

The peak of modular ranges









Wenge Plate Cover / Silver Switch.



Stainless Steel Plate Cover / Anthracite Switch.



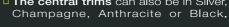
Slate Plate Cover / Silver Switch.

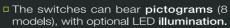


□ LED illumination, a more diffuse and pleasanter light with reduced energy consumption. The light can also be changed from the front.



□ The central trims can also be in Silver,







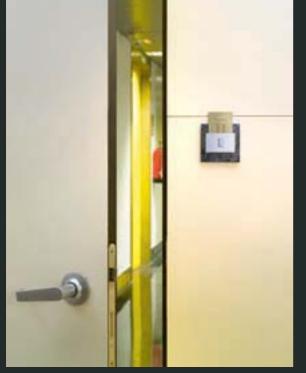
□ All sizes of plate covers can be fitted both horizontally and vertically, making them easier to install and reducing the number of items to stock.



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







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



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



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

With new applications...



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.



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).





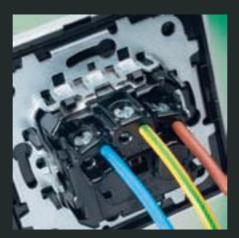
Surface-mounted units, 4 models for installations with tubes or conduits:

- □ 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.
- Thiner 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 recycable material.



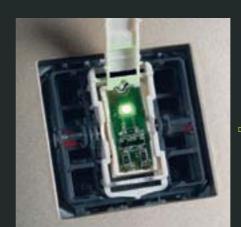
- All cable inputs are at the back, in the same line of conection to avoid having to bend cables.
- All connectors are screwed in from above, from the most visible and comfortable position for the installer.
- Connection can be made without having to remove the cover of the socket base, considerably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



- The 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 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 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?

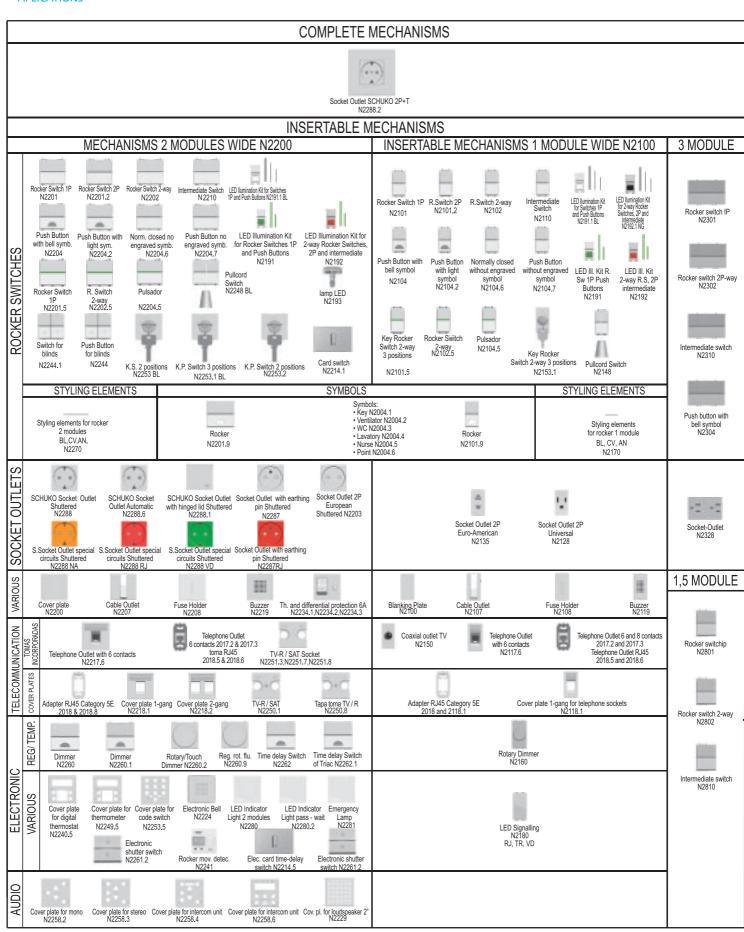
Do you want to benefit from advanced functions that provide enhanced comfort and more features?

