



The peak
of modular ranges



NIESSEN

Power and productivity
for a better world™ **ABB**

Luxury finishes.

Five new plate covers with valuable materials, such as stainless steel, wood, slate and glass.

Pure materials that bring class and beauty to decoration. At the same time making their setting more natural.

Because value and luxury can also be sustainable.

That's why ZENIT is the **first range certified by Ecodesign.**





Wenge Plate Cover / Silver Switch.










Stainless Steel Plate Cover / Anthracite Switch.



Slate Plate Cover / Silver Switch.



Timbre

-  Light
-  Room service
-  Fan
-  Key
-  Sickbay
-  Bathroom
-  Bell Light point

□ **LED illumination**, a more diffuse and pleasanter light with reduced energy consumption. The light can also be changed from the front.

□ **The central trims** can also be in Silver, Champagne, Anthracite or Black.
 □ The switches can bear **pictograms** (8 models), with optional **LED illumination**.



□ All sizes of **plate covers** can be fitted both **horizontally and vertically**, making them easier to install and reducing the number of items to stock.



□ **The plate covers for rectangular boxes** with three and four slim modules are **also available with all finishes**: White, Anthracite, Silver, Champagne, White Crystal, Black Crystal, Stainless Steel, Wenge and Slate.



New functions for new spaces.

Hotels, restaurants, bars and cafés, shops, offices, hairdressers, gymnasium, academies, doctor's surgeries, museums... and, of course, homes.

ZENIT can be installed anywhere. In spaces that demand new solutions.





New mechanical or electronic switch card, with a timer to set the time the light stays on after removing the card.

Movement detector for hallways, stairways, bathrooms, landings, etc.



New fluorescence dimmer, its rotating mechanism makes it intuitive and easy to use in tertiary sector applications.



Electronic blind switch, to centralise the blinds, opening/closing them from more than one point when required.



Other, already-existing advanced functions: digital thermostat, coded keypad, analogue and digital ambient sound controllers, multiple telecoms sockets.

With new applications...

Plate covers for thin walls, allowing the range to blend in with wooden walls and screens (1 to 2 slim modules or 2 vertical modules).



Support for DIN rail, an adaptor for fitting 2-module mechanisms to electricity rails.

Workstations, with all the easy installation offered by NIESSEN, with all the normal functions for voice and data telecoms.



Surface-mounted units, 4 models for installations with tubes or conduits:

- Two models for those with 2 slim modules (with the plate cover for the range, and another smaller one with its own plate cover).
- One for single boxes with 3 slim modules.
- One for 4 slim modules.



and all ZENIT's ease of installation.



- The ZENIT rocker mechanisms are 16 A, offering top quality and a minimum number of stock items.
- New mechanisms, **more robust and compact**, that are inserted from the front.
- Designed to hold **the switches firmly** and prevent unwanted movement.
- **Thinner mechanism, only 21 mm.**, leaving more space for the connections in the box.
- With **larger and smoother press connectors** to make automatic connection easier and safer.
- Manufactured with high quality and recyclable material.



- All cable inputs are **at the back**, in the same line of connection to avoid having to bend cables.
- **All connectors are screwed in from above**, from the most visible and comfortable position for the installer.
- Connection can be made **without having to remove the cover** of the socket base, considerably reducing installation time.



- The sockets **have no visible screws in the centre** to fix the cover and the mechanism, another major step forward in appearance and functionality.
- The socket base is **childproof**, complying with current regulations for socket outlets.



- The **mounting plates**, supplied separately from the frames, can be **with or without clips**.
- The elastic **clips** are supplied optionally and are fixed to the frame **by pressure only** and do not need screws.



- The rocker covers can be easily removed to **change the light from the front**.



For those who want it all.



White Plate Cover / White Switch



Silver Plate Cover / Silver Switch



Stainless Steel Plate Cover / Anthracite Switch



Anthracite Plate Cover / Anthracite Switches



White Crystal Plate Cover / White Switch



Slate Plate Cover / Silver



Champagne Plate Cover / White Switches



White Crystal Plate Cover / Silver Switches



Wenge Plate Cover / Silver Switch

Do you want a range with exclusive designs and fine finishes that adds value to your installations?

Do you want to benefit from advanced functions that provide enhanced comfort and more features?

Do you want to enjoy technical advances that make installation easier and faster?

Do you want to be able to execute any installation with a single range?

Do you want the guarantee of a brand renowned for its quality such as NIESSEN?

If you want all of this, you've got it with ZENIT.

The most comprehensive modular range for all kinds of housing and commercial sector applications.

COMPLETE MECHANISMS



Socket Outlet SCHUKO 2P+T
N2288.2

INSERTABLE MECHANISMS

MECHANISMS 2 MODULES WIDE N2200

INSERTABLE MECHANISMS 1 MODULE WIDE N2100

3 MODULE

ROCKER SWITCHES

STYLING ELEMENTS

SYMBOLS

STYLING ELEMENTS

Styling elements for rocker 2 modules
BL, CV, AN, N2270

Rocker N2201.9

- Key N2004.1
- Ventilator N2004.2
- WC N2004.3
- Lavatory N2004.4
- Nurse N2004.5
- Point N2004.6

Rocker N2101.9

Styling elements for rocker 1 module
BL, CV, AN, N2170

SOCKET OUTLETS

--	--

--

VARIOUS

--	--	--	--	--

--	--	--	--

1,5 MODULE

TELECOMMUNICATION

--	--	--

--	--	--

--

TELECOMMUNICATION

--	--	--	--	--

--	--

--

REG/TEMP.

--	--	--	--	--	--

--

--

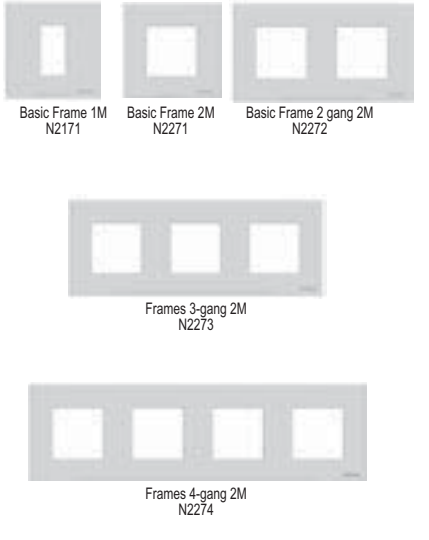
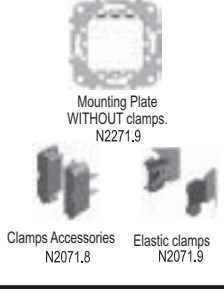






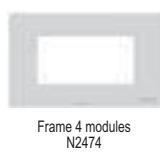


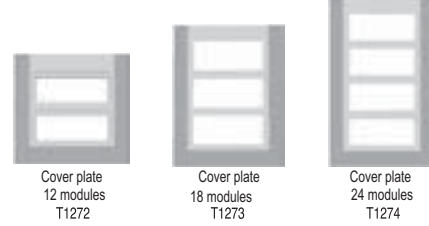
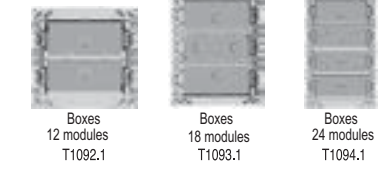
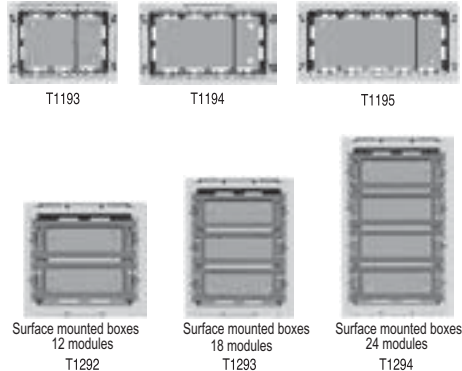
ELECTRONIC

--

AUDIO

--	--	--	--	--

--

	FRAMES	MOUNTING PLATE	BOXES		SURFACE MOUNTED BOXES	SUPPORT DIN RAIL
FOR UNIVERSAL BOX	 <p>Basic Frame 1M N2171 Basic Frame 2M N2271 Basic Frame 2 gang 2M N2272</p> <p>Frames 3-gang 2M N2273</p> <p>Frames 4-gang 2M N2274</p>	 <p>Mounting Plate WITHOUT clamps. N2271.9</p> <p>Clamps Accessories N2071.8 Elastic clamps N2071.9</p>	 <p>Hollow Wall Box 999</p> <p>Double Hollow Wall Box 999.2</p> <p>Universal Box 1099 / 1199</p>	VERSION "WITH" VERSION "WITHOUT" + COMBINATION	 <p>Box N2991.1</p> <p>Box N2991</p> <p>Tube adapter N2999</p>	 <p>Support DIN rail N2692</p>
	MONOBOX FRAMES	 <p>Frame 1 module N2471 Frame 2 modules N2472 Frame 3 modules N2473</p> <p>Frame 1 module N2471.1 Frame 2 modules N2472.1 Frame 3 modules N2473.1</p>	 <p>Mounting Frame For Monobox N2473.9</p>		 <p>Monobox with screws 499.3</p>	MONOBOX
4 MODULES		 <p>Frame 4 modules N2474</p>	 <p>Mounting Plate N2474.9</p>	 <p>Box for 4 modules 1499.4</p>	CENTRALIZATION	
WORKSTATIONS	 <p>Cover plate 12 modules T1272 Cover plate 18 modules T1273 Cover plate 24 modules T1274</p>	 <p>Boxes 12 modules T1092.1 Boxes 18 modules T1093.1 Boxes 24 modules T1094.1</p>	 <p>T1193 T1194 T1195</p> <p>Surface mounted boxes 12 modules T1292 Surface mounted boxes 18 modules T1293 Surface mounted boxes 24 modules T1294</p>			

INSERTABLE MECHANISMS 1 MODULE WIDE



- All **16 A** mechanisms are insertable and offer maximum quality with a reduced number of references.
- They are **robust, hardy and compact**; and can be inserted from the front of the plate.
- They are designed to **hold the adapter mechanism firmly** therefore avoid balancing problems.
- They have a **reduced depth, only 21 mm**, which allows more connection space for wires.
- Designed with **larger snap-on connectors**, to make a smoother and more comfortable automatic connection for the installer.
- They have been manufactured with **high quality and recyclable plastic**.
- The rocker cover can be easily removed to **replace the lamp from the front end**.

