls in the same room

› on customer's demand, the controls may be installed in any position

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CONTROL DEVICE

SWITCH

CONTROL
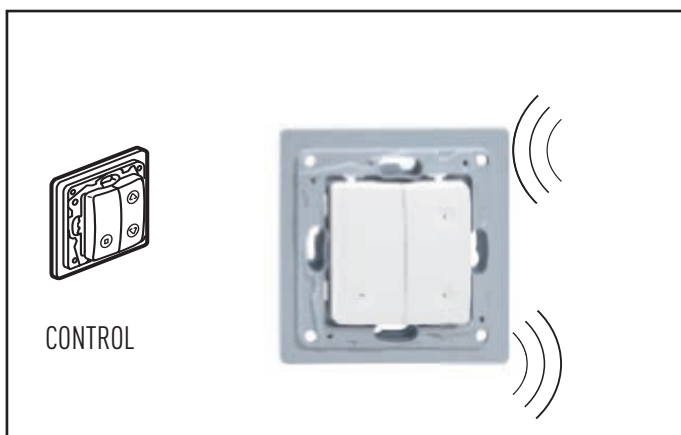
load

SWITCH

Wireless
ZigBee® certified product: manufactured specific profile
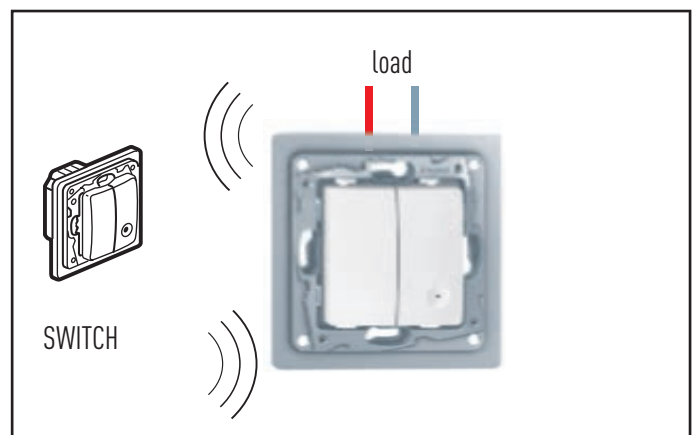
To be connected to the load

Example of ZigBee® installation

Shutter control

Control** Switch* Switch* Switch*
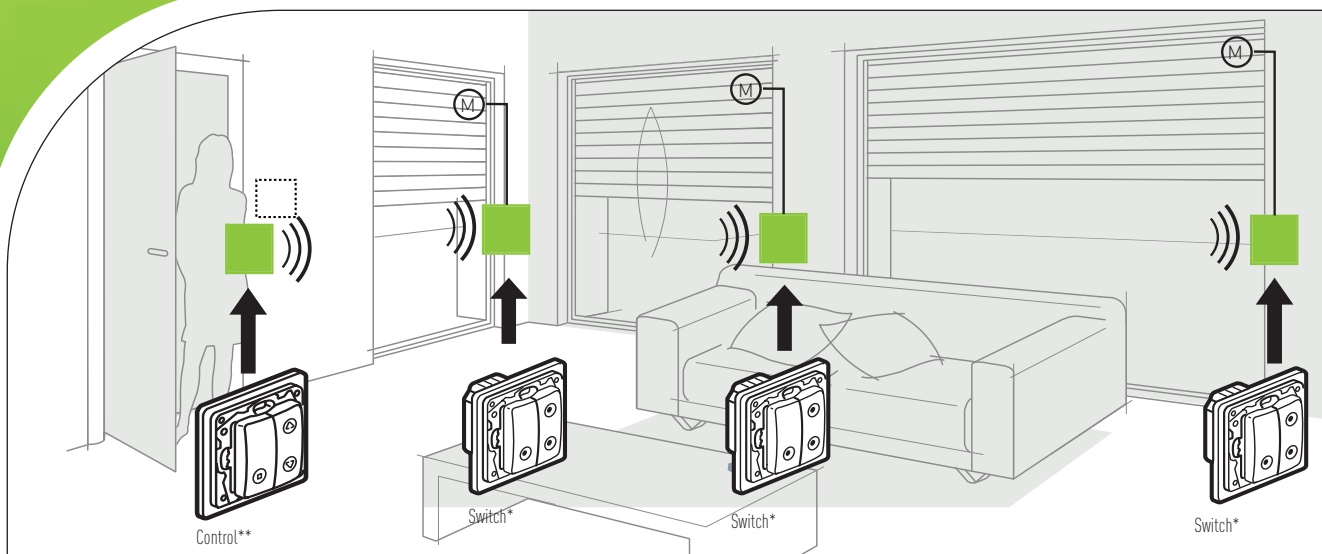
* Switches (connected to the shutter motor): manage the local shutter and receive the signal from the radio control   ** Radio control for centralized management of a group of shutters ▲

