Niloé™

Getting it just right

Just right... for the environement and for you the Niloé™ range is manufactured in ISO 14001 certified plants. Constant attention is paid to the environment impact of each simple activity

PERFECT INSTALLATION

TIMELESS DESIGN: 11 COLOURS

- Harmonious design for a light and modern look
- White or ivory glossy finish, to dress with a plate in the preferred colour



Mechanisms



Plates

EASY AND COST EFFECTIVE TO CUT INSTALLATION STEPS BY HALF JUST 2 STEPS

1



2



1- Fix the device without removing the protection cover
2- Remove the protection cover and fit the cover plate



Claw mounting



Multi-gang installation

2 PACKAGING SOLUTIONS

- Legrand boxes

Delivery by 10 with protection cover



- Flow pack for projects

A useful protection to guarantee an excellent work



Video of Niloé presentation

Niloé™

switches and push-buttons


6 647 01


6 648 01


6 647 10


6 647 05


6 647 09

Mechanisms supplied with cover plates and support frames
To be equipped with plates (p. 451)
Automatic terminals (except Cat.Nos 6 645 03-6 646 03)
Fixing with screws. Fixing with claws using accessory Cat.No 6 650 99 (p. 447)
Supplied with site protection cover

Pack	Cat.Nos	Switches 10 AX - 250 V~
		One-way or two-way switch
10	6 647 01	○ White
10	6 648 01	○ Ivory
1	6 643 01	○ White Pack of 50, specially adapted for work sites
		2 gang two-way switch
10	6 647 02	○ White
10	6 648 02	○ Ivory
		Illuminated two-way switch Lights with lamps Cat.Nos 6 650 90 or 6 650 92 and indicator with lamp Cat.No 6 650 91
10	6 647 10	○ White
10	6 648 10	○ Ivory
		IP 44 two-way switch Lights with lamps Cat.Nos 6 650 90 or 6 650 92 and indicator with lamp Cat.No 6 650 91 Mounts on standard plate
10	6 647 21	○ White
10	6 648 21	○ Ivory
		3 gang one-way switch Supplied with claws
10	6 645 03	○ White - Screw terminals
10	6 646 03	○ Ivory - Screw terminals
		Intermediate switch Enables you to add a third control point in a two-way switch installation
10	6 647 04	○ White
10	6 648 04	○ Ivory
		Switches 16 AX - 250 V~
		Indicator two-way switch Supplied with lamp Cat.No 6 650 91
10	6 647 16	○ White
10	6 648 16	○ Ivory
		Multifunction switches
		4 functions = 1 reference Supplied with single and double rocker plate to facilitate: - a single two-way switch or a single push-button - a double two-way switch or a double push-button - one two-way switch + push-button (on the left or on the right)
		1 gang multifunction switch Supplied in push-button mode with single rocker plate fitted.
1	6 647 13	○ White
1	6 648 13	○ Ivory

Pack	Cat.Nos	Multifunction switches (continued)
		2 gang illuminated switch Supplied in 2 gang push-button mode with 2 lamps for illuminating function Cat.No 6 650 90 Supplied with 1 additional non-illuminated rocker plate
10	6 647 14	○ White
10	6 648 14	○ Ivory
		Push-buttons 6 A - 250 V~
		1 gang - NO-NC contact
10	6 647 05	○ White
10	6 648 05	○ Ivory
		2 gang - NO-NC contact
10	6 647 08	○ White
10	6 648 08	○ Ivory
		1 gang-with label-holder - NO-NC contact
10	6 643 15 N	○ White/ Ivory Supplied with claws, no LED Can be equipped with a 12 V or 230 V LED (p. 447)
10	6 647 15	○ White/ Ivory Supplied with lamp Cat.No 6 650 90 and labels with 'bell', 'padlock' and 'light bulb' symbol
		Illuminated
10	6 647 26 N	○ White Supplied with LED
		IP 44 - NO-NC contact Can be illuminated with Cat.No 6 650 90 or Cat.No 6 650 92 Mounts on standard plates
10	6 647 25	○ White
10	6 648 25	○ Ivory
		2-way switch 10 AX + push-button 6 A - NO/NC contacts - 250 V~
		1 gang - NO-NC contact
10	6 647 09	○ White
10	6 648 09	○ Ivory

Multifunction switches video

Niloé™

dimmers and automatic switches



6 651 14



6 651 18

Mechanisms supplied with cover plates and support frames
To be equipped with plates (p. 451)
Screw terminals
Fixing with screws. Fixing with claws using accessory Cat.No 6 650 99 (p. 447)
Supplied with site protection cover