ROCKER SWITCHES



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Rocker Switch 1P	N2101	BL AN PL	16 AX / 250 V~ Lit with LED Ref.: N2191
Rocker Switch 2P	N2101.2	BL AN PL	16 AX / 250 V~ Lit with LED Ref.: N2192
Rocker Switch 2-way	N2102	BL AN PL	16 AX / 250 V~ Lit with LED Ref.: N2192
Intermediate Switch	N2110	BL AN PL	16 AX / 250 V~ Lit with LED Ref.: N2192

PUSH BUTTONS



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Push Button with bell symbol	N2104	BL AN PL	16A / 250 V~ Lit with LED Ref.: N2191
Push Button with light symbol	N2104.2	BL AN PL	16A / 250 V~ Lit with LED Ref.: N2191



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Normally closed without engraved symbol	N2104.6	BL AN PL	16A / 250 V~ Lit with LED Ref.: N2191
Push Button without engraved symbol	N2104.7	BL AN PL	16A / 250 V~ Lit with LED Ref.: N2191

ROCKER SWITCHES WITH INDICATOR LAMP



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Rocker Switch 1P	N2101.5	BL AN PL	16 AX / 250 V~ LED included Ref.: N2192
Rocker Switch 2-way	N2102.5	BL AN PL	16 AX / 250 V~ LED included Ref.: N2191
Pulsador	N2104.5	BL AN PL	16 A / 250 V~ LED included Ref.: N2192

SYMBOLS



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Rocker	N2101.9	BL AN PL	Adjusted to the symbols N2004.X. Valid for the mechanisms N2101.X, N2102.X, N2110 and N2104.X.
Key symbol	N2004.1		To be placed in the rocker N2x01.9x
Ventilator symbol	N2004.2		To be placed in the rocker N2x01.9x
Bath symbol	N2004.3		To be placed in the rocker N2x01.9x
Lavatory symbol	N2004.4		To be placed in the rocker N2x01.9x
Nurse symbol	N2004.5		To be placed in the rocker N2x01.9x
Point symbol	N2004.6		To be placed in the rocker N2x01.9x

INSERTABLE MECHANISMS 1 MODULE WIDE

LED LAMPS



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
LED Illumination Kit for Rocker Switches 1P and Push Buttons	N2191	VD	White color with a green label at the front. Automatic connection. Supplied with 1 module and 2 modules indicator lamp.
LED Illumination Kit for 2-way Rocker Switches, 2P and intermediate	N2192	RJ	White color with a red label at the front. Automatic connection. Supplied with 1 module and 2 modules indicator lamp.
			110 - 220 V~

STYLING ELEMENTS



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Styling elements for rocker 1 module	N2170	BL AN CV	Adjusted to the rockers N2101.X, N2102.X, N2110 and N2104.X.

KEY ROCKER SWITCH 2-WAY



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Key Rocker Switch 2-way 3 positions	N2153.1	BL AN PL	220 V~ / 5 A Possibility to extract the key in all three positions. Appropriate for blinds, etc. Connection and dimension drawing, see appendix.

PULLCORD SWITCH



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Pullcord Switch	N2148	BL	16 A / 250 V~ Length of the cord: 1 m

BASES OF SOCKET OUTLETS



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Socket Outlet 2P Euro-American	N2135	BL AN PL	16 A / 250 V~



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Socket Outlet 2P	N2128	BL AN PL	15 A / 127 V~

VARIOUS



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Blanking Plate	N2100	BL AN PL	

INSERTABLE MECHANISMS 1 MODULE WIDE

VARIOUS



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Cable Outlet	N2107	BL AN PL	With cable supporting flange.



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Fuse Holder	N2108	BL AN PL	16 A / 250 V~ For calibrated fuses. Dimension: Ø 6 x 24 mm



DESCRIPTION	CODE	TECHNICAL DATA
Fuse 6 A	6.1	6 A
Fuse 10 A	10.1	10 A
Fuse 16 A	16.1	16 A
		For fuse holder Ref.: N2108 Dimension: Ø 6 x 24 mm



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Buzzer	N2119	BL AN PL	125 - 250 V~, 8 VA With screw to adjust sound volume. Acoustic power to 1 m distance: 75 dB



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
LED Signalling	N2180	BL	230 V~; 50 Hz Luminous flux > 2 lumen to 1 m. Illumination by LED. Suppression of interferences in compliance with UNE-21806 and EN-55014.
LED white		RJ	
LED red		VD	
LED green			

TELECOMMUNICATION OUTLETS


TV OUTLETS



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Coaxial outlet TV	N2150	BL AN PL	Threaded connector.







TELECOMMUNICATION OUTLETS

TELEPHONE OUTLETS

	DESCRIPTION	CODE	COLOR	TECHNICAL DATA
	Telephone Outlet with 6 contacts	N2117.6	BL AN PL	RJ 12 with 6 contacts. Valid for connector with 2, 4 and 6 contacts. In compliance with RD 279/1999 (ICT): Outlet for the Base of Access Terminal (BAT).

COMMUNICATION AND TELEPHONE OUTLETS

Mechanisms

	DESCRIPTION	CODE	TECHNICAL DATA
	Adapter RJ45 Category 5E	2018	For connectors of type KEYSTONE, AMP, BRAND-REX, OPENEHCIS, THT LEVITON, KRONE Adapter valid for cover plate Ref.: N2118.1
	Adapter RJ45 Category 5E	2018.8	Avaya Lucent-Technologies (AT&T) Adapter valid for cover plate Ref.: N2118.1
	DESCRIPTION	CODE	TECHNICAL DATA
	Telephone Outlet 6 contacts	2017.2	Connector RJ12 with 6 contacts. Valid for connector with 2,4 and 6 contacts, in compliance with RD 279/1999(ICT) Adapter valid for cover plate Ref.: N2118.1
	Telephone Outlet 8 contacts RJ45 Category 3	2017.3	Connector RJ45 with 8 contacts. Category 3 S/ UNE EN 50173 or ISO 11801. Valid for connector with 8 contacts, in compliance with RD 279/1999. Adapter valid for cover plate Ref.: N2118.1
	Universal Data Connection Box RJ45, 8 contacts Category 5E (improved) UTP	2018.5	Frequency rate: 1-160 MHz Transmission rate: 1,2 Gb/sec In compliance with ISO 11801 Draft In compliance with FCC part 68 subpart F and IEC60603-7-2. Connection and dimension drawing, see appendix. Adapter valid for cover plate Ref.: N2118.1
	Universal Data Connection Box RJ45, 8 contacts Category 6 UTP	2018.6	Frequency rate: 1-300 MHz Transmission rate: 4,8 Gb/sec In compliance with ISO 11801 Draft In compliance with FCC parte 68 subparte F and IEC60603-7-3. Connection and dimension drawing, see appendix. Adapter valid for cover plate Ref.: N2118.1

Cover Plates

	DESCRIPTION	CODE	COLOR
	Cover plate 1-gang for telephone sockets Refs.: 2017.2, 2017.3, 2018, 2018.5, 2018.6, 2018.8	N2118.1	BL AN PL
	DESCRIPTION	CODE	COLOR
	Cover plate 1-gang for telephone sockets Refs.: 2017.2, 2017.3, 2018, 2018.5, 2018.6, 2018.8	N2118.1	BL AN PL

INSERTABLE MECHANISMS 1,5 MODULES WIDE



- The Zenit insertable **16A** mechanisms offer top quality with the minimum number of stock items.
- **Robust and compact**, they are inserted from the front.
- Designed to **hold the switches firmly** and avoid unwanted movement.
- **Shallower, only 21 mm**, leaving more space for the connections..

ROCKERS SWITCHES



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Rocker switchip	N2801	BL AN PL	16 A / 127 V~ / 250 V~ Lit with LED Ref. N2191.1
Rocker switch 2-way	N2802	BL AN PL	16 A / 127 V~ / 250 V~ Lit with LED Ref. N2192.1
Intermediate switch	N2810	BL AN PL	16 A / 127 V~ / 250 V~ Lit with LED Ref. N2192.1

INSERTABLE MECHANISMS 2 MODULES WIDE



- All **16 A** mechanisms are insertable and offer maximum quality with a reduced number of references.
- They are **robust, hardy and compact**; and can be inserted from the front of the plate.
- They are designed to **hold the adapter mechanism firmly** therefore avoid balancing problems.
- They have a **reduced depth, only 21 mm**, which allows more connection space for wires.
- Designed with **larger snap-on connectors**, to make a smoother and more comfortable automatic connection for the installer.
- They have been manufactured with **high quality and recycable plastic**.
- The rocker cover can be easily removed to **replace the lamp from the front end**.

ROCKER SWITCHES



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Rocker Switch 1P	N2201	BL AN PL	16 AX / 250 V~ Lit with LED Ref.: N2191
Rocker Switch 2P	N2201.2	BL AN PL	16 AX / 250 V~ Lit with LED Ref.: N2192
Rocker Switch 2-way	N2202	BL AN PL	16 AX / 250 V~ Lit with LED Ref.: N2192
Intermediate Switch	N2210	BL AN PL	16 AX / 250 V~ Lit with LED Ref.: N2192

PUSH BUTTONS



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Push Button with bell symbol	N2204	BL AN PL	16 A / 250 V~ Lit with LED Ref.: N2191
Push Button with light symbol	N2204.2	BL AN PL	16 A / 250 V~ Lit with LED Ref.: N2191



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Normally closed without engraved symbol	N2204.6	BL AN PL	16 A / 250 V~ Lit with LED Ref.: N2191
Push Button without engraved symbol	N2204.7	BL AN PL	16 A / 250 V~ Lit with LED Ref.: N2191

INSERTABLE MECHANISMS 2 MODULES WIDE

ROCKER SWITCHES WITH INDICATOR LAMP



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Rocker Switch 1P	N2201.5	BL AN PL	16 AX / 250 V~ LED included Ref.: N2192
Rocker Switch 2-way	N2202.5	BL AN PL	16 AX / 250 V~ LED included Ref.: N2191
Pulsador	N2204.5	BL AN PL	16 A / 250 V~ LED included Ref.: N2192

SYMBOLS



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Rocker	N2201.9	BL AN PL	Adjusted to the symbols N2004.X. Valid for the mechanisms N2201.X, N2202.X, N2110 and N2204.X.
Key symbol	N2004.1		To be placed in the rocker N2x01.9x
Ventilator symbol	N2004.2		To be placed in the rocker N2x01.9x
Bath symbol	N2004.3		To be placed in the rocker N2x01.9x
Lavatory symbol	N2004.4		To be placed in the rocker N2x01.9x
Nurse symbol	N2004.5		To be placed in the rocker N2x01.9x
Point symbol	N2004.6		To be placed in the rocker N2x01.9x

INSERTABLE MECHANISMS 2 MODULES WIDE

CARD SWITCH



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Card switch	N2214.1	BL AN PL	16 AX / 250 V~ Valid for cards of 54 mm width.