▼ *Switches (connected to the load): directly turn the lamp on and off and receive the commands from radio controls   ** Radio control: turn the lamp on and off

Switch* Control** Control**
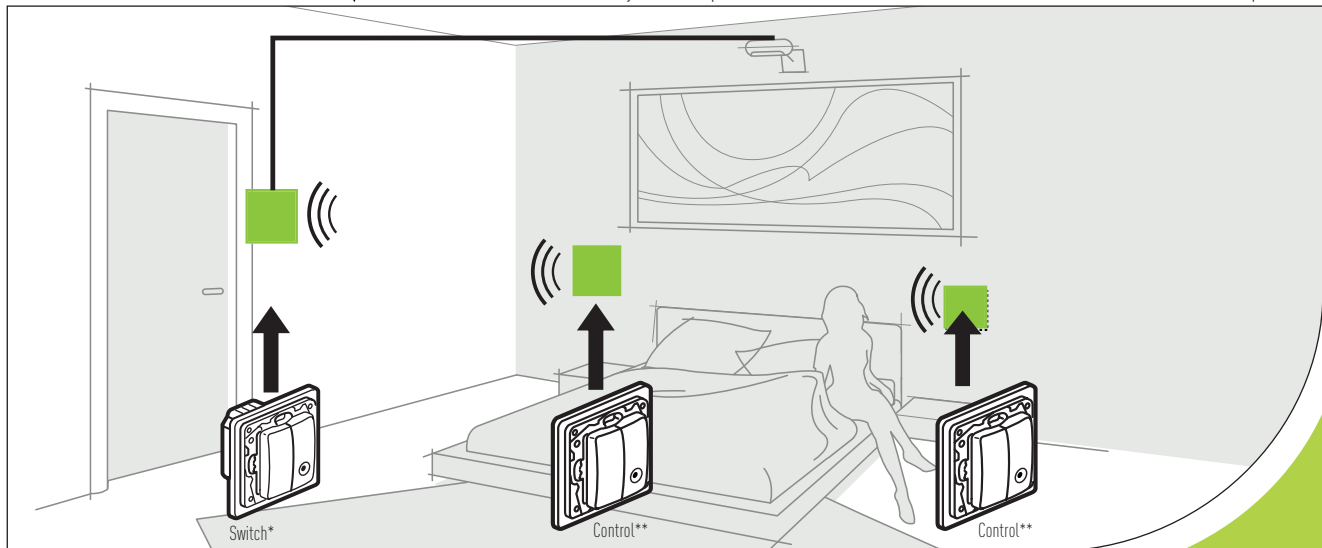
Lighting control

CONFIGURATION:
Easy and fast

Directly on the product, using the Push and Learn procedure.

When to use it

› for less complex, new installations

› to turn traditional electric installations into home automation systems

› updating of the electrical installation without the need for masonry work

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Timeless design
an essential but complete 4 colour range

COVER PLATE
Harmonious design for a light and modern look

DEVICE COLOURS:
White or ivory glossy finish, to dress with a cover plate
in the preferred colour
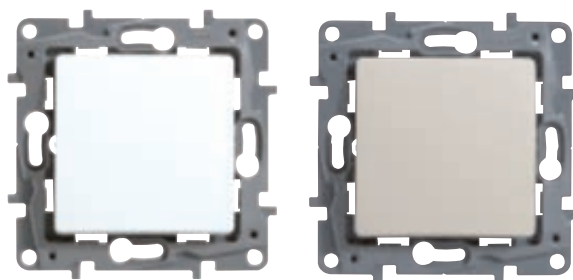
white / white

red / white

taupe / white

ivory / ivory

red / ivory

taupe / ivory

MULTIGANGS
› up to 5 gangs
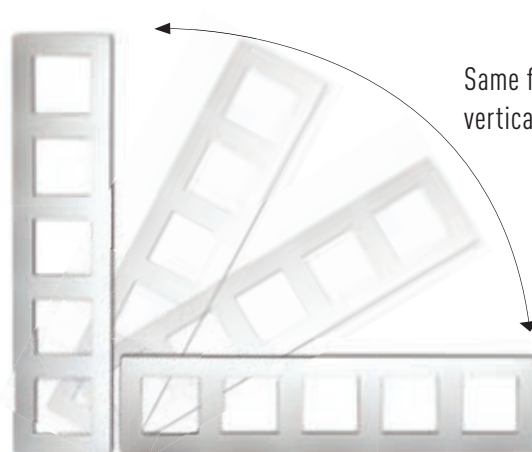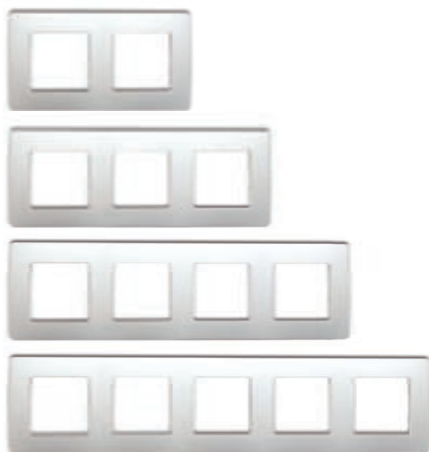
Same frame for horizontal and vertical position