Pack	Cat.Nos	Dimmers 400 W - 2-wire
		Facilitate the control and dimming of: - 20 to 400 W incandescent, 230 V~ halogen - 40 to 400 VA ELV halogen bulbs with ferromagnetic transformer via electronic transformer Can be installed as a replacement for a traditional switch
		Push dimmer With on/off button and separate +/- button for dimming
1	6 651 14	 ○ White
1	6 652 14	● Ivory
		Rotary dimmer
1	6 651 17	 ○ White
1	6 652 17	● Ivory

Pack	Cat.Nos	Automatic switches - 2-wire
		Without neutral Facilitate the control of 40 to 400 W incandescent, 230 V halogen and ELV halogen lamps via ferromagnetic or electronic transformer Can be installed as a replacement for a traditional switch Can be used as a two-way switch with push-button
1	6 651 18	 ○ White
1	6 652 18	● Ivory
		Without neutral, for a time switch For use with a modular time switch Enables automatic on/off switching, in a corridor or staircase, etc. Can be installed in replacement for a push-button The time-delay setting must be the same as for the time switch
1	6 651 19	 ○ White

Niloé™

Radio/ZigBee®



6 651 01



6 651 11

Mechanisms equipped with cover plates and support frames
To be equipped with plates (p. 451)

Pack	Cat.Nos	Radio/ZigBee® switches
		Centralized control units - transmitter switches Surface-mounting or within a flush-mounting box No wiring required. Powered by 3V CR 2032 lithium batteries, supplied
1	6 651 01	 ○ White - Single switch Enables you to control a group of Radio/ZigBee® receiver switches
1	6 651 02	 ○ White - 2-gang switch Used to control two groups of Radio/ZigBee® receiver switches
		Individual unit - receiver switch 300 W For installation in Batibox flush-mounting boxes min. depth 40 mm
1	6 651 03	 ○ White - Single switch - no neutral with status LED Enables you to control halogen and incandescent lamps
		Micromodule switch 300 W
1	0 883 05	 Enables you to improve an existing installation by adding control points without damage to the walls Enables you to control energy-saving, LED, halogen and incandescent lamps To be installed near the lamp with neutral with Cat.No 0 306 54 (plug-in ceiling rose) for example Must be mounted with switches Cat.Nos 0 6 651 01/02 Phase/neutral power supply

Pack	Cat.Nos	Radio/ZigBee® roller blind control
		Centralized control unit - transmitter switch
1	6 651 11	 ○ White Allows you to raise/lower/stop a group of individual roller blind switches
		Individual unit - receiver switch
1	6 651 12	 ○ White For direct motor control (4-wire) Phase/neutral power supply Preset function integrated into the switch

ZigBee®: ZigBee® certified product with Manufacturer Specific Profile

Niloé™

shutters, fan controls and key card switch



6 647 11



6 647 91

Mechanisms supplied with cover plates and support frames
To be equipped with plates (p. 451)
Fixing with screws. Fixing with claws using accessory Cat.No 6 650 99 (p. 447)
Supplied with site protection cover

Pack	Cat.Nos	Shutters and fan controls
		Automatic terminals
		Shutters control switch - 3 positions
		3-position switches "Raise - Stop - Lower" for direct motor control
10	6 647 11	○ White
10	6 648 11	○ Ivory
		Fan control switch - 2 positions
		2-position switches Low or high speed for direct control of a centralized mechanical ventilation system
10	6 647 91	○ White
10	6 648 91	○ Ivory

Pack	Cat.Nos	Key card switch
		Screw terminals To operate the room's electrical circuits (max. card length 54mm. Turns off 30 seconds after the card is removed)
10	6 647 93	○ White
10	6 648 93	○ Ivory

Niloé™

German standard socket outlets



6 647 31



6 647 47

Mechanisms supplied with cover plates and support frames
To be equipped with plates (p. 451)
Fixing with screws. Fixing with claws using accessory Cat.No 6 650 99 (p. 447)
Supplied with site protection cover

Pack	Cat.Nos	2P socket outlets with safety shutters
		Screw terminals
10	6 647 34	○ White
10	6 648 34	○ Ivory

