



# Niloé™

# Getting it just right

Just right... for the environment 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

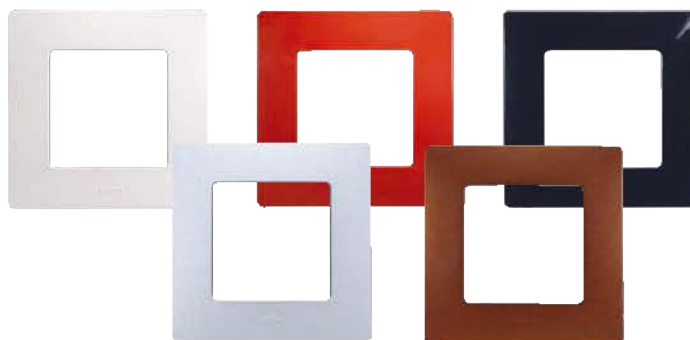
## PERFECT INSTALLATION

### 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**



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

**2**



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~
10	6 647 01	<b>One-way or two-way switch</b> <input type="radio"/> White <input type="radio"/> Ivory
10	6 648 01	
1	6 643 01	<input type="radio"/> White Pack of 50, specially adapted for work sites
10	6 647 02	<b>2 gang two-way switch</b> <input type="radio"/> White <input type="radio"/> Ivory
10	6 648 02	
10	6 647 10	<b>Illuminated two-way switch</b> Lights with lamps Cat.Nos 6 650 90 or 6 650 92 and indicator with lamp Cat.No 6 650 91 <input type="radio"/> White <input type="radio"/> Ivory
10	6 648 10	
10	6 647 21	<b>IP 44 two-way switch</b> 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 <input type="radio"/> White <input type="radio"/> Ivory
10	6 648 21	
10	6 645 03	<b>3 gang one-way switch</b> Supplied with claws <input type="radio"/> White - Screw terminals <input type="radio"/> Ivory - Screw terminals
10	6 646 03	
10	6 647 04	<b>Intermediate switch</b> Enables you to add a third control point in a two-way switch installation <input type="radio"/> White <input type="radio"/> Ivory
10	6 648 04	

Pack	Cat.Nos	Switches 16 AX - 250 V~
10	6 647 16	<b>Indicator two-way switch</b> Supplied with lamp Cat.No 6 650 91 <input type="radio"/> White <input type="radio"/> Ivory
10	6 648 16	

Pack	Cat.Nos	Multifunction switches
1	6 647 13	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) <b>1 gang multifunction switch</b> Supplied in push-button mode with single rocker plate fitted. <input type="radio"/> White <input type="radio"/> Ivory
1	6 648 13	

Pack	Cat.Nos	Multifunction switches (continued)
10	6 647 14	<b>2 gang illuminated switch</b> 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 <input type="radio"/> White <input type="radio"/> Ivory
10	6 648 14	
10	6 647 05	<b>Push-buttons 6 A - 250 V~</b> <b>1 gang - NO-NC contact</b> <input type="radio"/> White <input type="radio"/> Ivory
10	6 648 05	
10	6 647 08	<b>2 gang - NO-NC contact</b> <input type="radio"/> White <input type="radio"/> Ivory
10	6 648 08	
10	6 643 15	<b>1 gang-with label-holder - NO-NC contact</b> <input type="radio"/> White/ Ivory Supplied with claws, no LED Can be equipped with a 12 V or 230 V LED (p. 447) 
10	6 647 15	
10	6 647 26	<b>Illuminated</b> <input type="radio"/> White Supplied with LED 
10	6 648 26	
10	6 647 25	<b>IP 44 - NO-NC contact</b> Can be illuminated with Cat.No 6 650 90 or Cat.No 6 650 92 Mounts on standard plates <input type="radio"/> White <input type="radio"/> Ivory
10	6 648 25	

Pack	Cat.Nos	2-way switch 10 AX + push-button 6 A - NO/NC contacts - 250 V~
10	6 647 09	<b>1 gang - NO-NC contact</b> <input type="radio"/> White <input type="radio"/> Ivory
10	6 648 09	

Multifunction switches video





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	<b>Dimmers 400 W - 2-wire</b>
1	6 651 14	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 <b>Push dimmer</b> With on/off button and separate +/- button for dimming ○ White ● Ivory
1	6 652 14	
1	6 651 17	<b>Rotary dimmer</b> ○ White ● Ivory
1	6 652 17	
1	6 651 18	<b>Automatic switches - 2-wire</b> <b>Without neutral</b> 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 ○ White ● Ivory
1	6 652 18	
1	6 651 19	<b>Without neutral, for a time switch</b> 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 ○ White