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Green LED replacement for card switch.	N2193	NG	0,7 mA a 250 V~



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Electric card time-delay switch. Included orientation LED	N2214.5	BL AN PL	 230 V~, 50 Hz max. power 3000 VA 127 V~, 60 Hz max. power 1600 VA 230 V~, 50 Hz max. power 1300 VA 127 V~, 60 Hz max. power 700 VA Time delay from e sec. to 90 sec. Valid for cards of 54 mm width.

BLIND CONTROL



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Push Button for blinds	N2244	BL AN PL	16A / 250V~
Switch for blinds	N2244.1	BL AN PL	16A / 250V~

INSERTABLE MECHANISMS 2 MODULES WIDE

BLIND CONTROL

NEW



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Electronic shutter switch	N2261.2	BL AN PL	127 V~; 60 Hz Power: 350 VA Temperature range: 0°C a 35°C Protection: IP20 Allows three modes of operation: 1) Shutter switch (P) 2) Blind dimmer (L) 3) Shutter centralization (C) Remote control terminals double button shutter (N2244).

STYLING ELEMENTS



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Styling elements for rocker 1 module	N2170	BL AN CV	Adjusted to the rockers N2101.X, N2102.X, N2110 y N2104.X
Styling elements for rocker 2 modules	N2270	BL AN CV	Adjusted to the rockers N2201.X, N2202.X, N2210 and N2204.X.
Styling elements for rocker 3 modules	N2370	BL AN CV	Adjusted to the rockers N2301.X, N2302.X, N2310 y N2304.X
Styling elements for rocker 1,5 modules	N2870	BL AN CV	Adjusted to the rockers N2801.X, N2802.X, N2810 y N2804.X

LED LAMPS



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
LED Illumination Kit for Rocker Switches 1P and Push Buttons	N2191	BL	White color with a green label at the front. Automatic connection. Supplied with 1 module and 2 modules indicator lamp.
LED Illumination Kit for Switches 1P and Push Buttons	N2191.1	BL	127 V~ / 60 Hz. White color and a white label at the front. Automatic connection. Supplied with 1.5, 2, 3 modules indicator lamp.
LED Illumination Kit for 2-way Rocker Switches, 2P and intermediate	N2192	NG	White color with a red label at the front. Automatic connection. Supplied with 1 module and 2 modules indicator lamp.
LED Illumination Kit for 2-way Rocker Switches, 2P and intermediate	N2192.1	NG	127 V~ / 60 Hz. White color and a black label at the front. Automatic connection. Supplied with 1.5, 2, 3 modules indicator lamp.

KEY SWITCHES



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Key Switch 2 positions	N2253	BL	125 - 250 V~ / 5 A Possibility to extract the key in both positions. Appropriate for alarm, etc. Connection and dimension drawing, see appendix.
Key Pulse Switch 3 positions	N2253.1	BL	250 V~ / 150 mA Key can be only extracted in "0" position. Appropriate for blinds, etc. Connection and dimension drawing, see appendix.
Key Pulse Switch 2 positions	N2253.2	BL	125 - 250 V / 5 A Key can be only extracted in "0" position. Appropriate for alarm, etc. Connection and dimension drawing, see appendix.

INSERTABLE MECHANISMS 2 MODULES WIDE

PULLCORD SWITCH



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Pullcord Switch	N2248	BL	16 A / 250 V~ Length of the cord: 1 m

BASES OF SOCKET OUTLETS



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Socket Outlet 2P European Shuttered	N2203	BL AN PL	16 A / 250 V~ With a safety system to avoid direct accidental contact. Protection level: IP21



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Socket Outlet with earthing pin Shuttered	N2287	BL AN PL	16 A / 250 V~ Suitable for appliances that need a polarized connection or circuits that request a differentiation to others. With a safety system to avoid direct accidental contact. Protection level: IP21



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Socket Outlet with earthing pin Shuttered	N2287	RJ	16 A / 250 V~ Suitable for appliances that need a polarized connection or circuits that request a differentiation to others. With a safety system to avoid direct accidental contact. Protection level: IP21




DESCRIPTION	CODE	COLOR	TECHNICAL DATA
SCHUKO Socket Outlet Shuttered	N2288	BL AN PL	16 A / 250 V~ With a safety system to avoid direct accidental contact. Protection level: IP21





DESCRIPTION	CODE	COLOR	TECHNICAL DATA
SCHUKO Socket Outlet For special circuits Shuttered	N2288	NA RJ VD	16 A / 250 V~ With a safety system to avoid direct accidental contact. Protection level: IP21

INSERTABLE MECHANISMS 2 MODULES WIDE


BASES OF SOCKET OUTLETS


DESCRIPTION	CODE	COLOR	TECHNICAL DATA
 <p>SCHUKO Socket Outlet with hinged lid Shuttered</p>	N2288.1	BL AN PL	16 A / 250 V~ With a safety system to avoid direct accidental contact. Protection level: IP21 To be used in dirty environment.


DESCRIPTION	CODE	COLOR	TECHNICAL DATA
 <p>SCHUKO Socket Outlet Automatic</p>	N2288.6	BL AN PL	16 A / 250 V~ Screwless connection. Each clamp receives a flexible cable up to 2 x 2,5 mm ² or a rigid thread until 2 x 4 mm ² . Saving wiring time by up to 40%.


DESCRIPTION	CODE	COLOR	TECHNICAL DATA
 <p>SCHUKO Socket Outlet Shuttered</p>	N2288.2	BL	16 A / 250 V~ With a safety system to avoid direct accidental contact. Protection level: IP21

VARIOUS


DESCRIPTION	CODE	COLOR	TECHNICAL DATA
 <p>Blanking Plate</p>	N2200	BL AN PL	


DESCRIPTION	CODE	COLOR	TECHNICAL DATA
 <p>Cable Outlet</p>	N2207	BL AN PL	With cable supporting flange.


DESCRIPTION	CODE	COLOR	TECHNICAL DATA
 <p>Fuse Holder</p>	N2208	BL AN PL	16 A / 250 V~ For calibrated fuses. Dimension: Ø 6 x 24 mm

DESCRIPTION	CODE	TECHNICAL DATA
 <p>Fusible 6 A</p>	6.1	Para 6 A
Fusible 10 A	10.1	Para 10 A
Fusible 16 A	16.1	Para 16 A
		For fuse holder Ref.: N2208 Dimension: ø 6 x 24 mm



INSERTABLE MECHANISMS 2 MODULES WIDE
VARIOUS



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
 Buzzer	N2219	BL AN PL	125 - 250 V~, 8 VA With screw to adjust sound volume. Acoustic power to 1 m distance: 76 dB



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
 Electronic Bell	N2224	BL AN PL	230 V~ 4 melodies Acoustic power to 1 m distance, with mounted plate: 72 dB

DESCRIPTION	CODE	COLOR	TECHNICAL DATA
 Thermomagnetic and differential protection 6A	N2234.1	BL AN PL	230 V ~ I Δ n = 10 mA Inominal = 6 A
Thermomagnetic and differential protection 10A	N2234.2	BL AN PL	230 V ~ I Δ n = 10 mA Inominal = 10 A
Thermomagnetic and differential protection 16A	N2234.3	BL AN PL	230 V ~ I Δ n = 10 mA Inominal = 16 A Thermomagnetic characteristics: Type C Differential characteristics: Type A

Mechanisms


DESCRIPTION	CODE	TECHNICAL DATA	Cover Plates	DESCRIPTION	CODE	COLOR
 Digital Thermostat	8140.5 8840.5	230 V~ / 50 Hz (8140.5) 127 V~ / 60 Hz (8840.5) Free voltage output (NA) Maximum load: 3A cos φ = 0,5 Operating modes: 1) Hysteresis: 0,5 °C 2) Temperature difference: \pm 4 °C depending on the required temperature. Temperature range: 0 °C to 50 °C Consumption <1W Mechanism valid for cover plate Ref.: N2240.5		Cover plate for digital thermostat Ref.: 8140.5	N2240.5	BL AN PL

DESCRIPTION	CODE	TECHNICAL DATA	Cover Plates	DESCRIPTION	CODE	COLOR
 Thermometer with alarm clock	8149.5 8849.5	230 V~ / 50 Hz (8149.5) 127 V~ / 60 Hz (8849.5) Temperature range: 0 °C to 50 °C Operating time of the clock without supply: 2 min Mechanism valid for cover plate Ref.: N2249.5		Cover plate for thermometer Ref.: 8149.5	N2249.5	BL AN PL

DESCRIPTION	CODE	TECHNICAL DATA	Cover Plates	DESCRIPTION	CODE	COLOR
 Code Switch for access control	8153.5 8853.5	230 V~ / 50 Hz (8153.5) 127 V~ / 60 Hz (8853.5) Connected load: 3A, cos φ = 0,5 Tolerance of the opening time: 7% Consumption < 1 W Mechanism valid for cover plate Ref.: N2253.5		Cover plate for code switch Ref.: 8153.5	N2253.5	BL AN PL

TELECOMMUNICATION OUTLETS

TELEPHONE OUTLETS

	DESCRIPTION	CODE	COLOR	TECHNICAL DATA
	Telephone Outlet with 6 contacts	N2217.6	BL AN PL	RJ 12 with 6 contacts. Valid for connector with 2, 4 and 6 contacts. In compliance with RD 279/1999 (ICT): Outlet for the Base of Access Terminal (BAT).

COMMUNICATION AND TELEPHONE OUTLETS

Mechanisms



DESCRIPTION	CODE	TECHNICAL DATA
Adapter RJ 45 Category 5E	2018	For connectors type KEYSTONE, AMP, BRAND-REX, OPENET-ICS, THT LEVITON, KRONE Adapter valid for cover plates Refs.: N2118.1, N2118.2



DESCRIPTION	CODE	TECHNICAL DATA
Adapter RJ 45 Category 5E	2018.8	Avaya Lucent-Technologies (AT&T) Adapter valid for cover plates Refs.: N2118.1, N2118.2



DESCRIPTION	CODE	TECHNICAL DATA
Telephone Outlet 6 contacts	2017.2	Connector RJ12 with 6 contacts Valid for connector with 2,4 and 6 contacts in compliance with RD 279/1999(ICT) Adapter valid for cover plate Ref.: N2218.1, N2218.2



DESCRIPTION	CODE	TECHNICAL DATA
Telephone Outlet 8 contacts RJ45 Category 3	2017.3	Connector RJ45 with 8 contacts. Category 3 S/UNE EN 50173 or ISO 11801. Valid for connector with 8 contacts, in compliance with RD 279/1999. Adapter valid for cover plate Ref.: N2218.1, N2218.2



DESCRIPTION	CODE	TECHNICAL DATA
Universal Data Connection Box RJ45, 8 contacts Category 5E (improved) UTP	2018.5	Frequency rate: 1-160 MHz Transmission rate: 1,2 Gb/sec In compliance with ISO 11801 Draft In compliance with FCC part 68 subpart F and IEC60603-7-2. Connection and dimension drawing, see appendix. Adapter valid for cover plates Refs.: N2218.1, N2218.2.