Pack	Cat.Nos	German standard socket outlets with safety shutters
		2P+E - automatic terminals
10	6 647 31	○ White
10	6 648 31	○ Ivory
		N
		2P+E with flap cover - automatic terminals
10	6 647 32	○ White
10	6 648 32	○ Ivory
		2P+E with flap cover - IP 44 - automatic terminals
		Supplied with air permeability sock Cat.No 6 650 96 To be equipped with standard plates
10	6 647 47	○ White
10	6 648 47	○ Ivory
		2 x 2P+E compact - automatic terminals
		Supplied complete with plate Supplied with claws Installation in 1 gang flush-mounting box Allows you to replace 1 socket with 2 sockets without changing the flush-mounting box
10	6 645 43	○ White - screw mounting
10	6 646 43	○ Ivory - screw mounting
		2 x 2P+E pre-wired - automatic terminals
		To be equipped with 2 gang plate
10	6 647 46	○ White
10	6 648 46	○ Ivory

Niloé™

French standard socket outlets and cable outlets



6 648 35



6 645 41

Mechanisms supplied with cover plates and support frames
To be equipped with plates (p. 451)
Fixing with screws. Fixing with claws using accessory Cat.No 6 650 99 (p. 447)
Supplied with site protection cover

Pack	Cat.Nos	French standard socket outlets with safety shutters
		2P+E - Automatic terminals
10	6 647 35	 ○ White
10	6 648 35	● Ivory
1	6 643 35	 ○ White Pack of 50, specially adapted for work sites
		2P+E - IP 44 - Automatic terminals
10	6 647 48	 ○ White
10	6 648 48	● Ivory
		2 x 2P+E pre-wired - Automatic terminals For installation in 2-gang Batibox flush-mounting box
10	6 647 45	 ○ White
10	6 648 45	● Ivory
		2 x 2P+E compact - screw terminals Supplied complete with plate Supplied with claws Installation in 1 gang flush-mounting box Allows you to replace 1 socket with 2 sockets without changing the flush-mounting box
10	6 645 41	 ○ White
10	6 646 41	● Ivory
		Cable outlets
		Standard IP 21 Supplied with cover plate incorporating the plate One-gang installation
10	6 647 95	 ○ White
10	6 648 95	● Ivory
		Mosaic and Arteor adaptors Accept 2-module mechanisms (except special surface-mounting type)
10	6 651 95	 ○ White
10	6 652 95	● Ivory
	N	
10	6 651 96	**Blanking plate** ○ White

Niloé™

telephone and data sockets



6 647 75

Mechanisms supplied with cover plates and support frames
To be equipped with plates (p. 451)
Fixing with screws. Fixing with claws using accessory Cat.No 6 650 99 (p. 447)
Supplied with site protection cover

Pack	Cat.Nos	Telephone sockets
		RJ 11 sockets
10	6 647 69	 ○ White
10	6 648 69	● Ivory
		T-shaped telephone sockets
10	6 647 68	 ○ White
10	6 648 68	● Ivory
		2 x RJ 11 sockets
10	6 647 70	 ○ White
10	6 648 70	● Ivory
		Data sockets
		Cat. 6 STP 360° shielded sockets
10	6 647 75	 ○ White
10	6 648 75	● Ivory
		Cat. 6 FTP 9 contact socket
10	6 647 77	 ○ White
10	6 648 77	● Ivory

Niloé™

television sockets



6 647 60



6 647 63

Mechanisms supplied with cover plates and support
To be equipped with plates (p. 451)
Fixing with screws. Fixing with claws using accessory Cat.No 6 650 99 (p. 447)
Supplied with site protection cover
For Hertzian and satellite installation (with individual demodulator)
DTT and HDTV compatible
Shielded sockets
TV: male connector (Ø9.5 mm)
R: female connector (Ø9.5 mm)
SAT: "F" type connector
Recommended coaxial cable: 17/19 VATC

Pack	Cat.Nos	TV-R-SAT sockets
		TV: 5-68/120-862 MHz R: 87.5-108 MHz SAT: 550-2400 MHz
		Star 1.5 dB
10	6 647 63	○ White
10	6 648 63	○ Ivory
		Terminal - 10 dB
10	6 645 64	○ White
10	6 646 64	○ Ivory
		Passthrough - 14 dB
10	6 645 65	○ White
10	6 646 65	○ Ivory

Pack	Cat.Nos	TV-R sockets
		TV: 5-68/120-862 MHz R: 87.5-108 MHz
		Star - 1.5 dB
10	6 647 60	○ White
10	6 648 60	○ Ivory
		Terminal - 10 dB
10	6 645 62	○ White
10	6 646 62	○ Ivory
		Passthrough - 14 dB
10	6 645 61	○ White
10	6 646 61	○ Ivory

Pack	Cat.Nos	TV sockets
		TV: 0-2400 MHz
		Star 1.5 dB
10	6 647 51	○ White
10	6 648 51	○ Ivory