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Functional and complete
the right offer

SWITCHES

Illuminated switch

Three one-way switch

PUSHBUTTONS

Double pushbuttons

Illuminated pushbutton with label holder

ELECTRONIC CONTROL DEVICES

Automatic switch

Dimmer

VARIOUS DEVICES

Blanking or adapter mosaic module

Key card switch

IP44-IK 07 cover plates, and IP44 functions, for installation in a protected environment

IP44 -IK 07
COVER PLATE*

IP44
SWITCHES

IP44
CABLE OUTLET

* Turns any standard function into an IP44 function. It also protects from damage / tampering

HOME AUTOMATION RADIO ZigBee®

Lighting control

Rolling shutter switch

HOME AUTOMATION TEMPERATURE CONTROL

Thermostat

Programmable thermostat

TV AND DATA

TV jack

RJ45 Multimedia (telephone, data, tv)

SOCKET OUTLETS

Flat socket outlet french - belgium standard

Double prewired socket outlet - german standard

Two items for a complete product:

1 mechanism 1 cover plate

Mechanism

Cover plate

Complete product

+

=

ZigBee® certified product: Manufactured Specific Profile

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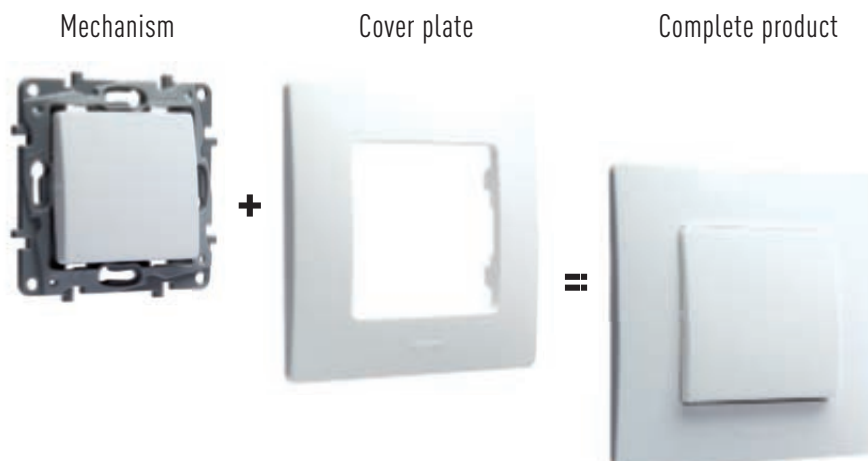
Niloé™ switches and multifunction switches NEW

6 647 01

6 647 10

6 648 14

Plates   **p. 23**

Mechanisms equipped with rocker plates and support frames
To be equipped with plates (p. 23)
Flush or surface-mounting
Screw or screw and claw mounting with claws Cat.Nos 6 650 99 (p. 22)

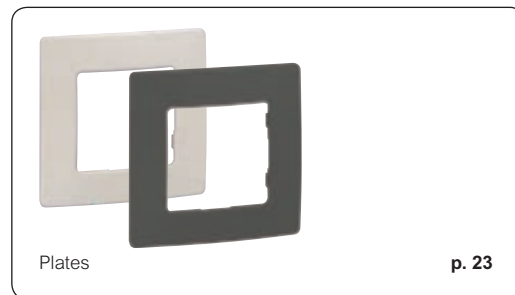| Pack	Cat.Nos		
	Screw/claw mounting	Screw mounting	**Switches 10 AX - 250 V~**
			One-way switch
			Delivered in flow pack
20	6 645 00		○ White
20	6 646 00		● Ivory
			One-way or two-way switch
			Supplied with protection cover
10	6 645 01	6 647 01	○ White
10	6 646 01	6 648 01	● Ivory
			Two-way switch
			Delivered in flow pack
20	6 645 20		○ White
20	6 646 20		● Ivory
			2 gang two-way switch
			Supplied with protection cover
10	6 645 02	6 647 02	○ White
10	6 646 02	6 648 02	● Ivory
			Illuminated two-way switch
			Becomes illuminated with lamps Cat.Nos 6 650 90 or 6 650 92 and indicator with lamp Cat.No 6 650 91 (p. 22) Supplied with protection cover
10	6 645 10	6 647 10	○ White
10	6 646 10	6 648 10	● Ivory
			IP 44 two-way switch
			Becomes illuminated with lamps Cat.Nos 6 650 90 or 6 650 92 and indicator with lamp Cat.No 6 650 91 (p. 22) Supplied with air permeability sock Cat.No 6 650 96 To be equipped with standard plate Supplied with protection cover
10		6 647 21	○ White
10		6 648 21 🌱	● Ivory
			3 gang one-way switch
			Screw terminals Supplied with protection cover
10	6 645 03		○ White
10	6 646 03		● Ivory
			Intermediate switch
			Can receive a 3rd control point when a two-way is installed Screw terminals Supplied with protection cover
10	6 645 04	6 647 04	○ White
10	6 646 04	6 648 04	● Ivory