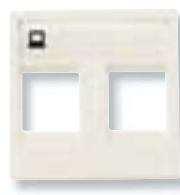


DESCRIPTION	CODE	TECHNICAL DATA
Universal Data Connection Box RJ45, 8 contacts Category 6 UTP	2018.6	Frequency rate: 1-300 MHz Transmission rate: 4,8 Gb/sec In compliance with ISO 11801 Draft In compliance with FCC parte 68 subparte F and IEC60603-7-3. Connection and dimension drawing, see appendix. Adapter valid for cover plates Refs.: N2218.1, N2218.2

Cover Plates



DESCRIPTION	CODE	COLOR
Cover plate 1-gang for telephone connection Refs.: 2017.2, 2017.3, 2018, 2018.5, 2018.6, 2018.8	N2218.1	BL AN PL



DESCRIPTION	CODE	COLOR
Cover plate 2-gang for telephone connection Refs.: 2017.2, 2017.3, 2018, 2018.5, 2018.6, 2018.8	N2218.2	BL AN PL

TELECOMMUNICATION OUTLETS

TELEVISION OUTLETS

	DESCRIPTION	CODE	COLOR	TECHNICAL DATA
	TV-R / SAT Socket Modular simple	N2251.3	BL AN PL	Socket for installation in star connection (without terminating resistor). Special Socket for workplaces and distributing centers.
	TV-R / SAT Socket Modular dead end feeder	N2251.7	BL AN PL	Socket for installation in series or parallel connection. Special Socket for workplaces and distributing centers
	TV-R / SAT Socket Modular loop through-type	N2251.8	BL AN PL	Socket for installation in series or parallel connection. Special Socket for workplaces and distributing centers

Mechanism



DESCRIPTION	CODE	TECHNICAL DATA
Installation system in Derivation TV-R Socket	8150	It is also suitable for Outlet 8151.71 Separates the call signal of TV and radio.
TV-R Socket with filter	8150.3	
Serial inductive: TV-R Socket Loop through-type	8150.7	From 2° to 4°.
TV-R Socket Initial	8150.8	From 5° to 9°.
<p>Certified by the central department of telecommunication. Mechanism valid for cover plate Ref.: N2250.8</p> <p>Mechanisms valid for cover plate Ref.: 2050.8 Expiring UNE 20628-2-79 and UNE 20523-7-76. In compliance with RD 279/1999. Regulating regulation of common Infrastructures of Telecommunications for the access to the services of Telecommunication inside edifices (ICT).</p>		
TV-R / SAT Socket Simple	8151.3	For installation in star connection (without terminating resistor).
TV-R / SAT Socket Dead end feeder	8151.7	Socket for installation in series or parallel connection.
TV-R / SAT Socket Loop through-type	8151.8	Socket for installation in series or parallel connection.

Mechanisms valid for cover plate Ref.: 2250.1
Expiring UNE 20628-2-79 and UNE 20523-7-76.
In compliance with RD 279/1999. Regulating regulation of common Infrastructures of Telecommunications for the access to the services of Telecommunication inside edifices (ICT).

Cover Plates



DESCRIPTION	CODE	COLOR
Tapa toma TV / R	N2250.8	BL AN PL

TECHNICAL DATA

Cover plates valid for mechanisms Refs.: 8150, 8150.3, 8150.7 and 8150.8. Prepared cover plates to fix the frame at the wall. Connection and dimension drawing, see appendix.



DESCRIPTION	CODE	COLOR
TV-R / SAT	N2250.1	BL AN PL

TECHNICAL DATA

Cover plates valid for mechanisms Refs.: 8151.3, 8151.7 and 8151.8. Prepared cover plates to fix the frame at the wall. Connection and dimension drawing, see appendix.

DIMMER







Natural light is not the same in winter as it is in summertime, nor is it the same in the morning as in the evening time. We do not need the same amount of light to read a book, as to watch television. Our lighting needs vary when we work in the office or make a presentation. Light intensity must be able to adapt to our needs in the moment. It has to be adapted in conjunction with natural light, to be useful in all instances.





This is why **NIESSEN** offers the most comprehensive range of dimmers in the market.










DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Dimmer	N2260	BL AN PL	230 V~, 50 Hz 127 V~, 50 Hz ☀ 40 - 450 W ⚡ 40 - 400 VA. With remote control terminal for conventional push buttons (N2X04.5) and orientation lamp. In compliance with EN 50081-1, EN 50082-1.
Calibrated Fuse	T-2A		5 x 20 time-controlled, 2A

DIMMER

DESCRIPTION	CODE	COLOR	TECHNICAL DATA
 Dimmer	N2260.1	BL AN PL	230 V~; 50 Hz  60 - 500 W  60 - 400 VA  60 - 500 VA With remote control terminal for conventional push buttons (N2X04.5). Orientation lamp. Overload and short-circuit protection.







DESCRIPTION	CODE	COLOR	TECHNICAL DATA
 Rotary Dimmer	N2160	BL AN PL	127 V~; 60 Hz  60 - 500 W  60 - 400 VA  60 - 400 VA Rotary regulation control. Overload and short circuit protection by means of a thermal fuse not rearmable.

DESCRIPTION	CODE	COLOR	TECHNICAL DATA
  Rotary/Touch Dimmer	N2260.2	BL AN PL	230 V~; 50 Hz  60 - 500 W  60 - 400 VA  60 - 500 VA Possibility to control the light intensity with rotary and push action. With remote control terminal for conventional push buttons (N2X04.5). Orientation lamp. Overload and short-circuit protection.
 Rotary Dimmer for fluorescent	N2260.9	BL AN PL	230 V~ 50 Hz  700 VA for controlling electronic control gears for fluorescent lamps with control output 0/1-10 V DC. Orientation lamp. Overload and short-circuit protection.

TIME SWITCH



This solution can operate lighting for a set time in your stairwell or at the entrance to your home, or for use in public areas.

DESCRIPTION	CODE	COLOR	TECHNICAL DATA
 Time delay Switch	N2262	BL AN PL	230 V~ / 50 Hz Time delay from 9 sec to 240 sec Maximum power:  1000 W  1000 VA cosφ = 0.6  650 VA For fluorescent lamps. Fuse protection T-5A With remote control terminal for conventional push buttons (N2X04.5) and orientation lamp. Connection and dimension drawing, see appendix
 Time delay Switch of Triac	N2262.1	BL AN PL	230 V ~ / 50 Hz Time delay range from 10 sec to 10 min. Maximum power:  40-500 W  40-400 VA Small power motors 40-100 VA. Orientation lamp.
 Calibrated Fuse	T-5A		Time-controlled

ROCKER MOVEMENT DETECTOR

NEW



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Rocker movement detector	N2241	BL AN PL	230 V~ 50 Hz / 127 V~ 50 Hz 1.000 W 400 VA 200 VA Output potential-free relay: 2 terminals. Control through auxiliary buttons (N2X04). Adjustable brightness. Disconnection delay: 10 sec- 10 min Detection range: max 5 m, angle 110° Front selector for operating mode (always ON, Automatic, always OFF).

NIESSEN AUDIO WORLD

The **NIESSEN** audio range provides a high quality audio system. It will allow you to listen to music from any room in the house, providing great comfort and offering the chance to differentiate your home from all others. How? We fill your home with music. **ZENIT** with its unique aesthetic design and versatility differs from all other market competitors. In offering the full spectrum of colors and finishes within the **ZENIT** range, the uniqueness of the brand is ensured.

■ Music in ceilings and walls:

In each living space we can install 5" loudspeakers to achieve a high quality stereo system. Or we can install a small 2" loudspeaker that can be flush mounted.

■ Music in privacy:







The flush mounted controllers can be used to listen to music with head phones. When these are connected it cancels the sound from all other loudspeakers. The controllers can also be used to connect other audio devices such as radios, mp3 players and in doing so, take full advantage of the quality of the sound system with the ceiling loudspeakers.



■ Intercom and surveillance:

This is especially useful in homes for elderly people, physically challenged, or children; where it can be used for surveillance or to transmit messages without ever having to walk to the room. It also has a "do not disturb" function when you do not want to receive any messages.

CENTRAL UNITS

DESCRIPTION	CODE	TECHNICAL DATA
 Single stereo channel audio central unit	9330	230 V~ ±10%, 50/60 Hz Telecontrol main socket: 200 VA max. at 230 V~ Standby consumption: 3 VA, max. power 30 VA DC output 15 V~, 1,2 A stable; 2,7 A maximum over 16 sec Input: 150 mV / 40 kΩ and 316 mV / 75 kΩ Telecontrol: (ON / OFF) 1,5 sec / 5 sec Fuse protected.
 2 stereo channel audio central unit with radio tuner able to store up to 8 channels	9330.2	Containing flush-mounting box and embellishing. Up to 30 controls can be installed per central unit. See connection and dimension drawing to determine the number of transmission lines.
 2 stereo channel audio central unit with radio tuner and clock	9330.3	127 V~ 50/60 Hz Telecontrol main socket: 200 VA max. at 230 V~ Standby consumption: 3 VA, max. power 30 VA DC output 15 V~, 1,2 A stable; 2,7 A maximum over 16 sec Input: 150 mV / 40 kΩ and 316 mV / 75 kΩ Telecontrol: (ON / OFF) 1,5 sec / 5 sec Fuse protected.
 Single stereo channel audio central unit	9330.9	Containing flush-mounting box and embellishing. Up to 30 controls can be installed per central unit. See connection and dimension drawing to determine the number of transmission lines.
 2 stereo channel audio central unit with radio tuner able to store up to 8 channels	9330.8	230 V~ ±10%, 50/60 Hz Telecontrol main socket: 200 VA max. at 230 V~ Standby consumption: 3 VA, max. power 30 VA DC output 15 V~, 1,2 A stable; 2,7 A maximum over 16 sec Input: 150 mV / 40 kΩ and 316 mV / 75 kΩ Telecontrol: (ON / OFF) 1,5 sec / 5 sec Fuse protected.
 2 stereo channel audio central unit with radio tuner and clock	9330.7	Containing flush-mounting box and embellishing. Up to 30 controls can be installed per central unit. See connection and dimension drawing to determine the number of transmission lines.
Calibrated fuse	F3, 15A	