Pack	Cat.Nos	TV sockets "F" type with screws
		SAT: 0-2400 MHz
		Star - 1.5 dB
10	6 647 50	○ White
10	6 648 50	○ Ivory

Pack	Cat.Nos	Fibre optic sockets
		Equipped with 2 x SC/APC adaptors with protection cover
10	6 647 79	○ White
10	6 648 79	○ Ivory

Niloé™

surface mounting boxes, accessories and IP 44 plates



6 647 98



6 650 00

Pack	Cat.Nos	Surface mounting boxes
		Can be used horizontally or vertically DL PLUS input 20 x 15.5 mm, 32 x 12.5 mm 40 x 20 mm and Ø20 tube
		1-gang
		Dimensions: 88.5 x 88.5 mm - height 40 mm
10	6 647 98	○ White
10	6 648 98	○ Ivory
		2-gang
		Dimensions: 159.5 x 88.5 mm - height 40 mm
5	6 647 99	○ White
5	6 648 99	○ Ivory

Pack	Cat.Nos	Accessories
		Claws
100	6 650 99	"Rapido" claws Enable you to mount devices undergoing renovation
		Monitor and indicator lights
		Connection by direct mounting LED maintenance-free lamp
10	6 650 90	230 V indicator light Consumption 0.15 mA
10	6 650 91	230 V monitor light Consumption 3 mA
10	6 650 92	12 V - 24 V - 48 V indicator light

Pack	Cat.Nos	IP 44 plates
		IP 44 and IK 07 provide standard Niloé functionality For exceptions: see the technical data sheet Cannot be surface mounted 1-gang
10	6 650 00	○ White
10	6 650 10	○ Ivory

Niloé™

Special for projects

the essential

for all your projects

SWITCHES



2-way switch



2-gang one-way switch

TV & COMPUTERS



TV socket



RJ 45 Multimedia (telephone, data, TV)

POWER SOCKETS



German standard socket outlet



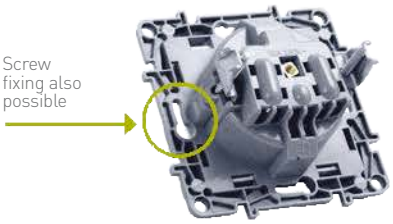
Standard pre-wired double socket outlet German standard

A MUST-HAVE PRODUCT FOR YOUR PROJECT WITH ESSENTIAL FUNCTIONALITY

FLOW PACKAGING: THE PROTECTION WHICH GUARANTEES DELIVERY OF'AN EXCEPTIONAL QUALITY PRODUCT

- Thanks to the flow packaging, your product is protected throughout the delivery process, right up until you mount it on the wall.





- MOUNTING CLIPS
  - › Robust construction
  - › Configuration adapted to all types of units



- SCREW TERMINALS

Niloé™ special projects

switches and push-buttons


6 645 00


6 645 06


6 645 23

Mechanisms supplied with cover plates and support frames in an individual flow pack. To be equipped with plates (p. 451)
Flush-mounting or surface-mounting
Supplied with claws
Screw terminals

Pack	Cat.Nos	Switches 10 AX - 250 V~
		One-way switch
		Can be illuminated with kit rocker + LED Cat.No 6 645 23
20	6 645 00	○ White
20	6 646 00	○ Ivory
		2 gang one-way switch
20	6 645 06	○ White
20	6 646 06	○ Ivory
		2 gang one-way switch with single live
20	6 645 96	○ White
20	6 646 96	○ Ivory
		Two-way switch
		Can be illuminated with kit rocker + LED Cat.No 6 645 23
20	6 645 20	○ White
20	6 646 20	○ Ivory

Pack	Cat.Nos	Push-buttons 6 AX - 250 V~
		NO-NC push-button
20	6 645 07	○ White
20	6 646 07	○ Ivory
		Illuminated push-button
		Supplied with LED
20	6 645 22	○ White
20	6 646 22	○ Ivory

Pack	Cat.Nos	Kit rocker + LED
		To transform single command into illuminated command
10	6 645 23	○ White
10	6 646 23	○ Ivory

Niloé™ special projects

German and French standard socket outlets


6 646 40


6 645 42

Mechanisms supplied with cover plates and support frames in an individual flow pack. To be equipped with plates (p. 451)
Flush-mounting or surface-mounting
Supplied with claws
Screw terminals