Pack	Cat.Nos	
	Screw mounting	**Switches 16 AX - 250 V~**
		Indicator two-way switch
		Supplied with lamp Cat.No 6 650 91 and protection cover
10	6 647 16	○ White
10	6 648 16	● Ivory
		Multifunction switches
		Supplied with protection cover
		1 gang multifunction switch
		Supplied in push-button mode with large button fitted Possible configurations: push-button, two-way switch, 2 gang push-button, 2 gang two-way switch, push-button + two-way switch, two-way switch + push-button (supplied with 2 half buttons for double function)
	Screw mounting	
1	6 647 13	○ White
1	6 648 13	● Ivory
		2 gang illuminated multifunction switch
		Supplied in 2 gang push-button mode Can be tranformed into 2 gang 2-way illuminated switch Possible configurations: 2 gang illuminated push-button, 2 gang illuminated two-way switch, 2 gang two-way switch (supplied with 2 lamps Cat.Nos 6 650 90 for illuminated functions)
1	6 647 14	○ White
1	6 648 14	● Ivory
	Screw mounting	**2-way switch 10 AX + push-button 6 A - NO/NC contacts - 250 V~**
		Supplied with protection cover
10	6 647 09	○ White
10	6 648 09	● Ivory

Red catalogue numbers: New products

16

Niloé™ push-buttons, automatic switches, dimmers, shutters and fan controls

NEW

| 6 647 05 | 6 651 18 | 6 651 16 | 6 647 11 |

Load selection charts **p. 23**

Mechanisms equipped with rocker plates and support frames
To be equipped with plates (p. 23)
Flush or surface-mounting
Screw or screw and claw mounting with claws Cat.No 6 650 99 (p. 22)

Push-buttons 6 A - 250 V∿

Supplied with protection cover

Pack	Cat.Nos		
	Screw/claw mounting	Screw mounting	

1 gang - NO-NC contact

| 10 | 6 645 05 | 6 647 05 | ○ White |
| 10 | 6 646 05 | 6 648 05 | ● Ivory |

2 gang - NO-NC contact

| 10 | 6 645 08 | 6 647 08 | ○ White |
| 10 | 6 646 08 | 6 648 08 | ● Ivory |

With label-holder - NO-NC contact
Supplied with lamp Cat.No 6 650 90 and labels with 'bell', 'padlock' and 'light bulb' symbol

| 10 | 6 645 15 | 6 647 15 | ◐ White/ Ivory |

IP 44 - NO-NC
Becomes illuminated with lamps Cat.Nos 6 650 90 or 6 650 92
Supplied with air permeability sock Cat.No 6 650 96
To be equipped with standard plate

| 10 | | 6 647 25 | ○ White |
| 10 | | 6 648 25 | ● Ivory |

Push-buttons 6 AX - 250 V

NO-NC
Delivered in flow pack

Pack	Screw/claw mounting		
20	6 645 07		○ White
20	6 646 07		● Ivory

Automatic switches - 2-wire

For controlling lamps:
- 40 to 400 W incandescent lamps, halogen 230 V and halogen ELV with ferromagnetic or electronic transformer
To be fitted as a replacement of a traditional switch
Screw terminals
Can be used as a two-way switch with a push-button
Supplied with protection cover

Pack	Screw mounting		
1	6 651 18		○ White
1	6 652 18		● Ivory

Dimmers 400 W - 2-wire

For controlling lamps:
- 20 to 400 W incandescent lamps, halogen 230 V
- 20 to 400 VA and halogen ELV with electronic transformer
To be fitted as a replacement of a traditional switch
Screw terminals
Supplied with protection cover

Push-dimmer
Fitted with ON/OFF button and independent +/- adjustment button

Pack	Cat.Nos		
	Screw mounting		
1	6 651 15		○ White
1	6 652 15		● Ivory

Push-dimmer multi-loads
Can also control halogen ELV with ferromagnetic transformer
Fitted with ON/OFF button and independent +/- adjustment button

| 1 | 6 651 16 | | ○ White |
| 1 | 6 652 16 | | ● Ivory |

Rotary dimmer
With rotary knob

| 1 | 6 651 17 | | ○ White |
| 1 | 6 652 17 | | ● Ivory |

Shutters and fan controls

Supplied with protection cover

Shutters control switch - 3 positions
Up/Stop/Down for direct control of a motor

Pack	Screw/claw mounting	Screw mounting	
10	6 645 11	6 647 11	○ White
10	6 646 11	6 648 11	● Ivory