NIESSEN AUDIO WORLD CONTROLS

Mechanism



DESCRIPTION	CODE	TECHNICAL DATA
2 channel mono control unit	9358.2	Power supply: 12 to 16V~ Consumption: - OFF 12 mA - ON 57 mA - Max. Power: 178 mA Audio power: 1,5 W over 16 Ω Loudspeaker: 1 of 16 Ω Ref.: 9329 or 9329.1 Volume with loudness, reinforcing. Mechanism valid for cover plate Ref.: N2258.2



DESCRIPTION	CODE	TECHNICAL DATA
2 channel stereo audio control unit	9358.3	Power supply: 12 to 16 V~ Consumption: - OFF 20 mA - ON 70 mA - Max. Power: 320 mA Audio power: 1,5 W + 1,5 W over 16 Ω Loudspeaker: 1 or 2 of 16 Ω. 2 of 16 Ω for stereo, one for each channel. S+L - S+R. Ref.: 9329 or 9329.1 Volume with loudness, reinforcing. Mechanism valid for cover plate Ref.: N2258.3



DESCRIPTION	CODE	TECHNICAL DATA
Intercom unit and 2 channel stereo audio control unit	9358.4	Power supply: 12 to 16 V~ Consumption: - OFF 25 mA - ON 66 mA - Max. Power: 311 mA Audio power: 1,5 W + 1,5 W over 16 Ω Loudspeaker: 1 or 2 of 16 Ω 2 of 16 Ω for stereo, one for each channel. S+L - S+R. Ref.: 9329 or 9329.1 Volume with loudness, reinforcing. Mechanism valid for cover plate Ref.: N2258.4



DESCRIPTION	CODE	TECHNICAL DATA
Intercom unit and 2 channel stereo audio control unit	9358.6	Power supply: 12 to 16 V~ Consumption: - OFF 55 mA - ON 85 mA - Max. Power: 300 mA Audio power: 1 W + 1 W over 16 Ω Loudspeaker: 2 of 16 Ω for stereo, one for each channel. S+L - S+R. Ref.: 9329 or 9329.1 Volume control: 64 dB Base and treble control: ±12 dB Mechanism valid for cover plate Ref.: N2258.6

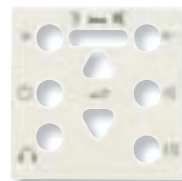
Cover Plate



DESCRIPTION	CODE	COLOR
Cover plate for mono Ref.: 9358.2	N2258.2	BL AN PL



DESCRIPTION	CODE	COLOR
Cover plate for stereo Ref. 9358.3	N2258.3	BL AN PL



DESCRIPTION	CODE	COLOR
Cover plate for intercom unit Ref. 9358.4	N2258.4	BL AN PL

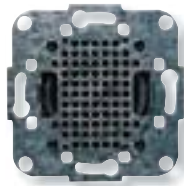


DESCRIPTION	CODE	COLOR
Cover plate for intercom unit display Ref. 9358.6	N2258.6	BL AN PL

NIESSEN AUDIO WORLD

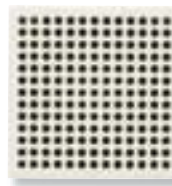
LOUDSPEAKERS

Mechanisms



DESCRIPTION	CODE	TECHNICAL DATA
Loudspeaker 2"	9329	Flush-mounting in universal box Max. Power: 2 W Speaker impedance: 16 Ω Response frequency: 170 Hz to 15 kHz Connection without screws. Mechanism valid for cover plates Refs.: N2229, 9399.4

Cover Plate



DESCRIPTION	CODE	COLOR
Cover plate for loudspeaker 2" Ref.: 9329	N2229	BL AN PL



DESCRIPTION	CODE	COLOR
Styling grid for loudspeaker 2" Ref.: 9329	9399.4	BA NG

TECHNICAL DATA

To combine with code 9329 and wall-box 1099 or box 999.
Medidas: Ø 91 mm.
For bathroom, corridors, kitchen and kind of counter, office, etc. ceilings.



DESCRIPTION	CODE	TECHNICAL DATA
Loudspeaker 5"	9329.1	Installation in flush box Ref.: 9399 drilling 175 mm or embedded ring Ref.: 9399.1 drilling 160 mm Max. Power: 6 W Impedance: 16 Ω Response frequency: 70 Hz to 10 kHz



DESCRIPTION	CODE
Flush box for loudspeaker 5"	9399
Embedded ring"	9399.1
Styling grid	9399.2

TECHNICAL DATA

9399, for ceiling and solid walls. Drilling: 175 mm
9399.1, for ceiling and hollow soffits. Supporting flanges and springs are enclosed.
Drilling: 160 mm
9399.2, White. Ø 186 mm. Fixation by central screw.

AUDIO AMPLIFIERS



DESCRIPTION	CODE	TECHNICAL DATA
Audio amplifier	9335.2	127 V~ ±10%, 60 Hz Consumption: 3,5 VA (max. 36 VA)
Audio amplifier with permanent on signal	9335.3	Sound output: 10+10 W (2Ω) / 20 W (4 Ω) Speaker impedance: 2 ÷ 16 Ω (10+10W) 4 ÷ 16 Ω (20 W) DC output: 15 V~ (max. 1,5 A) Up to 5 amplifiers per control unit. DIN rail mounting. For individual installation of 9358.5, use 9335.1 Length x Width x Height: 135 x 120 x 80 mm

ACCESSORIES



DESCRIPTION	CODE	TECHNICAL DATA
Flush-mounted Box	9399.3	To install 9330, 9330.2 and 9330.3. Length x Width x Height: 265 x 130 x 45 mm Only for pre-installation. Includes installation and assembly manual of the whole sound range.



DESCRIPTION	CODE	TECHNICAL DATA
Connector from central unit to audio source	9330.5	Length of the cable: 1 m Central input: Connector of audio universal Music output: Connectors RCA

NIESSEN AUDIO WORLD

ACCESSORIES



DESCRIPTION	CODE	TECHNICAL DATA
8 core cable for 1 or 2 channel audio installations	9398	Cable of 100 m. Section of cables: - Red and yellow/green: 1 mm ² - Rest: 0,4 mm ²

NIESSEN SIGNALLING SYSTEM

The new range of light signal systems can cover all necessities for homes, public places, thus increasing people safety using a very carefully designed aesthetic. Functions:

■ Signalling:

Signalling with a white LED light to allow passage, not to allow passage, exit indication etc. Its design is integrated in the ZENIT range. The cover is tamper proof, via a small fix with 2 screws. It can be used with different icons.

■ Selective Entry Pass:

Way indicator to restrict entry with a red or green light, created with LED technology. This can be installed with a two way switch to indicate entry authorization or deny access, and is part of the ZENIT range.



■ Beacon:

Self operated device with a rechargeable battery that guaranties the proper light indication in case of the loss of mains voltage below 70%. It can also operate as a beacon or courtesy light with a blue or white LED light. It is available in all the aforementioned ranges which include a new specific design for stairwells.

SIGNALLING



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
LED Signalling LED white	N2180	BL	230 V~; 50 Hz Luminous flux > 2 lumen to 1 m. Illumination by LED. Suppression of interferences in compliance with UNE-21806 and EN-55014.
LED red		RJ	
LED green		VD	



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
LED Indicator Light 2 modules	N2280	BL	230 V~; 50 Hz Luminous flux > 2 lumen to 1 m. Illumination by LED. Suppression of interferences in compliance with UNE-21806 and EN-55014.
LED Indicator Light pass - wait	N2280.2	RJ/ VD	

LABELS



DESCRIPTION	CODE	TECHNICAL DATA
Signalling labels Zenit	N2281.1	Valid for mechanisms Refs.: N2280BL, N2280.2 RJ/VD and N2281BL



NIESSEN SIGNALLING SYSTEM

LIGHT BEACONS

The new light beacons offer two types of mechanisms, one for each of our catalogue lines and a flush mounted stairwell option. They have three functions:



■ **Courtesy light:**

When the device is connected to the electricity main power, the signal LEDs will light in white or blue depending on the configuration selector at the back of the device.

■ **Beacon:**

When the electricity tension is below 70%, the high brightness LEDs are fed by the batteries in the device. In this state the beacon can last for three hours.

■ **Stand-By:**

By using a remote control connected to the device we can select a number of devices from the total installed, which will remain powered off during the loss of voltage. By this course of action we will preserve full battery power so it can be used if the electricity is down for a longer period of three hours.

The light signalling device can be used in public places to evacuate people to the exit point in the case of emergency. They are designed under the UNE 60598-2-22 standards and comply with all requirements for emergency lighting.

It can be used according to RD 2816/82 (BOE 6/11/82) and MIE-BT0254, RD314/2006 and ITC-BT-28 of REBT 2002 for public spaces as a signal light.

NEW



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Emergency Lamp	N2281	BL	230 V~ ; 50 Hz Fluminous flux > 2 lumen to 1 m. Autonomy: 3 h 1 h at max. illumination and 2 h at lower illumination. Nickel-metal hydride battery (Ni-MH), minimal environmental impact in compliance with RD2816/1982 (Art. 15.2), RD314/2006 (DB-SU4), REBT 2002 (ITC-BT-28) and UNE-EN60598-2-22.

INSERTABLE MECHANISM 3 MODULES WIDE



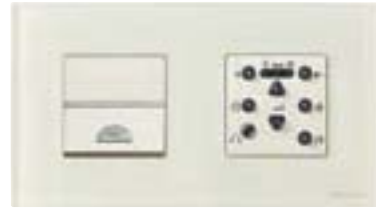
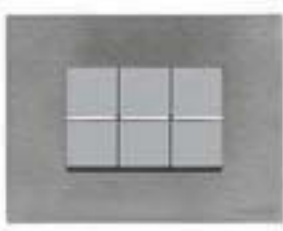
- All **16 A** mechanisms are insertable and offer maximum quality with a reduced number of references.
- They are **robust, hardy and compact**; and can be inserted from the front of the plate.
- They are designed to **hold the adapter mechanism firmly** therefore avoid balancing problems.
- They have a **reduced depth, only 21 mm**, which allows more connection space for wires.
- Designed with **larger snap-on connectors**, to make a smoother and more comfortable automatic connection for the installer.
- They have been manufactured with **high quality and recycable plastic**.
- The rocker cover can be easily removed to **replace the lamp from the front end**.

DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Rocker switch 1P	N2301	BL AN PL	16AX / 127 V~ / 250 V~ Lit with LED Ref: N2191.1
Rocker switch 2P-way	N2302	BL AN PL	16AX / 127 V~ / 250 V~ Lit with LED Ref: N2192.1
Intermediate switch	N2310	BL AN PL	16AX / 127 V~ / 250 V~ Lit with LED Ref: N2192.1

DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Push button with bell symbol	N2304	BL AN PL	16A / 127 V~ / 250 V~

DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Socket-Outlet	N2328	BL AN PL	15 A, 127 V~ 60 Hz With child protection.