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.



APLICATIONS



| | FRAMES | MOUNTING PLATE | BOXES | | SURFACE MOUNTED B | SUPPORT DIN RAIL |
|-------------------|---|--|---|---|---|--|
| FOR UNIVERSAL BOX | Basic Frame 1M N2271 Basic Frame 2 gang 2M N2272 Frames 3-gang 2M N2273 Frames 4-gang 2M N2274 | Mounting Plate WITHOUT clamps. N2271.9 Clamps Accessories N2071.8 Elastic clamps N2071.9 Mounting Plate WITH clams N2271.9G Mounting Plate 2-gang WITHOUT clamps N2272.9 | Hollow Wall Box 999 Double Hollow Wall Box 999.2 Universal Box 1099 / 1199 | VERION "WITHOUT" + COMBINATION VERSION "WITH" | Box N2991.1 Box N2991 | Support DIN rail N2692 COVER PLATES FURNITURE INSTALLATION |
| MONOBOX FRAMES | Frame 1 module N2471 Frame 2 modules N2472 Frame 3 modules N2473 Frame 1 module N2471.1 Frame 2 modules N2472.1 Frame 3 modules N2473.1 | Mounting Frame For Monobox N2473.9 | Monobox with screws 499.3 | MONOBOX | Box N2993 Tube adapter N2999 | Cover plate 1 frame N2671 |
| 4 MODULES | Frame 4 modules N2474 | Mounting Plate N2474.9 | Box for 4 modules 1499.4 | CENTR ALIZATION | Box N2994 Tube adapter N2999 | Cover plate 2 frames N2671.2 Cover plate 2 modules N2672 |
| WORKSTATIONS | Cover plate 12 modules T1272 T1273 Cover plate Cover plate 24 modules T1274 | Boxes Boxes 12 modules 18 modul T1092.1 T1093. | | AND DESCRIPTION OF THE PERSON NAMED IN | T1193 T1194 Dee mounted boxes 12 modules 12 modules 18 modu 171292 T1293 | ıles 24 modules |







- 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 |
|---------------------|---------|----------------|---|
| DESCRIPTION | CODE | COLOR | TECHNICAL DAIA |
| Rocker Switch 1P | N2101 | BL AN PL | 16 AX / 250 V~ Lit with LED Ref.: N2191 |
| Rocker Switch 2P | N2101.2 | | 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 | ON | CODE | COLOR | TECHNICAL DATA |
|-------------|----------------------|------------------|----------------------|--|
| | con with bell symbol | N2104 N2104 2 | BL AN PL BI | 16A / 250 V~ Lit with LED Ref.: N2191 16A / 250 V~ |
| | | 112 10 112 | AN PL | 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 | | 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 | | 16 AX / 250 V~ LED included Ref.: N2191 |
| Pulsador | N2104.5 | | 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 |
| | | | |



DESCRIPTION

LED LAMPS



| DESCRIPTION |
|--|
| LED Illumination Kit for Rocker Switches 1P and |
| Push Buttons |

LED Illumination Kit for 2-way Rocker Switches, 2P and intermediate

CODE COLOR TECHNICAL DATA

N2191 VD White color with a green label at the front. Automatic connection.
Supplied with 1 module and 2 modules indicator lamp.

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

N2192 RJ

Adjusted to the rockers N2101.X, N2102.X, N2110 and N2104.X.