6 651 01



6 651 11

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

Pack	Cat.Nos	<b>Radio/ZigBee® switches</b>
1	6 651 01	<b>Centralized control units - transmitter switches</b> Surface-mounting or within a flush-mounting box No wiring required. Powered by 3V CR 2032 lithium batteries, supplied ○ White - Single switch Enables you to control a group of Radio/ZigBee® receiver switches
1	6 651 02	
1	6 651 03	<b>Individual unit - receiver switch 300 W</b> For installation in Batibox flush-mounting boxes min. depth 40 mm ○ White - Single switch - no neutral with status LED Enables you to control halogen and incandescent lamps
1	0 883 05	<b>Micromodule switch 300 W</b> 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
1	6 651 11	<b>Radio/ZigBee® roller blind control</b> <b>Centralized control unit - transmitter switch</b> ○ White Allows you to raise/lower/stop a group of individual roller blind switches
1	6 651 12	<b>Individual unit - receiver switch</b> ○ 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



# Niloé™

## German standard socket outlets



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
10	6 647 11	<b>Automatic terminals</b> <b>Shutters control switch - 3 positions</b> 3-position switches "Raise - Stop - Lower" for direct motor control ○ White ● Ivory
10	6 648 11	
10	6 647 91	<b>Fan control switch - 2 positions</b> 2-position switches Low or high speed for direct control of a centralized mechanical ventilation system ○ White ● Ivory
10	6 648 91	
10	6 647 93	<b>Key card switch</b> Screw terminals To operate the room's electrical circuits (max. card length 54mm. Turns off 30 seconds after the card is removed) ○ White ● Ivory
10	6 648 93	



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
10	6 647 34	<b>Screw terminals</b> ○ White ● Ivory
10	6 648 34	
10	6 647 31	<b>German standard socket outlets with safety shutters</b> <b>2P+E - automatic terminals</b> ○ White ● Ivory
10	6 648 31	
10	6 647 32	<b>2P+E with flap cover - automatic terminals</b> ○ White ● Ivory
10	6 648 32	
10	6 647 47	<b>2P+E with flap cover - IP 44 - automatic terminals</b> Supplied with air permeability sock Cat.No 6 650 96 To be equipped with standard plates ○ White ● Ivory
10	6 648 47	
10	6 645 43	<b>2 x 2P+E compact - automatic terminals</b> 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 ○ White - screw mounting ● Ivory - screw mounting
10	6 646 43	
10	6 647 46	<b>2 x 2P+E pre-wired - automatic terminals</b> To be equipped with 2 gang plate ○ White ● Ivory
10	6 648 46	



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
10	6 647 35	<b>2P+E - Automatic terminals</b> <ul style="list-style-type: none"> <li>○ White</li> <li>● Ivory</li> </ul>
10	6 648 35	
1	6 643 35	<ul style="list-style-type: none"> <li>○ White</li> </ul> Pack of 50, specially adapted for work sites
10	6 647 48	<b>2P+E - IP 44 - Automatic terminals</b> <ul style="list-style-type: none"> <li>○ White</li> <li>● Ivory</li> </ul>
10	6 648 48	
10	6 647 45	<b>2 x 2P+E pre-wired - Automatic terminals</b> For installation in 2-gang Batibox flush-mounting box <ul style="list-style-type: none"> <li>○ White</li> <li>● Ivory</li> </ul>
10	6 648 45	
10	6 645 41	<b>2 x 2P+E compact - screw terminals</b> 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 <ul style="list-style-type: none"> <li>○ White</li> <li>● Ivory</li> </ul>
10	6 646 41	

Pack	Cat.Nos	Cable outlets
10	6 647 95	<b>Standard IP 21</b> Supplied with cover plate incorporating the plate One-gang installation <ul style="list-style-type: none"> <li>○ White</li> <li>● Ivory</li> </ul>
10	6 648 95	
10	6 651 95	<b>Mosaic and Arteor adaptors</b> Accept 2-module mechanisms (except special surface-mounting type) <ul style="list-style-type: none"> <li>○ White</li> <li>● Ivory</li> </ul>
10	6 652 95	
10	6 651 96	<b>Blanking plate</b> <ul style="list-style-type: none"> <li>○ White</li> </ul>



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
10	6 647 69	<b>RJ 11 sockets</b> <ul style="list-style-type: none"> <li>○ White</li> <li>● Ivory</li> </ul>
10	6 648 69	
10	6 647 68	<b>T-shaped telephone sockets</b> <ul style="list-style-type: none"> <li>○ White</li> <li>● Ivory</li> </ul>
10	6 648 68	
10	6 647 70	<b>2 x RJ 11 sockets</b> <ul style="list-style-type: none"> <li>○ White</li> <li>● Ivory</li> </ul>
10	6 648 70	
10	6 647 75	<b>Data sockets</b> <b>Cat. 6 STP</b> 360° shielded sockets <ul style="list-style-type: none"> <li>○ White</li> <li>● Ivory</li> </ul>
10	6 648 75	
10	6 647 77	<b>Cat. 6 FTP</b> 9 contact socket <ul style="list-style-type: none"> <li>○ White</li> <li>● Ivory</li> </ul>
10	6 648 77	