FRAMES



NEW

DESCRIPTION	CODE	COLOR	TECHNICAL DATA
BL Frame 1 module	N2271	BL	Dimension for BL, AN, PL y CV: 85 x 85 mm. // Dimension for CB, CN, WG, OX y PZ: 90 x 90 mm. // With clamps, for universal box (Ref.: 1099).
AN		AN	
PL		PL	
CV		CV	
CB		CB	
CN		CN	
WG		WG	
OX		OX	
PZ		PZ	

FRAMES FOR COMBINATIONS

2, 3 and 4 module frames have the possibility of being combined with mechanisms 1 and 2 modules wide, which are installed on a metallic support. It can be fixed with screws or clamps in the universal connection box.

Quick frame fix on the support with no need of screws.

Versatile frames that can be installed horizontally and vertically.



NEW

DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Frame 2 gang	N2272	BL	Dimension for BL, AN, PL y CV: 156 x 85 mm. // Dimension for CB, CN, WG, OX y PZ: 161 x 90 mm // For universal box Ref: 1099
Frame 3 gang		AN	
Frame 4 gang		PL	
		CV	
	N2273	CB	Dimension for BL, AN, PL y CV: 227 x 85 mm. // Dimension for CB, CN, WG, OX y PZ: 232 x 90 mm // For universal box Ref: 1099
		CN	
		WG	
		OX	
	N2274	PZ	Dimension for BL, AN, PL y CV: 298 x 85 mm. // Dimension for CB, CN, WG, OX y PZ: 303 x 90 mm // For universal box Ref: 1099



DESCRIPTION	CODE	TECHNICAL DATA
Screws	N2071.1	For anti-vandalism system of Zenit frames. Connection and dimension drawing, see appendix.


BASIC FRAMES




DESCRIPTION	CODE	COLOR	TECHNICAL DATA
Basic Frame 1 module	N2171.1	BL	
Basic Frame 2 modules	N2271.1	BL	Dimension: 85 x 85 mm For universal box (Ref.: 1099).


FRAMES

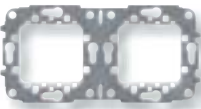
BASIC FRAMES

	DESCRIPTION	CODE	COLOR	TECHNICAL DATA
	Basic Frame 2-gang	N2272.1	BL	Dimension: 156 x 85 mm
	Basic Frame 3-gang	N2273.1	BL	Dimension: 227 x 85 mm
	Basic Frame 4-gang	N2274.1	BL	Dimension: 298 x 85 mm For universal box (Ref.: 1099).


METAL MOUNTING PLATE

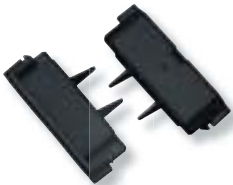
	DESCRIPTION	CODE	TECHNICAL DATA
	Metal Mounting Plate for universal box without clamps	N2271.9	Possibility to mount elastic clamps Ref.: N2071.9 to reduce wiring time.

	DESCRIPTION	CODE	TECHNICAL DATA
	Metal Mounting Plate with clamps	N2271.9G	Metal mounting plate for all types of boxes.

	DESCRIPTION	CODE	TECHNICAL DATA
	Metal Mounting Plate 2-gang without clamps	N2272.9	For horizontal installation.

CLAMPS

	DESCRIPTION	CODE	TECHNICAL DATA
	Elastic clamps	N2071.9	Adaptable to metal mounting frame Ref.: N2271.9 Saving wiring time. Connection and dimension drawing, see appendix.

	DESCRIPTION	CODE	TECHNICAL DATA
	Clamps Accessories	N2071.8	Adaptable to metal mounting frame Ref.: N2271.9, to be used in narrow mechanisms. Connection and dimension drawing, see appendix.

CLAMPS

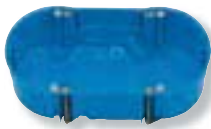
BOXES



DESCRIPTION	CODE	TECHNICAL DATA
Universal Box	1099 1199	Unit per box: 50 Unit per box: 250 Permits the entrance of two tubes for each side. Connectable. Horizontal and vertical fixation possible. Distance between screws: 60 mm



DESCRIPTION	CODE	TECHNICAL DATA
Hollow Wall Box	999	Distance between screws: 60 mm With back retention. Diameter of boring: 68 mm



DESCRIPTION	CODE	TECHNICAL DATA
Double Hollow Wall Box	999.2	Distance between screws: 60 mm With back retention. Diameter of boring: 68 mm Distance between centres: 71 mm



DESCRIPTION	CODE	TECHNICAL DATA
Milling cutter with reamer and ejector	999.6	Diameter: 68 mm Depth: 36 mm

RECTANGULAR FRAMES

Rectangular frames offer the possibility of inserting mechanism 1, 2 or 3 modules wide that can be installed on a metallic support and fixed with screws in rectangular type connection box flush or on the surface. Quick frame fix on the support with the need of screws.

MONOBOX FRAMES



DESCRIPTION	CODE	COLOR	TECHNICAL DATA
-------------	------	-------	----------------

Frame 1 module	N2471	BL AN PL CV	
----------------	--------------	----------------------	--



Frame 2 modules	N2472	BL AN PL CV	
-----------------	--------------	----------------------	--



Frame 3 modules	N2473	BL AN PL CV CB CN WG OX PZ	
-----------------	--------------	--	--

Dimension for BL, AN, PL y CV: 117 x 85 mm. //
Dimension for CB, CN, WG, OX y PZ: 122 x 90 mm //
For monobox Ref: 1099

NEW

RECTANGULAR FRAMES

BASIC FRAMES

	DENOMINACIÓN	CÓDIGO	COLOR	DATOS TÉCNICOS
	Basic frame 1 module	N2471.1	BL	Dimensions: 117 x 85 mm. For box Ref.: 499.3
	Basic frame 2 modules	N2472.1	BL	
	Basic frame 3 modules	N2473.1	BL	

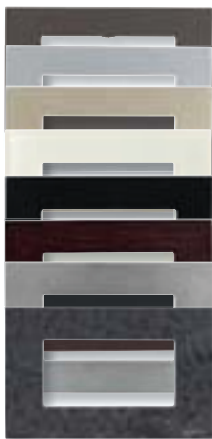
METAL MOUNTING FRAME

	DESCRIPTION	CODE	TECHNICAL DATA
	Metal Mounting Frame For Monobox	N2473.9	For frames N2471, N2472 and N2473.

MONOBOX

	DESCRIPTION	CODE	TECHNICAL DATA
	Monobox with screws	499.3	Distance between screws: 83,5 mm For frames 117 x 85 mm of Zenit and 112 x 80 mm of Stylo.

FRAMES 4 MODULES




4 module wide frames offer the possibility of inserting mechanism 1, 2 or 3 modules wide that can be installed on a metallic support and fixed with screws in american type connection box flush or on the surface. For frames 12, 18 or 24 modules wide, please view the chapter about centralization systems. Quick frame fix on the support with the need of screws.


	DESCRIPTION	CODE	COLOR	TECHNICAL DATA
	Frame 4 modules	N2474	BL AN PL CV CB CN WG OX PZ	Dimension for BL, AN, PL y CV: 139 x 85 mm. // Dimension for CB, CN, WG, OX y PZ: 144 x 90 mm // For monobox Ref: 1099

FRAMES 4 MODULES

METAL MOUNTING FRAME 4 MODULES

DESCRIPTION	CODE	TECHNICAL DATA
 Metal Mounting Plate	N2474.9	For frame N2474.

BOX FOR 4 MODULES

DESCRIPTION	CODE	TECHNICAL DATA
 Box for 4 modules With screws	1499.4	Distance between screws: 107 mm

SURFACE MOUNTED BOXES AND ADAPTORS



Zenit is known for both its design and the fact that it is highly adaptable. The new plate covers for woodwork, surface mounted boxes, boxes for workstations, support for DIN rails, etc. mean that Zenit can cover all kinds of installations from beginning to end with a single range.

- **Thin walls cover plates** that allow the range to blend in with wooden walls and screens (1 to 2 single modules or 2 vertical modules).
- **Surface-mounted units:** 4 models for installations with tubes or conduits: Two models for those with 2 modules, one for 3-module single boxes and one for 4 single modules.
- **DIN rail support**, an adapter for fitting 2-module mechanisms to electricity rails.

SURFACE MOUNTED BOXES

NEW



DESCRIPTION	CODE	COLOR	TECHNICAL DATA								
Surface Mounted box 2 modules wide. Frame incorporate	N2991.1	BL	For 2 mechanism of 1 module or 1 of 2 modules. Inlet in 4 sides forcable or tube adapter N2999: <table border="1"> <thead> <tr> <th>TRUNKING</th> <th>REF. ADAPTER UNEX</th> </tr> </thead> <tbody> <tr> <td>10 x 22</td> <td>78672</td> </tr> <tr> <td>10 x 30</td> <td>78673</td> </tr> <tr> <td>16 x 16</td> <td>78681</td> </tr> </tbody> </table> Dimensions: 64 x 70 x 47 mm.	TRUNKING	REF. ADAPTER UNEX	10 x 22	78672	10 x 30	78673	16 x 16	78681
TRUNKING	REF. ADAPTER UNEX										
10 x 22	78672										
10 x 30	78673										
16 x 16	78681										

NEW



DESCRIPTION	CODE	COLOR	TECHNICAL DATA								
Surface Mounted box 1 and 2 modules wide.	N2991	BL	For 2 mechanism of 1 module or 1 of 2 modules. Inlet in 4 sides forcable or tube adapter N2999: <table border="1"> <thead> <tr> <th>TRUNKING</th> <th>REF. ADAPTER UNEX</th> </tr> </thead> <tbody> <tr> <td>10 x 22</td> <td>78672</td> </tr> <tr> <td>10 x 30</td> <td>78673</td> </tr> <tr> <td>16 x 16</td> <td>78681</td> </tr> </tbody> </table> Dimensions: 85 x 85 mm. Ref.: N2271 XX, N2171.1 BL	TRUNKING	REF. ADAPTER UNEX	10 x 22	78672	10 x 30	78673	16 x 16	78681
TRUNKING	REF. ADAPTER UNEX										
10 x 22	78672										
10 x 30	78673										
16 x 16	78681										