KEY ROCKER SWITCH 2-WAY



| DESCRIPTION | CODE |
|-------------|------|
| | |
| | |

Key Rocker Switch 2-way 3 positions

N2153.1 BL AN PL

COLOR TECHNICAL DATA

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



| ESCRIPTION | CODE | COLOR | TECHNICAL DATA |
|------------|------|-------|----------------|
| | | | |

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 | 16 A / 250 V~ |





DESCRIPTION Socket Outlet 2P

| CODE | COLOR | TECHNICAL DATA | |
|-------|-------|----------------|--|
| N2128 | BL | 15 A / 127 V~ | |

15 A / 127 V~

VARIOUS



| CODE | COLOR | TECHNICAL DATA |
|------|-------|----------------|
| CODE | COLOR | TECHNICAL DATA |

Blanking Plate

N2100 BL AN PL



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 \sim , 8 VA With screw to adjust sound volume. Acoustic power to 1 m distance: 75 dB |



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

TELECOMMUNICATION OUTLETS

TV OUTLETS



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





TELECOMMUNICATION OUTLETS

TELEPHONE OUTLETS

| c | | | ı |
|---|---|---|---|
| | | | ı |
| | | ı | 1 |
| 5 | | ı | |
| | 7 | 7 | |

| DESCRIPTION | CODE | COLOR | TECHNICAL DATA |
|--------------------------------|------|----------------|--|
| Telephone Ou with 6 contact | | 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, OPENEFICS, 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 |

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 | 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 |



| 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 |
| | | |



| | | F *** |
|---|--------|---|
| 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 |



| plate Ref.: N2118.1 |
|---|
| 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 |





- 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 | 16 A / 127 V~ / 250 V~ Lit with LED Ref. N2191.1 |
| Rocker switch 2-way | N2802 | PL BL AN | 16 A / 127 V~ / 250 V~ Lit with LED Ref. N2192.1 |
| Intermediate switch | N2810 | PL 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 | | 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 |



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 | | 16 AX / 250 V~ LED included Ref.: N2191 |
| Pulsador | N2204.5 | | 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





| D | ESCRIPTION | CODE | COLOR | TECHNICAL DATA |
|---|------------|---------|----------------|---|
| C | ard 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 | | 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 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~ |



BLIND CONTROL



| 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 Alows 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 Ilumination 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 Ilumination 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. |

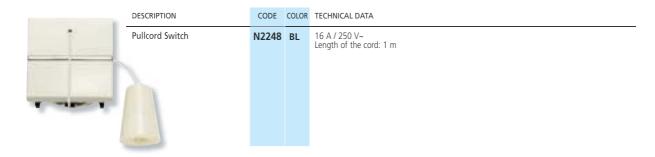
KEY SWITCHES



| 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. |



PULLCORD SWITCH



BASES OF SOCKET OUTLETS



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



| DESCRIPTION | CODE | COLOR | TECHNICAL DATA |
|---|-------|----------------|---|
| Socket Outlet with earthing pin Shuttered | N2287 | BL AN PL | 16A / 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 | 16A / 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 |



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

CODE COLOR TECHNICAL DATA



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

DESCRIPTION



BASES OF SOCKET OUTLETS



| DESCRIPTION | CODE | COLOR | TECHNICAL DATA |
|--|---------|----------------|--|
| SCHUKO Socket Outlet with hinged lid Shuttered | N2288.1 | BL AN PL | 16A / 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 |
|-----------------------------------|---------|----------------|---|
| SCHUKO Socket Outlet Automatic | N2288.6 | BL AN PL | 16 A / 250 V~ Screwless connection. Each clamp receives a flexible cable up to 2 x 2,5 mm $^{\circ}$ or a rigid thread until 2 x 4 mm $^{\circ}$. Saving wiring time by up to 40%. |



| DESCRIPTION | CODE | COLOR | TECHNICAL DATA |
|-----------------------------------|---------|-------|---|
| SCHUKO Socket Outlet Shuttered | 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 |
|----------------|-------|----------------|----------------|
| Blanking Plate | N2200 | BL AN PL | |



| DESCRIPTION | CODE | COLOR | TECHNICAL DATA |
|--------------|-------|----------------|-------------------------------|
| Cable Outlet | N2207 | BL AN PL | With cable supporting flange. |



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



| DESCRIPTION | CODE | TECHNICAL DATA |
|--------------|------|---|
| Fusible 6 A | 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 |