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
10	6 647 63	TV: 5-68/120-862 MHz R: 87.5-108 MHz SAT: 550-2400 MHz <b>Star 1.5 dB</b> ○ White ● Ivory
10	6 648 63	
10	6 645 64	<b>Terminal - 10 dB</b> ○ White ● Ivory
10	6 646 64	
10	6 645 65	<b>Passthrough - 14 dB</b> ○ White ● Ivory
10	6 646 65	
10	6 647 60	<b>TV-R sockets</b> TV: 5-68/120-862 MHz R: 87.5-108 MHz <b>Star - 1.5 dB</b> ○ White ● Ivory
10	6 648 60	
10	6 645 62	<b>Terminal - 10 dB</b> ○ White ● Ivory
10	6 646 62	
10	6 645 61	<b>Passthrough - 14 dB</b> ○ White ● Ivory
10	6 646 61	
10	6 647 51	<b>TV sockets</b> TV: 0-2400 MHz <b>Star 1.5 dB</b> ○ White ● Ivory
10	6 648 51	
10	6 647 50	<b>TV sockets "F" type with screws</b> SAT: 0-2400 MHz <b>Star - 1.5 dB</b> ○ White ● Ivory
10	6 648 50	
10	6 647 79	<b>Fibre optic sockets</b> Equipped with 2 x SC/APC adaptors with protection cover ○ White ● Ivory
10	6 648 79	



6 647 98



6 650 00

Pack	Cat.Nos	Surface mounting boxes
10	6 647 98	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 <b>1-gang</b> Dimensions: 88.5 x 88.5 mm - height 40 mm ○ White ● Ivory
10	6 648 98	
5	6 647 99	<b>2-gang</b> Dimensions: 159.5 x 88.5 mm - height 40 mm ○ White ● Ivory
5	6 648 99	
100	6 650 99	<b>Accessories</b> <b>Claws</b> "Rapido" claws Enable you to mount devices undergoing renovation
10	6 650 90	<b>Monitor and indicator lights</b> Connection by direct mounting LED maintenance-free lamp 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
10	6 650 00	<b>IP 44 plates</b> IP 44 and IK 07 provide standard Niloé functionality For exceptions: see the technical data sheet Cannot be surface mounted 1-gang ○ White ● Ivory
10	6 650 10	





Special for projects

Niloé™

# 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

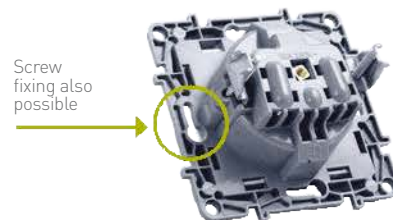


Standard pre-wired double socket outlet German standard

## 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.



Screw fixing also possible

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



- SCREW TERMINALS

# Niloé™ special projects

switches and push-buttons



# Niloé™ special projects

German and French standard socket outlets



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

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~
20	6 645 00	<b>One-way switch</b> Can be illuminated with kit rocker + LED Cat.No 6 645 23 ○ White ● Ivory
20	6 646 00	
20	6 645 06	<b>2 gang one-way switch</b> ○ White ● Ivory
20	6 646 06	
20	6 645 96	<b>2 gang one-way switch with single live</b> ○ White ● Ivory
20	6 646 96	
20	6 645 20	<b>Two-way switch</b> Can be illuminated with kit rocker + LED Cat.No 6 645 23 ○ White ● Ivory
20	6 646 20	
20	6 645 07	<b>Push-buttons 6 AX - 250 V~</b> <b>NO-NC push-button</b> ○ White ● Ivory
20	6 646 07	
20	6 645 22	<b>Illuminated push-button</b> Supplied with LED ○ White ● Ivory
20	6 646 22	
10	6 645 23	<b>Kit rocker + LED</b> To transform single command into illuminated command ○ White ● Ivory
10	6 646 23	

Pack	Cat.Nos	2P sockets
20	6 645 38	 ○ White ● Ivory
20	6 646 38	
20	6 645 39	<b>German standard socket outlets</b> <b>2P+E socket</b> ○ White ● Ivory
20	6 646 39	
20	6 645 29	<b>2P+E socket with safety shutters</b> ○ White ● Ivory
20	6 646 29	
10	6 645 44	<b>2 x 2P+E (1-gang) sockets supplied with plate and cover plate</b> ○ White ● Ivory
10	6 646 44	
20	6 645 40	<b>French standard socket outlets</b> <b>2P+E socket</b> ○ White ● Ivory
20	6 646 40	
20	6 645 27	<b>2P+E socket with safety shutters</b> ○ White ● Ivory
20	6 646 27	
10	6 645 42	<b>2 x 2P+E (1-gang) sockets supplied with plate and cover plate</b> ○ White ● Ivory
10	6 646 42	