NEW




DESCRIPTION	CODE	COLOR	TECHNICAL DATA								
Surface Mounted monobox wide.	N2993	BL	Inlet in 4 sides forcable or tube adapter N2999: <table border="1"> <thead> <tr> <th>TRUNKING</th> <th>REF. ADAPTER UNEX</th> </tr> </thead> <tbody> <tr> <td>10 x 22</td> <td>78672</td> </tr> <tr> <td>10 x 30</td> <td>78673</td> </tr> <tr> <td>16 x 16</td> <td>78681</td> </tr> </tbody> </table> Dimensions: 85 x 117 mm. Ref.: N2471 XX, N2472 XX, N2473 XX	TRUNKING	REF. ADAPTER UNEX	10 x 22	78672	10 x 30	78673	16 x 16	78681
TRUNKING	REF. ADAPTER UNEX										
10 x 22	78672										
10 x 30	78673										
16 x 16	78681										


SURFACE MOUNTED BOXES AND ADAPTORS


SURFACE MOUNTED BOXES


	DESCRIPTION	CODE	COLOR	TECHNICAL DATA				
	Surface Mounted box 4 modules wide.	N2994	BL	Inlet in 4 sides forcable or tube adapter N2999: Dimensions: 85 x 140 mm. Ref.: N2474 XX				
					<table border="1"> <thead> <tr> <th>TRUNKING</th> <th>REF. ADAPTER UNEX</th> </tr> </thead> <tbody> <tr> <td>10 x 22</td> <td>78672</td> </tr> <tr> <td>10 x 30</td> <td>78673</td> </tr> <tr> <td>16 x 16</td> <td>78681</td> </tr> </tbody> </table>	TRUNKING	REF. ADAPTER UNEX	10 x 22
TRUNKING	REF. ADAPTER UNEX							
10 x 22	78672							
10 x 30	78673							
16 x 16	78681							

	DESCRIPTION	CODE	COLOR	TECHNICAL DATA
	Tube adapter	N2999	BL	Valid for, N2991 BL, N2991.1 BL, N2993 BL and N2994 BL, tube adapter for Ø16, Ø20, Ø25.


THIN WALL COVER PLATES INSTALLATION

	DESCRIPTION	CODE	COLOR	TECHNICAL DATA
	Cover plate for furniture installation. 1 frame	N2671	BL	For 1 mechanism of 1 module. Size: 68 x 32 mm. Perforation: 50 x 26 mm. Includes assembling template. Specially indicated for installation on structures of reduced dimensions. Cover plates provided with fkush boxes, with threaded screws.

	DESCRIPTION	CODE	COLOR	TECHNICAL DATA
	Cover plate for furniture installation. 2 frame	N2671.2	BL	For 2 mechanism of 1 module. Size: 126 x 32 mm. Perforation: 108 x 26 mm. Includes assembling template. Specially indicated for installation on structures of reduced dimensions. Cover plates provided with fkush boxes, with threaded screws.

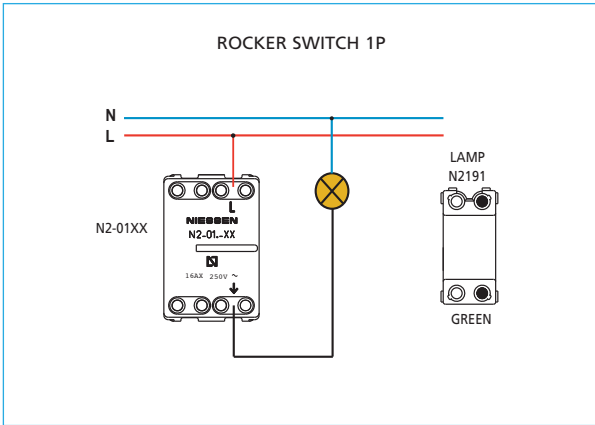
	DESCRIPTION	CODE	COLOR	TECHNICAL DATA
	Cover plate for furniture installation. 1 frame. 2 modules	N2672	BL	For 1 mechanism of 2 modules or 2 mechanism. Size: 68 x 54 mm. Perforation: 50 x 49 mm. Includes assembling template. Specially indicated for installation on structures of reduced dimensions. Cover plates provided with fkush boxes, with threaded screws.

SUPPORT DIN RAIL

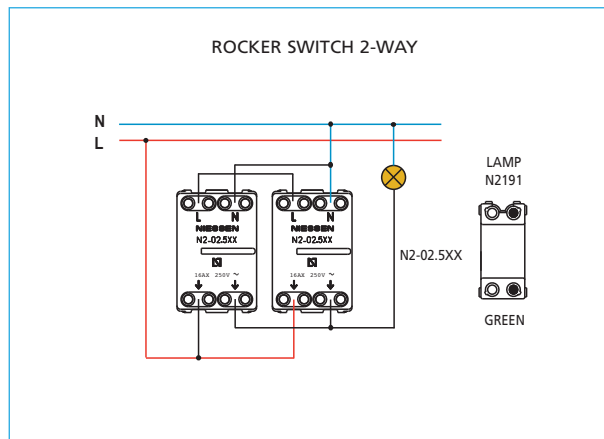
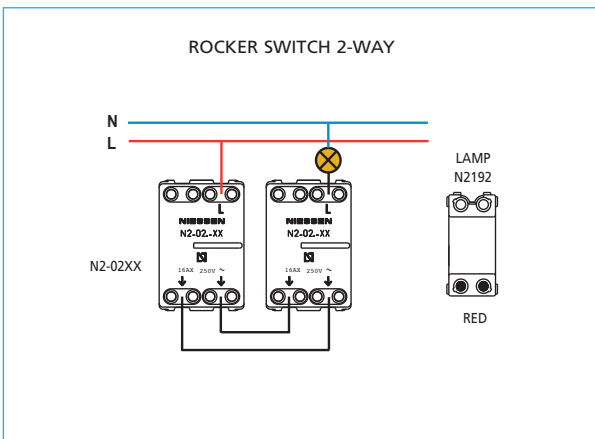
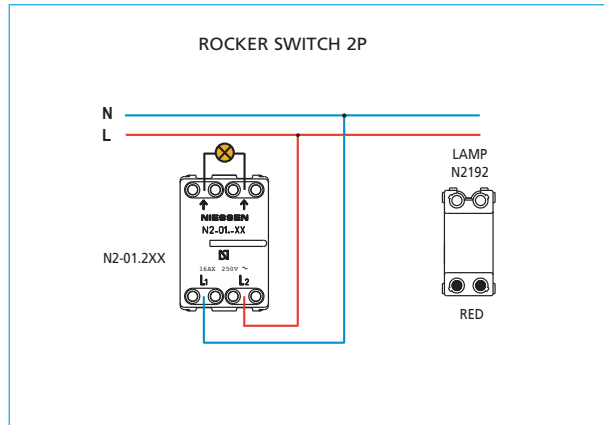
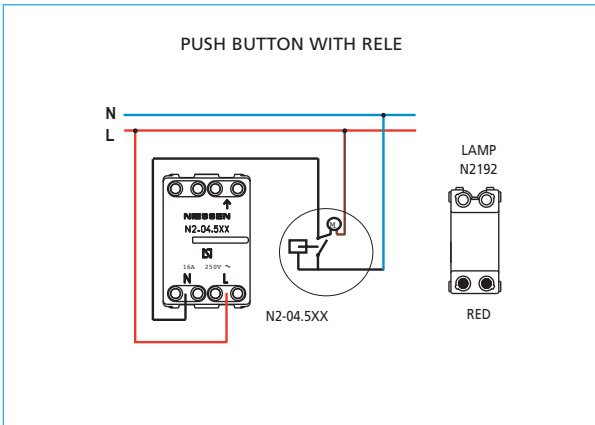
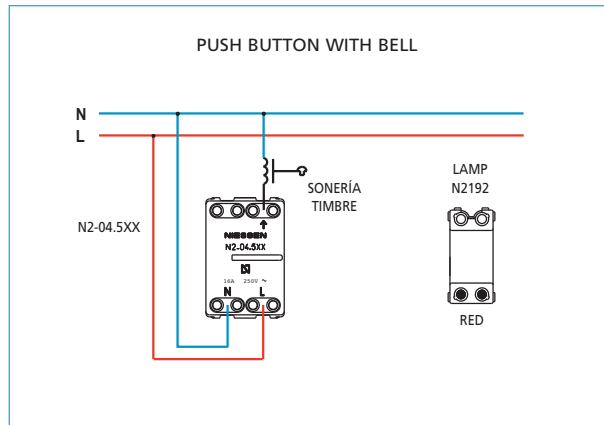
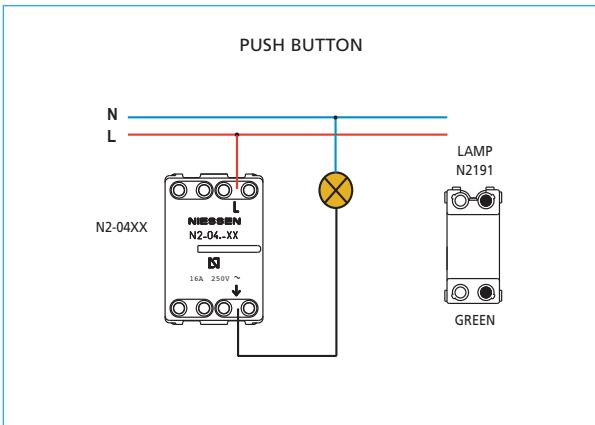
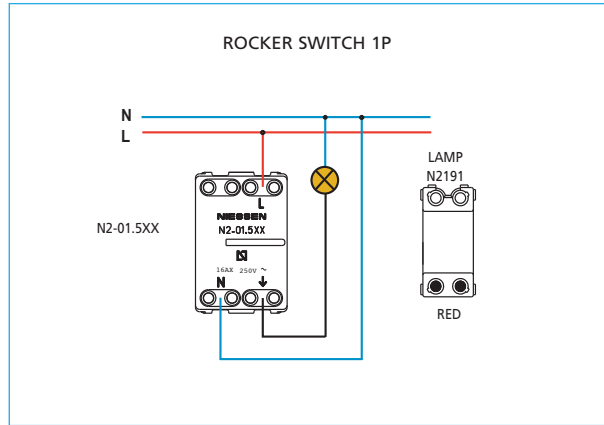
	DESCRIPTION	CODE	COLOR	TECHNICAL DATA
	Support 2 modules for DIN rail	N2692	BL	According EN 50022 Colour white RAL - 9010 53,5 mm Mounting mechanism Zenit in DIN for rail distribution boards