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 $\sim 1\Delta n = 10$ mA Inominal = 6 A |
| Thermomagnetic and differential protection 10A | N2234.2 | BL AN PL | 230 V $\sim 1\Delta n = 10$ mA Inominal = 10 A |
| Thermomagnetic and differential protection 16A | N2234.3 | BL AN PL | 230 V $\sim 1\Delta n = 10$ mA Inominal = 16 A Thermomagnetic characteristics: Type C Differential characteristics: Type A |

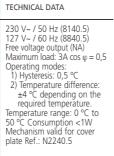
Mechanisms



DESCRIPTION

Digital Thermostat

| Thermomagnetic and differential protection 6A | N2234.1 | BL AN PL | 230 V $\sim 1\Delta n = 10$ mA Inominal = 6 A |
|--|---------|----------------|---|
| Thermomagnetic and differential protection 10A | N2234.2 | BL AN PL | 230 V $\sim 1\Delta n = 10$ mA Inominal = 10 A |
| Thermomagnetic and differential protection 16A | N2234.3 | BL AN PL | 230 V \sim I Δ n = 10 mA Inominal = 16 A Thermomagnetic characteristics: Type C Differential characteristics: Type A |





Cover Plates

| DESCRIPTION | CODE | COLOR |
|--|---------|----------------|
| Cover plate for digital thermostat Ref.: 8140.5 | N2240.5 | BL AN PL |



| DESCRIPTION | CODE | TECHNICAL DATA |
|------------------------------|------------------|--|
| 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 |

CODE

8140.5 8840.5



| | DESCRIPTION | CODE | COLOR |
|---|--|---------|----------------|
| | Cover plate for thermometer Ref.: 8149.5 | N2249.5 | BL AN PL |
| 3 | | | |



| DESCRIPTION | CODE | TECHNICAL DATA |
|--------------------------------|--------|---|
| Code Switch for access control | 8153.5 | 230 V~ / 50 Hz (8153.5) 127 V~ / 60 Hz (8853.5) |
| | 8853.5 | Connected load: $3A$, $\cos \phi = 0.5$ Tolerance of the opening time: 7% Consumption < 1 W Mechanism valid for cover plate Ref.: N2253.5 |



| DESCRIPTION | CODE | COLOR |
|--|---------|----------------|
| 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 | Cover Plates | DESCRIPTION | CODE | COLOR |
|------------|---|--------|---|--------------|--|---------|----------------|
| | Adapter RJ 45 Category 5E | 2018 | For connectors type KEYSTONE, AMP, BRAND- REX, OPENEFICS, THT LEVITON, KRONE Adapter valid for cover plates Refs.: N2118.1, N2118.2 | | 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 |
| | Adapter RJ 45 Category 5E | 2018.8 | Avaya Lucent-Technologies (AT&T) Adapter valid for cover plates Refs.: N2118.1, N2118.2 | | Cover plate 2-gang for telephone connection Refs.: 2017.2, 2017.3, 2018, 2018.5, 2018.6, 2018.8 | N2218.2 | BL AN PL |
| | 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 | | | | |
| | 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 | | | | |
| | 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. | | | | |
| | 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 | | | | |





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 Socke 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



| | | | Cover Plates |
|--|--------|--|---|
| DESCRIPTION | CODE | TECHNICAL DATA | Cover Flates |
| Installation system in Derivation TV-R Socket | 8150 | It is also suitable for Outlet 8151.7l | TV R |
| TV-R Socket with filter | 8150.3 | Separates the call signal of TV and radio. | |
| Serial inductive: TV-R Socket Loop through-type | 8150.7 | From 2ª to 4ª. | |
| TV-R Socket | 8150.8 | From 5° to 9°. | TECHNICAL DATA |
| ilitai | | Certified by the central department of telecommunication. Mechanism valid for cover plate Ref.: N2250.8 | Cover plates valid for mecha 8150.8. Prepared cover plat Connection and dimension |
| | | Mechanisms valid for cover pla Expiring UNE 20628-2-79 and In compliance with RD 279/199 of common Infrastructures of T the access to the services of Tel edifices (ICT). | UNE 20523-7-76. 99. Regulating regulation elecommunications for |
| TV-R / SAT Socket Simple | 8151.3 | For installation in star connection (without terminating resistor). | TV-R SAT |
| 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).

| TV | R |
|----|---|
| | 5 |
| | 3 |

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

nanisms Refs.: 8150, 8150.3, 8150.7 and ates to fix the frame at the wall. a drawing, see appendix.