Fan control switch - 4 positions
○ White
Stop, slow, medium or fast speed for direct control of a centralised mechanical ventilation
Supplied with protection cover

| 10 | 6 646 90 | | |

Note: for dimmers technical information, see table at page 23

Red catalogue numbers: New products

6 651 01   6 651 11

6 647 87   6 647 89

Load selection charts p. 23

Mechanisms equipped with rocker plates and support frames
To be equipped with plates (p. 23)

Mechanisms equipped with rocker plates and support frames
To be equipped with plates (p. 23)
Flush or surface-mounting
Screw mounting
Supplied with protection cover

Pack	Cat.Nos	**Radio/ZigBee® switches**
		Centralised control units - transmitter switches Surface mounting or flush-mounting in box No wiring needed Powered by 3V CR 2032 lithium batteries, supplied
1	Screw mounting 6 651 01	1 gang switch Control 1 group of Radio/ZigBee® switches ○ White
1	6 651 02	2 gang switch Control 2 group of Radio/ZigBee® switches ○ White
		Individual unit - receiver switch 300 W For installation in flush-mounting box, depth 40 mm min.
1	6 651 03	1 gang switch without neutral with LED status Control halogen and incandescent lamps ○ White
		Micromodule switch 300 W
1	0 883 05	1 output - 300 W Enables control points to be added to improve an existing installation without damage to the walls Controls energy-saving, LED, halogen and incandescent bulbs Suitable for fitting on DCL (lighting appliance) covers. Its receiver function is used to execute commands received from scenario switches, centralised control units, detectors Phase/neutral power supply

Pack	Cat.Nos	**Radio/ZigBee® roller blind control**
		Centralised control unit - transmitter switches For the up/down/stop control of a group of individual roller blind switches Surface mounting or flush-mounting in box No wiring needed Powered by 3V CR 2032 lithium batteries, supplied
1	6 651 11	○ White
		Individual unit - receiver switch For direct control of motor (4-wire) Phase/neutral power supply Switch with pre-set function
1	6 651 12	○ White

Pack	Cat.Nos	**Temperature control**
		Thermostat 230 VA For direct radiant ceiling panels and underfloor heating Adjustment ranges from 7 to 30 °C Adjustment precision + 0.5 °C Cut off power: 8 A max. (closing contact) Can be associated to a clock for comfort and Eco mode
1	Screw mounting 6 647 87	○ White
1	6 648 87	● Ivory
		Programmable thermostat For fuel and gas direct radiating ceiling panels and underfloor heating Weekly programming Permanent programmed temperature display, 4 pre-recorded programmes, 1 free programme Adjustment ranges from 7 to 30 °C Adjustment precision + 0.5 °C Manual switching possible Permanent safeguard of the programmes Operation reserve 100 h 1 inverter contact output, not powered Cut off power: 8 A max Installation in Batibox 2-gang flush-mounting box Supplied with plate
1	6 647 88	○ White

Pack	Cat.Nos	**Key card switch**
		For energizing a circuit by inserting a key fob or a smart card (access card for a hotel room) Example of use: hotel room power supply only when guest is present Time-delay of approx. 30 sec. after card removal
10	6 647 93	○ White
10	6 648 93	● Ivory

Pack	Cat.Nos	**Multifunction display**
		Enables receiving information from the local electricity supplier (Peak/Off-Peak), or the status of the water or gas mains levers (open - closed) To be used with relays or adapted contacts Supplied with red or green labels for off Peak/Peak, gas, and water
10	6 647 89	○ White
10	6 648 89	● Ivory

ZigBee® : Certified product - Manufacturer Specific Profile

Red catalogue numbers: New products
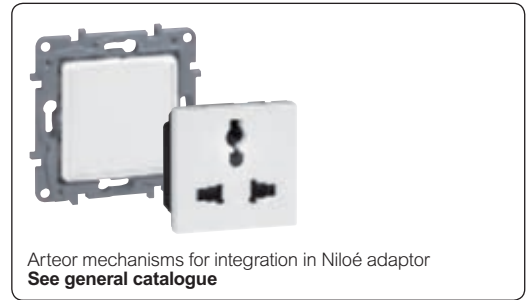
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NEW

6 645 31

6 648 35

6 647 37

Arteor mechanisms for integration in Niloé adaptor
See general catalogue

Mechanisms equipped with rocker plates and support frames
To be equipped with plates (p. 23). Flush or surface-mounting. Screw or screw and claw mounting with claws Cat.No 6 650 99 (p. 22)

2P socket outlets

Shuttered for child safety. Screw terminals
Cat.Nos 6 647 34 and 6 648 34 supplied with protection cover
Cat.Nos 6 645 38 and 6 646 38 delivered in flow pack