ZENIT MECHANISM

WITH ORIENTATION LAMP

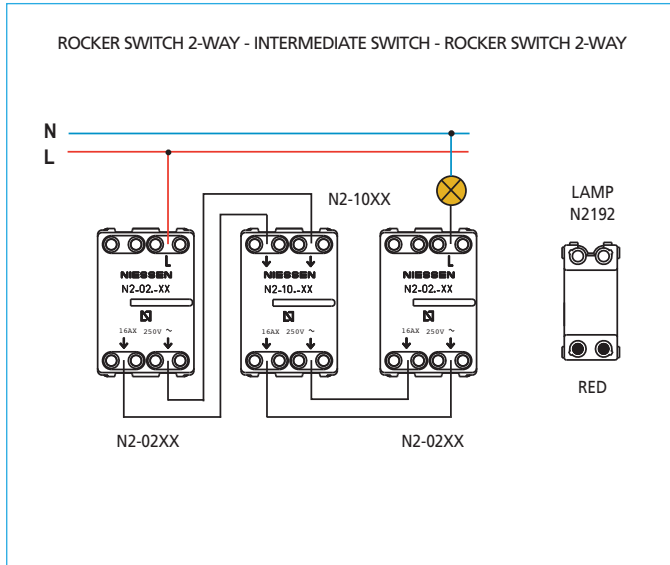


WITH CONTROL LAMP

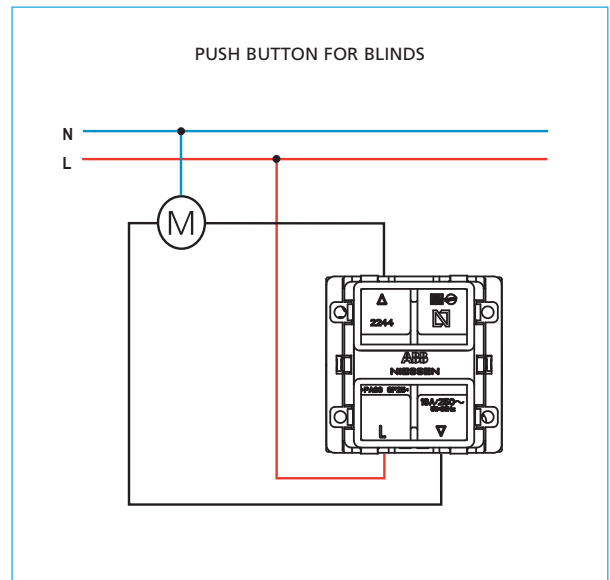
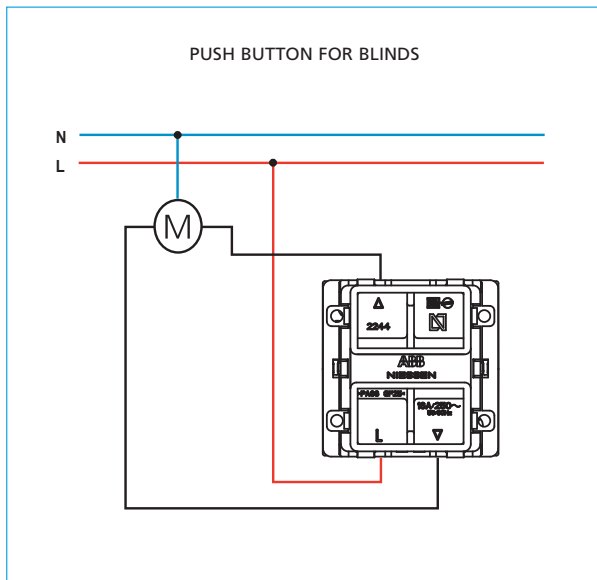
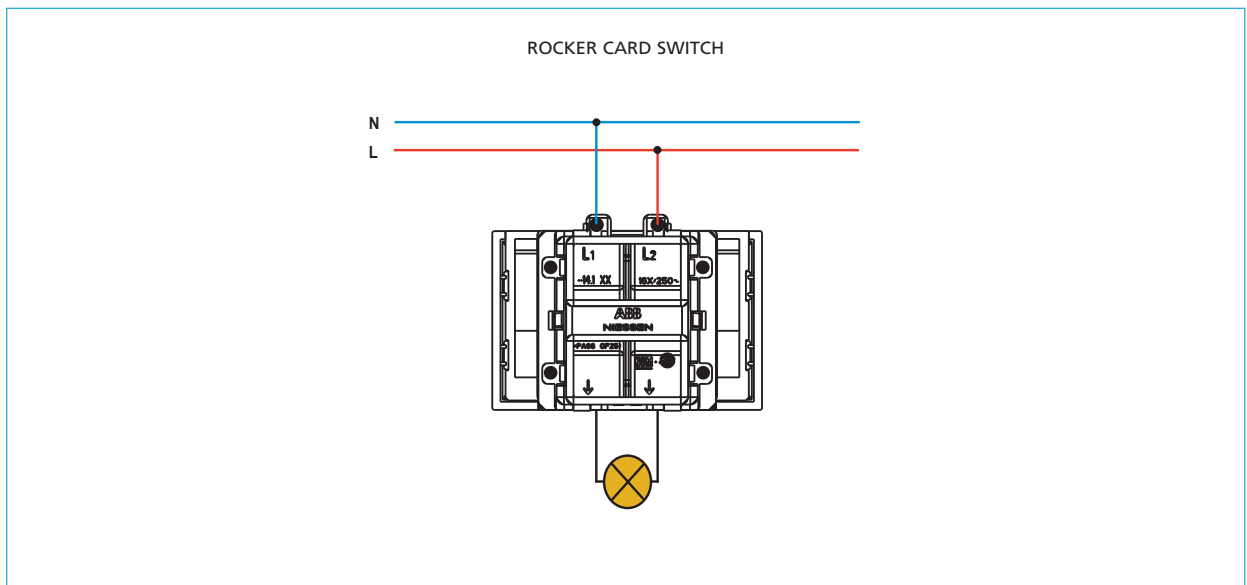
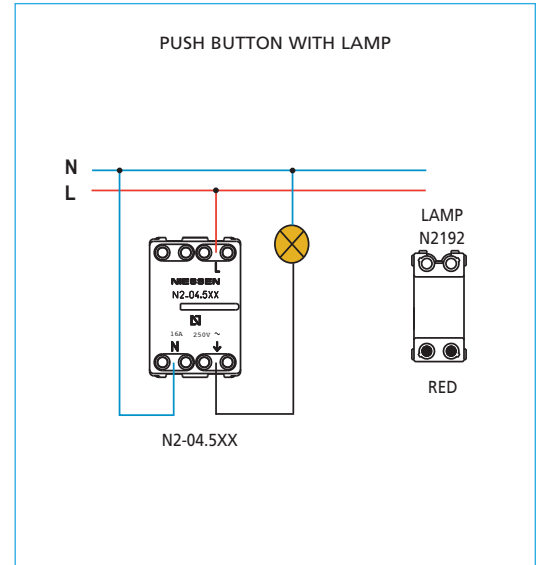


ZENIT MECHANISM

WITH ORIENTATION LAMP



WITH CONTROL LAMP

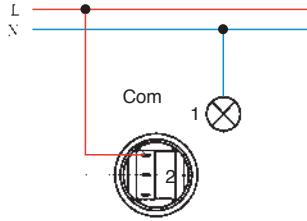


ZENIT MECHANISM
ELECTROMECHANIC FUNCTIONS

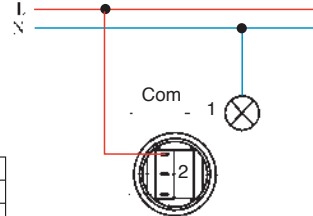
ROCKER SWITCH 1P - ROCKER SWITCH 2-WAY (N2253) / PUSH BUTTON (N2253.2) KEY 2 POSITIONS

DIAGRAM AS A ROCKER SWITCH / PUSH BUTTON
8153, N2253 / 8153.2, N2253.2

DIAGRAM AS ROCKER SWITCH 2-WAY

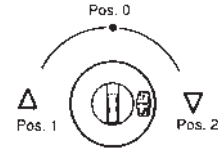
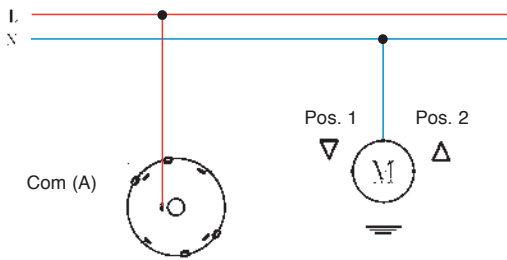


Key position	Active contacts
1	Com and 1
2	Com and 2



∴

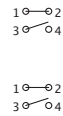
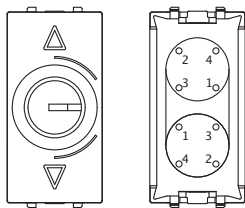
CONMUTADOR LLAVE TRES POSICIONES
Código: 8153.1, N2253.1



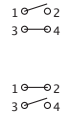
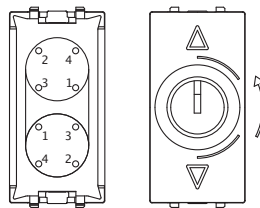
Key position	Active contacts
0	Com and 1
1	Com and 10
2	Com and 4

KEY ROCKER SWITCH 2WAY 3 POSITIONS

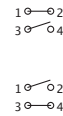
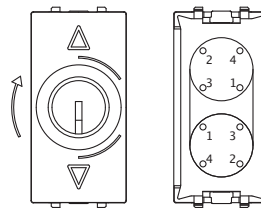
Position 0



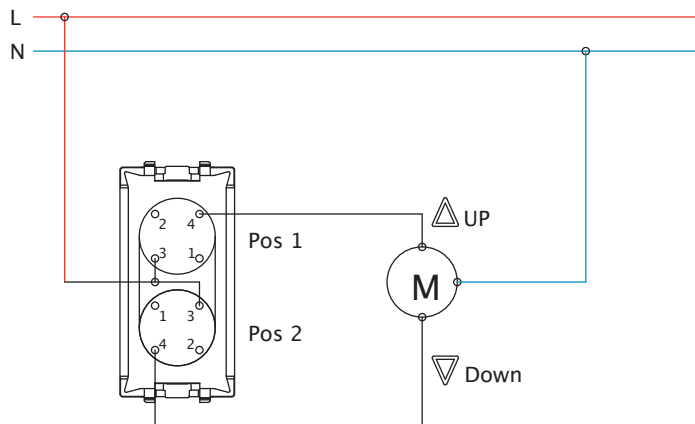
Position 1



Position 2



Example of installation of a blind



Asea Brown Boveri, S.A.
Centro Logístico Oiartzun

Pol. Ind. de Aranguren, 6
20180 Oiartzun
Tel.: +34 943 260 101
Fax: +34 943 260 240