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

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 | C | ODE | COLOR | TECHNICAL DATA |
|---------------|--------------|------|----------------|--|
| Dimmer | N. | 2260 | BL AN PL | 230 V~, 50 Hz 127 V~, 50 Hz 40 - 450 W |
| Calibrated Fu | use 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 - 60 - 500 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 □IIL ⊗ 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 \$\(\text{C}\): 60 - 500 W \$\(\text{T}\): \(\text{S}\): 60 - 400 VA \$\(\text{T}\): \(\text{S}\): 60 - 500 VA Posibility 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: \$\frac{1}{2}\tau\$ 1000 W \$\frac{1}{2}\tau\$ 1000 VA cos\varphi = 0.6 \$\frac{1}{2}\tau\$ 650 VA For fluorescent lamps. Fuse protection T-5A With remote control terminal for convent lamp. Connection and dimension drawing the control terminal for convent lamp. | $127 \text{ V}\sim$ / 60 Hz 600 W $600 \text{ VA } \cos \phi = 0.6$ 400 VA For fluorescent. tional push buttons (N2X04.5) and orientation g, 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. | 127 V~ / 60 Hz 40-500 W 40-400 VA Small power motors 40-100 VA. |
| Calibrated Fuse | T-5A | | Time-controlled | |





ROCKER MOVEMENT DETECTOR



| DESCRIPTION | CODE | COLOR | TECHNICAL DATA |
|--------------------------|-------|----------------|--|
| Rocker movement detector | N2241 | BL AN PL | 230 V~ 50 Hz / 127 V~ 50 Hz 1.000 W 1.000 VA 1.0 |

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.



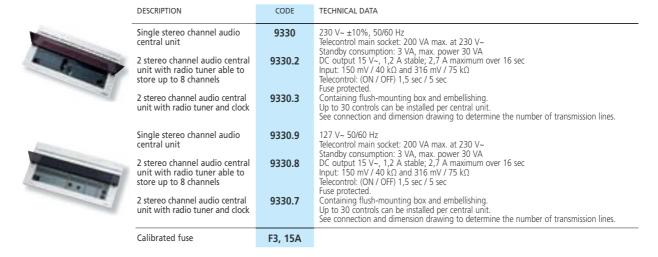




Intercom and surveillance:

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







NIESSEN AUDIO WORLD

CONTROLS





| 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. 5+L - S+R. Ref.: 9329 or 9329.1 Volume with loudness, reinforcing. Mechanism valid for cover plate Ref.: N2258.4 | Cover plate for intercom unit Ref. 9358.4 | N2258.4 | BL AN PL |
|--|--------|--|---|---------|----------------|



DESCRIPTION

| 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 |

CODE TECHNICAL DATA



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





NIESSEN AUDIO WORLD

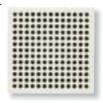
LOUDSPEAKERS

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 to15 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 |
| loudspeaker 2" | 9399.4 | |

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: 16Ω 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: $10+10 \text{ W } (2\Omega) / 20 \text{ W } (4 \Omega)$ Speaker impedance: $2 \div 16 \Omega (10+10W) \\ 4 \div 16 \Omega (20 \text{ W})$ DC output: $15 \text{ V} \sim (\text{max. } 1,5 \text{ A})$ Up to 5 amplifiers per control unit. DIN rail mounting. For individual installation of 9358.5, use 9335.1 Length x Width x Height: $135 \times 120 \times 80 \text{ mm}$ | | |

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.





| 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. | |
| LED red | | RJ | Suppression of interferences in compliance with UNE-21806 and EN-55014. | |
| LED green | | VD | | |
| | | | | |
| 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 | 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. |
|------------------------------------|---------|-----------|--|
| | | | |

TECHNICAL DATA

CODE

LABELS



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|---|---|-----|----------|
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| signalling labels Zenit | N2281. |
|-------------------------|--------|
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| | |

DESCRIPTION

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.