Pack		Cat.Nos	
		Screw/claw mounting	Screw mounting
20	10	6 645 38	6 647 34
20	10	6 646 38	6 648 34

○ White
● Ivory

German standard socket outlets

Shuttered for child safety

2P+E - automatic terminals
Supplied with protection cover

Pack	Screw/claw mounting	Screw mounting
10	6 645 31	6 647 31
10	6 646 31	6 648 31

○ White
● Ivory

2P+E - screw terminals
Delivered in flow pack

Pack	Screw/claw mounting	Screw mounting
20	6 645 39	
20	6 646 39	

○ White
● Ivory

2P+E with flap cover - automatic terminals
Supplied with protection cover

Pack	Screw/claw mounting	Screw mounting
10	6 645 32	
10	6 646 32	

○ White
● Ivory

2P+E with flap cover - screw terminals
Delivered in flow pack

Pack	Screw/claw mounting	Screw mounting
20	6 645 29	
20	6 646 29	

○ White
● Ivory

2P+E - IP 44 - automatic terminals
Supplied with air permeability sock Cat.No 6 650 96 and protection cover
To be equipped with standard plate

Pack	Screw/claw mounting	Screw mounting
10		6 647 47
10		6 648 47

○ White
● Ivory

2 x 2P+E compact - automatic terminals
Supplied complete with plate
Installation in 1 gang flush-mounting box
Supplied with protection cover

Pack	Screw/claw mounting	Screw mounting
10	6 645 43	
10	6 646 43	

○ White
● Ivory

2 x 2P+E - screw terminals
Delivered in flow pack, with cover plate and rocker

Pack	Screw/claw mounting	Screw mounting
10	6 645 44	
10	6 646 44	

○ White
● Ivory

2 x 2P+E pre-wired - automatic terminals
To be equipped with 2 gang plate
Supplied with protection cover

Pack	Screw/claw mounting	Screw mounting
10		6 647 46
10		6 648 46

○ White
● Ivory

French standard socket outlets

Shuttered for child safety

2P+E - automatic terminals
Supplied with protection cover

Pack	Screw/claw mounting	Screw mounting
10		6 647 35
10		6 648 35

○ White
● Ivory

2P+E - screw terminals
Delivered in flow pack

Pack	Screw/claw mounting	Screw mounting
20	6 645 40	
20	6 646 40	

○ White
● Ivory

2P+E flat - automatic terminals
The socket recess releases and moves back when a plug is inserted
Supplied with protection cover

Pack	Screw/claw mounting	Screw mounting
10		6 647 37
10		6 648 37

○ White
● Ivory

2P+E - IP 44 - automatic terminals
Supplied with air permeability sock Cat.No 6 650 96 and protection cover
To be equipped with standard plate

Pack	Screw/claw mounting	Screw mounting
10		6 647 48
10		6 648 48

○ White
● Ivory

2 x 2P+E compact - screw terminals
Supplied complete with plate
Installation in 1 gang flush-mounting box
Supplied with protection cover

Pack	Screw/claw mounting	Screw mounting
10	6 645 41	
10	6 646 41	

○ White
● Ivory

2 x 2P+E - screw terminals
Delivered in flow pack

Pack	Screw/claw mounting	Screw mounting
10	6 645 42	
10	6 646 42	

○ White
● Ivory

2 x 2P+E pre-wired - automatic terminals
To be equipped with 2 gang plate
Supplied with protection cover

Pack	Screw/claw mounting	Screw mounting
10		6 647 45
10		6 648 45

○ White
● Ivory

Arteor adaptor and blanking plate

Take 2-module Arteor mechanisms (except special surface-mounting type)
Supplied with protection cover

Pack	Screw mounting
10	6 641 95
10	6 642 95

○ White
● Ivory

Red catalogue numbers: New products

Niloé™ telephone and data sockets NEW
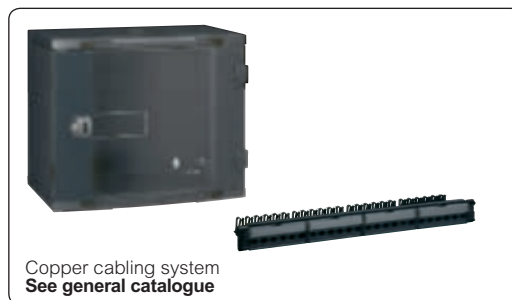

6 647 69

6 647 75

6 648 75

Copper cabling system
See general catalogue

Mechanisms equipped with rocker plates and support frames
To be equipped with plates (p. 23)
Flush or surface-mounting
Screw mounting

Telephone sockets

Pack	Cat.Nos		
	Screw/claw mounting	Screw mounting	

RJ 11 sockets

Cat.Nos 6 647 69 and 6 648 69 supplied with protection cover
Cat.Nos 6 645 69 and 6 646 69 delivered in flow pack

