Diagrams & dimensions

Thinking of making your job easier. We create these supports to optimize your time. We provide all the technical information, diagrams and dimensions of each of our products in a clear and precise manner to facilitate understanding.
Switches
Optional: locator light

1-way switch

N1101 XX

1-way switch with indicator light

N1101.3 XX

2-way switch

N1102 XX

2-way switch with indicator lamp

N1102.3 XX

2-way switch - Intermediate switch - 2-way switch

N1102 XX N1110 XX N1102 XX

Socket outlets

1-module socket outlets

N1128 XX
N1129 XX (without earth)
N1136 XX
N1136.2 XX
N1138 XX

1-way double pole switch

N1101.7 XX

3-module duplex socket outlets

N1328 XX
N1338 XX
USB chargers
N1185 & N1185.2

1. Technical data:
   - Rated input voltage: 100 - 240 V AC ± 10 %
   - Rated input frequency: 50 - 60 Hz
   - Rated input current:
     - N1185.2: 0,20Aac@max load
     - N1185: 0,12Aac@max load
   - Consumption in standby:
     - N1185.2: <10 mW@230 VAC
     - N1185: <= 0,3W@230 VAC
   - Rated output voltage: 5 V DC +5 / -5 %
   - Rated output current:
     - N1185.2: 2000 mA a 5 V DC
     - N1185: 750 mA a 5 V DC
   - Operating temperature:
     - N1185.2: 0°C to 45°C, when installing a N1185.2. 0°C to 30°C, when two N1185.2 chargers together
     - N1185: 0° C + 45° C
   - Energy efficiency:
     - N1185.2: > 79%
     - N1185: >= 66%

2. Electrical safety data:
   - Safety standard: EN60950-I - Low Voltage Directive
   - Protection class: II - Low voltage
   - Isolation (primary-secondary): Transformer with galvanised isolation
   - EMC Directive: EN 55022, EN 55024

3. Wiring diagram

4. Installation

Data outlets - RJ45 Cat. 5e UTP female connector
N1118.5

1. Remove the back cap from the connector. Strip approx. 5 cm off the jacket and discard the cable cutter cord.

2a. Wiring according to T568A:

2b. Wiring according to T568B:

3. Push the cables against the end of the slot and cut them flush to the connector. Use an IBDN 110, BIX, KRONE wiring tool, or a similar type 110 tool.

4. Mount the connector cap.
# Data outlets - RJ45 Cat. 6 UTP female connector

N1118.6

## 1 Preparing the Cable

1.1 Cut approximately 5 cm. off the jacket.

1.2 Open approx. 10 cm. of the jacket with a cutter cord or another tool.

1.3 Cut the jacket.

1.4 Cut the mesh (if it has one and the cord at the same level of the jacket).

## 2 Preparing the Conductors

2.1 Select the adequate wiring scheme (568A or 568B) and place the pairs in a straight line.

2.2 Position each of the four pairs in the holes of the end piece.

2.3 Ensure the end piece is located as close as possible to the edge of the jacket.

2.4 Place the pairs in the direction of the end piece slots.

2.5 Insert the end piece into the module.

2.6 Unbraid the pairs, position and insert the cable in the module slots. Place the solid colour cable in the first slot of the pair.

## 3 Conductor Terminations

3.1 Place the tool perpendicular to the module and finish cutting the cables.

## 4 Placing the Cable

4.1 Place the cable in the upper, perpendicular, or lower position so that it is easy to insert the module in the box for attachment.

## 5 Disassembling the module from the supporting piece

5.1 Push the front of the module in with your thumb releasing the hooks.

5.2 Pry upwards to release the upper hook.

5.3 Pry downwards to release the lower hook.
VDI connectors

**Mini-Jack 3,5mm**

**N2155.2**
Pin Out:
- 1G — W/GND
- 1B — Red
- 3G — R/GND
- 3R — White

Left Audio
Right Audio

**N2155.3**
Pin Out:
- 1G — Y/GND
- 1A — Yellow
- 2G — W/GND
- 2B — White
- 3G — R/GND
- 3R — Red

Composite Video
Left Audio
Right Audio

**N2155.4**
Pin Out:
- R — Red
- G — Ground
- L — White

Left Audio
Right Audio

**N2155.5**
Pin
- 1 — R+
- 2 — G+
- 3 — B+
- 4 — ID2
- 5 — GND
- 6 — R-
- 7 — G-
- 8 — B-
- 9 — ID2
- 10 — SGND
- 11 — ID0
- 12 — ID1
- 13 — ID12
- 14 — HSYC
- 15 — VSYNC
- 16 — SCL
- 17 — SDA
- 18 — Reserved (N.C. on device)
- 19 — CEC

**N2155.6**
Pin Out:
- TMDS Data2+
- TMDS Data2-
- TMDS Data2 Shield
- TMDS Data1+
- TMDS Data1-
- TMDS Data1 Shield
- TMDS Data0+
- TMDS Data0-
- TMDS Data0 Shield
- TMDS Clock+
- TMDS Clock-
- TMDS Clock Shield
- CEC
- RESERVED (N.C. on device)
- +5V Power
- Hot Plug Detect
- GND

**N2155.8**
Pin Out:
- VBUS
- D-
- D+
- Ground
- G — Shielded

**N2155.7**
Pin Out:
- G — Green
- Y — Yellow
- R — Red
- B — Blue
- GND

**Notes:**
- Using a strap for fixing the cable to the board is recommended to avoid disconnections.
- For this the plates have two through-holes at its rear end.
1 Module dimmer
N1160 & N1160.1

1. Technical Data
   Voltage:
   N1160: 127 V~ ; 60 Hz
   N1160.1: 230 V~ ; 50-60 Hz
   Power:
   N1160: 50-500 W
   N1160.1: 50-700 W
   Operating temperature:
   0 – 30° C

2. Assembly/Connection
   2.1. Assembly
   Important:
   If the dimmer is installed next to another electronic device that can produce heat, the maximum power must be reduced in half. If it is installed between two electronic devices that can produce heat, the maximum power must be reduced to the fourth.

3. Operation
   Do not exceed the maximum shown in Table 1, since the dimmer has a NON-resettable thermal fuse. If the fuse is triggered, the electronic dimmer is useless for further use. In case of exceeding the maximum load, the fuse could not trig but it may happen that the load will not turn off.

   ![Diagram of Module dimmer N1160 & N1160.1]

Table 1:
Power reduction (%) as a function of temperature (°C)

Buzzer
N1119

1. Technical data
   Rated voltage: 127-230 Vac / 50-60 Hz.
   Rated power: 8 VA.
   Adjustable tone.
   Acoustic power at 1 meter with cover plate: 75 dB.

2. Wiring diagram:

![Diagram of Buzzer N1119]
Frames