Pack	Cat.Nos	2P sockets
20	6 645 38	○ White
20	6 646 38	○ Ivory

		German standard socket outlets
		2P+E socket
20	6 645 39	○ White
20	6 646 39	○ Ivory
		2P+E socket with safety shutters
20	6 645 29	○ White
20	6 646 29	○ Ivory
		2 x 2P+E (1-gang) sockets supplied with plate and cover plate
10	6 645 44	○ White
10	6 646 44	○ Ivory

		French standard socket outlets
		2P+E socket
20	6 645 40	○ White
20	6 646 40	○ Ivory
		2P+E socket with safety shutters
20	6 645 27	○ White
20	6 646 27	○ Ivory
		2 x 2P+E (1-gang) sockets supplied with plate and cover plate
10	6 645 42	○ White
10	6 646 42	○ Ivory

Niloé™

TV, telephone and data sockets


6 645 52


6 645 69


6 646 71

Mechanisms supplied with cover plates and support frames in an individual flow pack. To be equipped with plates (p. 451)
Flush-mounting or surface-mounting
Supplied with claws
Screw terminals

Pack	Cat.Nos	Male TV sockets
		TV: 0-2400 MHz
		Passthrough - 10 dB
20	6 645 52	White
20	6 646 52	Ivory
		Passthrough - 15 dB
20	6 645 53	White
20	6 646 53	Ivory
		Passthrough - 20 dB
20	6 645 54	White
20	6 646 54	Ivory
		Terminal - 5 dB
20	6 645 55	White
20	6 646 55	Ivory

		Telephone, data sockets
		RJ 11
20	6 645 69	White
20	6 646 69	Ivory
		RJ 45 - Cat. 5 UTP
20	6 645 71	White
20	6 646 71	Ivory

Niloé™

surface mounting boxes, IP44 plates and accessory


6 647 98


6 650 00

Pack	Cat.Nos	Surface mounting boxes
		Can be used horizontally or vertically DL PLUS input 20 x 15.5 mm, 32 x 12.5 mm 40 x 20 mm and Ø20 tube
		1-gang
		Dimensions: 88.5 x 88.5 mm - height 40 mm
10	6 647 98	White
10	6 648 98	Ivory
		2-gang
		Dimensions: 159.5 x 88.5 mm - height 40 mm
5	6 647 99	White
5	6 648 99	Ivory

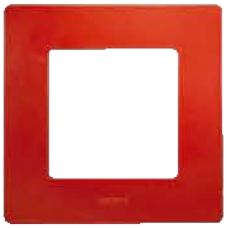
		IP 44 plates
		IP 44 and IK 07 provide standard Niloé functionality For exceptions: see the technical data sheet Cannot be surface mounted
		1-gang
10	6 650 00	White
10	6 650 10	Ivory

		Accessory
100	6 650 98	Protective shield Clips on to standard mechanisms. You can bend or open it to access the 2P+E socket.

Niloé™

plates


6 650 11


6 650 21


3 970 51


3 970 41


3 970 71

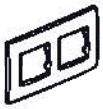
1-gang

Pack	Cat.Nos	
20	6 650 01	White
20	6 650 11	Ivory
10	6 650 31	Taupe
10	6 650 21	Red
10	3 970 81	Plum
10	3 970 31	Bronze
10	3 970 51	Onyx
10	3 970 41	Aluminium
10	3 970 71	Cacao
10	3 970 91	Dark wood
10	3 970 95	Light wood



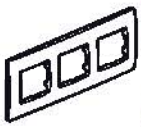
2-gang

10	6 650 02	White
10	6 650 12	Ivory
10	6 650 32	Taupe
10	6 650 22	Red
10	3 970 82	Plum
10	3 970 32	Bronze
10	3 970 52	Onyx
10	3 970 42	Aluminium
10	3 970 72	Cacao
10	3 970 92	Dark wood
10	3 970 96	Light wood



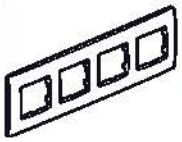
3-gang

5	6 650 03	White
5	6 650 13	Ivory
5	6 650 33	Taupe
5	6 650 23	Red
10	3 970 83	Plum
10	3 970 33	Bronze
10	3 970 53	Onyx
10	3 970 43	Aluminium
10	3 970 73	Cacao
10	3 970 93	Dark wood
10	3 970 97	Light wood



4-gang

Pack	Cat.Nos	
1	6 650 04	White
1	6 650 14	Ivory
1	6 650 34	Taupe
1	6 650 24	Red



5-gang

1	6 650 05	White
1	6 650 15	Ivory
1	6 650 35	Taupe
1	6 650 25	Red



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