Pack		Screw/claw mounting	Screw mounting	
20	10	6 645 69	6 647 69	○ White
20	10	6 646 69	6 648 69	● Ivory

2 x RJ 11 sockets
Supplied with protection cover

10		6 647 70	○ White
10		6 648 70	● Ivory

ISDN sockets
Supplied with protection cover

10		6 647 78	○ White
10		6 648 78	● Ivory

RJ 11 + RJ 45 Cat. 5 UTP sockets
Supplied with protection cover

10		6 647 72	○ White
10		6 648 72	● Ivory

Loudspeaker sockets

Double loudspeaker sockets
Automatic terminals marked (black-red)
Supplied with protection cover

	Screw mounting		
10	6 647 81	○ White
10	6 648 81	● Ivory

Cover TAE and TDO adaptor

Supplied with protection cover

10	6 647 80	○ White

Data sockets

Pack	Cat.Nos	
	Screw mounting	

Cat. 6 UTP
Supplied with protection cover

10	6 647 73	○ White
10	6 648 73	● Ivory

2 x Cat. 6 UTP
Supplied with protection cover

10	6 647 74	○ White
10	6 648 74	● Ivory

Cat. 6 STP
360° shielded socket
Supplied with protection cover

10	6 647 75	○ White
10	6 648 75	● Ivory

2 x Cat. 6 STP
360° shielded socket
Supplied with protection cover

10	6 647 76	○ White
10	6 648 76	● Ivory

Cat. 6 FTP
9-contact socket
Supplied with protection cover

10	6 647 77	○ White
10	6 648 77	● Ivory

Cat. 5 UTP
Delivered in flow pack

	Screw/claw mounting	
20	6 645 71	○ White
20	6 646 71	● Ivory

Fibre optic sockets

2 SC APC simplex sockets
Supplied with protection cover
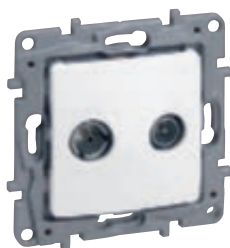
	Screw mounting	
10	6 647 79	○ White
10	6 648 79	● Ivory

Red catalogue numbers: New products

6 647 51   6 647 60   6 647 63

Home network
See general catalogue
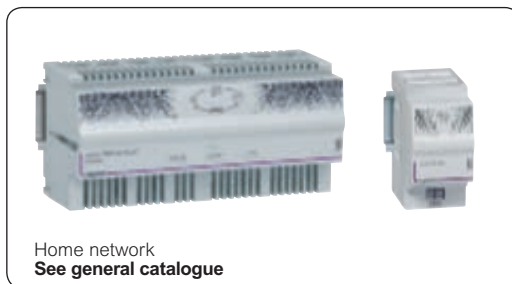
Mechanisms equipped with rocker plates and support frames
To be equipped with plates (p. 23)
Flush or surface-mounting
Screw mounting

Pack	Cat.Nos	**TV sockets**
		Male TV connectors 0-2400 MHz Recommended coaxial cables 17.19 VATC
		"F" type TV socket - star screened Screw type Supplied with protection cover
10	6 647 50	○ White
10	6 648 50	● Ivory
		Male TV socket - star screened Supplied with protection cover
10	6 647 51	○ White
10	6 648 51	● Ivory
	Screw/claw mounting	**Male TV socket - Passthrough** Delivered in flow pack
20	6 645 52	○ White - 10 dB
20	6 646 52	● Ivory - 10 dB
20	6 645 53	○ White - 15 dB
20	6 646 53	● Ivory - 15 dB
20	6 645 54	○ White - 20 dB
20	6 646 54	● Ivory - 20 dB
		Male TV socket - Terminal 5 dB Delivered in flow pack
20	6 645 55	○ White
20	6 646 55	● Ivory

Pack	Cat.Nos	**TV-R sockets**
		Male TV connectors, R female connectors Recommended coaxial cables 17.19 VATC Supplied with protection cover
	Screw mounting	**TV-R socket - star screened**
10	6 647 60	○ White
10	6 648 60	● Ivory
		TV-R socket - terminal 10 dB
10	6 645 62	○ White
10	6 646 62	● Ivory
		TV-R socket - throughwiring 14 dB
10	6 645 61	○ White
10	6 646 61	● Ivory

Pack	Cat.Nos	**Cover adaptors**
		2-3 holes Supplied with protection cover
10	6 647 67	○ White
10	6 648 67	● Ivory

Pack	Cat.Nos	**TV-SAT sockets**
		For aerial and satellite installation with individual demodulator For the reception of digital channels TV male connectors: 5-68/120-862 MHz SAT 950-2040 MHz Recommended coaxial cables 17.19 VATC Supplied with protection cover
	Screw mounting	**TV-SAT socket - star screened 2 dB**
10	6 647 56	○ White
10	6 648 56	● Ivory
		TV-SAT socket - terminal screened 10 dB
10	6 645 58	○ White
10	6 646 58	● Ivory
		TV-SAT socket - throughwiring screened 14 dB
10	6 645 57	○ White
10	6 646 57	● Ivory