6 645 52



6 645 69



6 646 71



6 647 98



6 650 00

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

**Male TV sockets**

Pack	Cat.Nos	
20	6 645 52	TV: 0-2400 MHz
20	6 646 52	<b>Passthrough - 10 dB</b>
		○ White
		● Ivory
20	6 645 53	<b>Passthrough - 15 dB</b>
20	6 646 53	○ White
		● Ivory
20	6 645 54	<b>Passthrough - 20 dB</b>
20	6 646 54	○ White
		● Ivory
20	6 645 55	<b>Terminal - 5 dB</b>
20	6 646 55	○ White
		● Ivory

**Telephone, data sockets**

20	6 645 69	<b>RJ 11</b>
20	6 646 69	○ White
		● Ivory
20	6 645 71	<b>RJ 45 - Cat. 5 UTP</b>
20	6 646 71	○ White
		● Ivory

**Surface mounting boxes**

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

**IP 44 plates**

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

**Accessory**

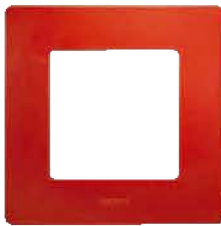
100	6 650 98	<b>Accessory</b>
		Protective shield
		Clips on to standard mechanisms. You can bend or open it to access the 2P+E socket.

Niloé™

plates



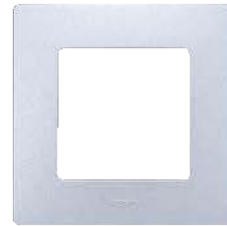
6 650 11



6 650 21




3 970 51




3 970 41

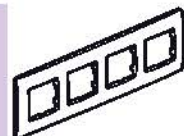



3 970 71

Pack	Cat.Nos	1-gang
20	6 650 01	 <ul style="list-style-type: none"> <li>○ White</li> <li>○ Ivory</li> <li>○ Taupe</li> <li>○ Red</li> <li>○ Plum</li> <li>○ Bronze</li> <li>○ Onyx</li> <li>○ Aluminium</li> <li>○ Cacao</li> <li>○ Dark wood</li> <li>○ Light wood</li> </ul>
20	6 650 11	
10	6 650 31	
10	6 650 21	
10	3 970 81	
10	3 970 31	
10	3 970 51	
10	3 970 41	
10	3 970 71	
10	3 970 91	
10	3 970 95	

Pack	Cat.Nos	2-gang
10	6 650 02	 <ul style="list-style-type: none"> <li>○ White</li> <li>○ Ivory</li> <li>○ Taupe</li> <li>○ Red</li> <li>○ Plum</li> <li>○ Bronze</li> <li>○ Onyx</li> <li>○ Aluminium</li> <li>○ Cacao</li> <li>○ Dark wood</li> <li>○ Light wood</li> </ul>
10	6 650 12	
10	6 650 32	
10	6 650 22	
10	3 970 82	
10	3 970 32	
10	3 970 52	
10	3 970 42	
10	3 970 72	
10	3 970 92	
10	3 970 96	

Pack	Cat.Nos	3-gang
5	6 650 03	 <ul style="list-style-type: none"> <li>○ White</li> <li>○ Ivory</li> <li>○ Taupe</li> <li>○ Red</li> <li>○ Plum</li> <li>○ Bronze</li> <li>○ Onyx</li> <li>○ Aluminium</li> <li>○ Cacao</li> <li>○ Dark wood</li> <li>○ Light wood</li> </ul>
5	6 650 13	
5	6 650 33	
5	6 650 23	
10	3 970 83	
10	3 970 33	
10	3 970 53	
10	3 970 43	
10	3 970 73	
10	3 970 93	
10	3 970 97	

Pack	Cat.Nos	4-gang
1	6 650 04	 <ul style="list-style-type: none"> <li>○ White</li> <li>○ Ivory</li> <li>○ Taupe</li> <li>○ Red</li> </ul>
1	6 650 14	
1	6 650 34	
1	6 650 24	

Pack	Cat.Nos	5-gang
1	6 650 05	 <ul style="list-style-type: none"> <li>○ White</li> <li>○ Ivory</li> <li>○ Taupe</li> <li>○ Red</li> </ul>
1	6 650 15	
1	6 650 35	
1	6 650 25	