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 emrgency 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.



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|---|--|-----|
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| | | - 5 |

| 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



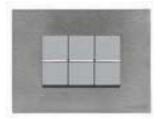
- All 16 A mechanisms are insertable and offer maximum quality with a reduced number of references.
- They are robust, hardy and compact; and can be inserted from the front of the plate.
- They are designed to hold the adapter mechanism firmly therefore avoid balancing problems.
- They have a reduced 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 | AN | 16AX / 127 V~ / 250 V~ Lit with LED Ref: N2191.1 |
| | Rocker switch 2P-way | N2302 | PL BL AN | 16AX / 127 V~ / 250 V~ Lit with LED Ref: N2192.1 |
| | Intermediate switch | N2310 | PL BL AN PL | 16AX / 127 V~ / 250 V~ Lit with LED Ref: N2192.1 |
| | | | | |
| | DESCRIPTION | CODE | COLOR | TECHNICAL DATA |
| <u> </u> | 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







TECHNICAL DATA



| | | DI | DESCRIPTION |
|--|--|----|--------------|
| | | BL | Frame 1 modu |
| | | AN | |
| | | PL | |
| | | cv | |
| | | СВ | |
| | | CN | |
| | | WG | |
| NEW | | ОХ | |
| \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ | 53 (Min 2011) | PZ | |
| | | | |
| | 20 00 | | |
| | A CONTRACTOR OF THE PARTY OF TH | | |
| | THE RESERVE AND ADDRESS OF THE PARTY OF THE | | |

| D. | DESCRIPTION | CODE | COLOR |
|----|----------------|-------|----------------|
| BL | Frame 1 module | N2271 | BL |
| AN | | | AN PL |
| PL | | | CV CB CN |
| CV | | | WG OX |
| СВ | | | PZ |
| CN | | | |
| WG | | | |
| ОХ | | | |
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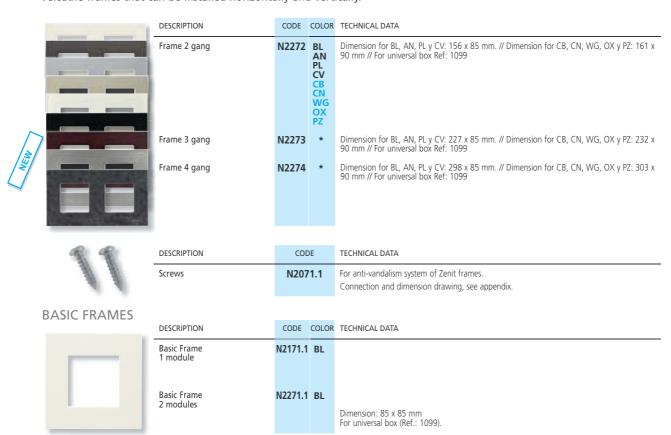
Dimension for BL, AN, PL y CV: 85×85 mm. // Dimension for CB, CN, WG, OX y PZ: 90 mm. // With clamps, for universal box (Ref.: 1099).

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.





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

| G I |
|-------|
| · TET |

| 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. |
| 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

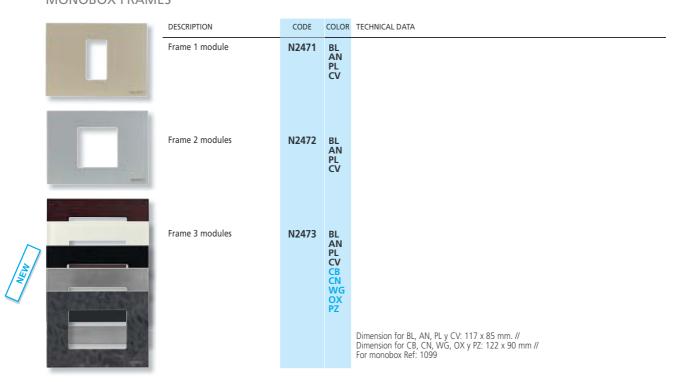
BOXES



RECTANGULAR FRAMES

Rectangular frames offer the possibility of inserting mechanism 1, 2 or 3 modules wide that can be installed on a metalllic 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