Pack	Cat.Nos	**TV-R-SAT sockets**
		For aerial and satellite installation with individual demodulator For the reception of digital channels TV male connectors: 5-68/120-862 MHz R female connectors: 87.5-108 MHz SAT connector: 950-2400 MHz Recommended coaxial cables 17.19 VATC Supplied with protection cover
	Screw mounting	**TV-R-SAT socket - star screened 2 dB**
10	6 647 63	○ White
10	6 648 63	● Ivory
		TV-R-SAT socket - terminal screened 10 dB
10	6 645 64	○ White
10	6 646 64	● Ivory
		TV-R-SAT socket - throughwiring screened 14 dB
10	6 645 65	○ White
10	6 646 65	● Ivory

Pack	Cat.Nos	**Cable operator sockets**
		Double ''F'' screw type sockets Only one cable entry AFORM agreement give access to television and multimedia services (internet, telephone) of cables operators 5-862 MHz Supplied with protection cover
10	6 647 66	○ White
10	6 648 66	● Ivory

Red catalogue numbers: New products

6 647 49　　　　　　6 647 98　　　　　　6 650 99　　　　　　6 650 96

Pack	Cat.Nos	Cable outlets
		IP 44 For installation in volume 2 of the bathroom Supplied with cover plate 1 gang installation only Supplied with air/water permeability socket
10 10	Screw mounting 6 647 49 6 648 49	○ White ● Ivory
		IP 20 Supplied with cover plate 1 gang installation only
10 10	6 647 95 6 648 95	○ White ● Ivory

Pack	Cat.Nos	Surface mounting boxes
		Horizontal or vertical mounting Entries for installation on 20 x 15.5, 32 x 12.5, 40 x 20 cm mini-trunking and Ø20 mm conduit
		1 gang Dimensions: 88.5 x 88.5 mm - height 40 mm
10 10	6 647 98 6 648 98	○ White ● Ivory
		2 gang Dimensions: 159.5 x 88.5 mm - height 40 mm Supplied with divider for low and high current
5 5	6 647 99 6 648 99	○ White ● Ivory

Pack	Cat.Nos	Accessories
100	6 650 99	**Claws** For fixing devices in refurbishment
50	6 650 96	**Permeability sock** Particularly suited for renovations Suitable for all standard mechanisms (with the exception of the IP 21 cable output, for which IP 44 dedicated item is available)
		LEDs Direct mounting connection Maintenance free lamp
10	6 650 90	Illuminated lamp 230 V Consumption 0.15 mA
10	6 650 91	Indicator lamp 230 V Consumption 3 mA
10	6 650 92	Illuminated lamp 12 V - 24 V - 48 V

Niloé™ plates NEW

Niloé™ load selection charts

6 650 01

6 650 11

6 650 21

6 650 31

Pack	Cat.Nos	**Plates**
		1 gang
20	6 650 01	○ White
20	6 650 11	● Ivory
10	6 650 21	● Red
10	6 650 31	● Taupe
		2 gang 71 mm fixing centres Vertical or horizontal mouting
10	6 650 02	○ White
10	6 650 12	● Ivory
10	6 650 22	● Red
10	6 650 32	● Taupe
		3 gang 71 mm fixing centres Vertical or horizontal mouting
5	6 650 03	○ White
5	6 650 13	● Ivory
5	6 650 23	● Red
5	6 650 33	● Taupe
		4 gang 71 mm fixing centres Vertical or horizontal mouting
1	6 650 04	○ White
1	6 650 14	● Ivory
1	6 650 24	● Red
1	6 650 34	● Taupe
		5 gang 71 mm fixing centres Vertical or horizontal mouting
1	6 650 05	○ White
1	6 650 15	● Ivory
1	6 650 25	● Red
1	6 650 35	● Taupe
		1 gang - IP 44 - IK 07 Give IP 44 and IK 07 protection to Niloe mechanisms For exceptions, please refer to technical sheets Cannot be mounted on surface mounting frames
10	6 650 00	○ White
10	6 650 10	● Ivory

Cat.Nos	Incandescent lamp	Halogen lamp	ELV halogen with ferromagnetic transformer	ELV halogen with electronic transformer
6 651 15 6 652 15 6 651 17 6 652 17	20-400 W	20-400 W	-	20-400 VA
6 651 16 6 652 16	20-400 W	20-400 W	20-400 VA	20-400 VA
6 651 03	300 W	300 W	300 VA	300 VA
0 883 05	300 W	300 W	300 VA	300 VA

Cat.No 0 883 05 also compatible:
- 300 VA for LEDs
- 300 VA for fluorescent tube
- 300 VA for compact fluorescent lamp

Red catalogue numbers: New products

Niloé™

legrand