RECTANGULAR FRAMES

BASIC FRAMES

| | DENOMINACIÓN | CÓDIGO | COLOR | DATOS TÉCNICOS |
|---|-----------------------|---------|-------|--|
| | Basic frame 1 module | N2471.1 | BL | |
| | | | | |
| 1 | Basic frame 2 modules | N2472.1 | BL | |
| | | | | |
| | Basic frame 3 modules | N2473.1 | BL | |
| | | | | Dimensions: 117 x 85 mm. For box Ref.: 499.3 |
| | | | | TOT BOX NOT. 433.3 |

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



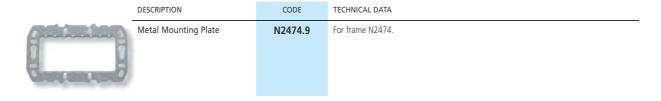
4 module wide frames offer the possibility of inserting mechanism 1, 2 or 3 modules wide that can be installed on a metalllic support and fixed with screws in american type connection box flush or on the surface. For frames 12, 18 or 24 modules wide, please view the chapter about centralization systems.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



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

SURFACE MOUNTED BOXES





| DES | CRIPTION | CODE | COLOR | TECHNICAL DATA | | | |
|-----|---|---------|--|------------------|----------|-------------------|--|
| mo | face Mounted box 2 dules wide. me incorporate | N2991.1 | 991.1 BL For 2 mechanism of 1 module or 1 of 2 modules. Inlet in 4 sides forcable or tube adapter N2999: | | | | |
| 114 | me meorporate | | | | TRUNKING | REF. ADAPTER UNEX | |
| | | | | | 10 x 22 | 78672 | |
| | | | | Dimensions: | 10 x 30 | 78673 | |
| | | | | 64 x 70 x 47 mm. | 16 x 16 | 78681 | |





| 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: | | |
| | | | | TRUNKING | REF. ADAPTER UNEX |
| | | | Dimensions: | 10 x 22 | 78672 |
| | | | 85 x 85 mm. | 10 x 30 | 78673 |
| | | | Ref.: N2271 XX, N2171.1 BL | 16 x 16 | 78681 |





| DESCRIPTION | CODE | COLOR | TECHNICAL DATA | | | |
|-------------------------------|-------|-------|--|----------|-------------------|--|
| Surface Mounted monobox wide. | N2993 | BL | Inlet in 4 sides forcable or tube adapter N2999: | | | |
| wide. | | | | TRUNKING | REF. ADAPTER UNEX | |
| | | | | 10 x 22 | 78672 | |
| | | | Dimensions: | 10 x 30 | 78673 | |
| | | | 85 x 117 mm. Ref.: N2471 XX, N2472 XX, N2473 XX | 16 x 16 | 78681 | |



SURFACE MOUNTED BOXES AND ADAPTORS

SURFACE MOUNTED BOXES



| DESCRIPTION | CODE | COLOR | TECHNICAL DATA | TECHNICAL DATA | | |
|-------------------------------------|-------|-------|--|----------------|-------------------|--|
| Surface Mounted box 4 modules wide. | N2994 | BL | Inlet in 4 sides forcable or tube adapter N2999: | | | |
| modules wide. | | | | TRUNKING | REF. ADAPTER UNEX | |
| | | | | 10 x 22 | 78672 | |
| | | | | 10 x 30 | 78673 | |
| | | | Dimensions: 85 x 140 mm. Ref.: N2474 XX | 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. Perforaction: 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. Perforaction: 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. Perforaction: 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 |