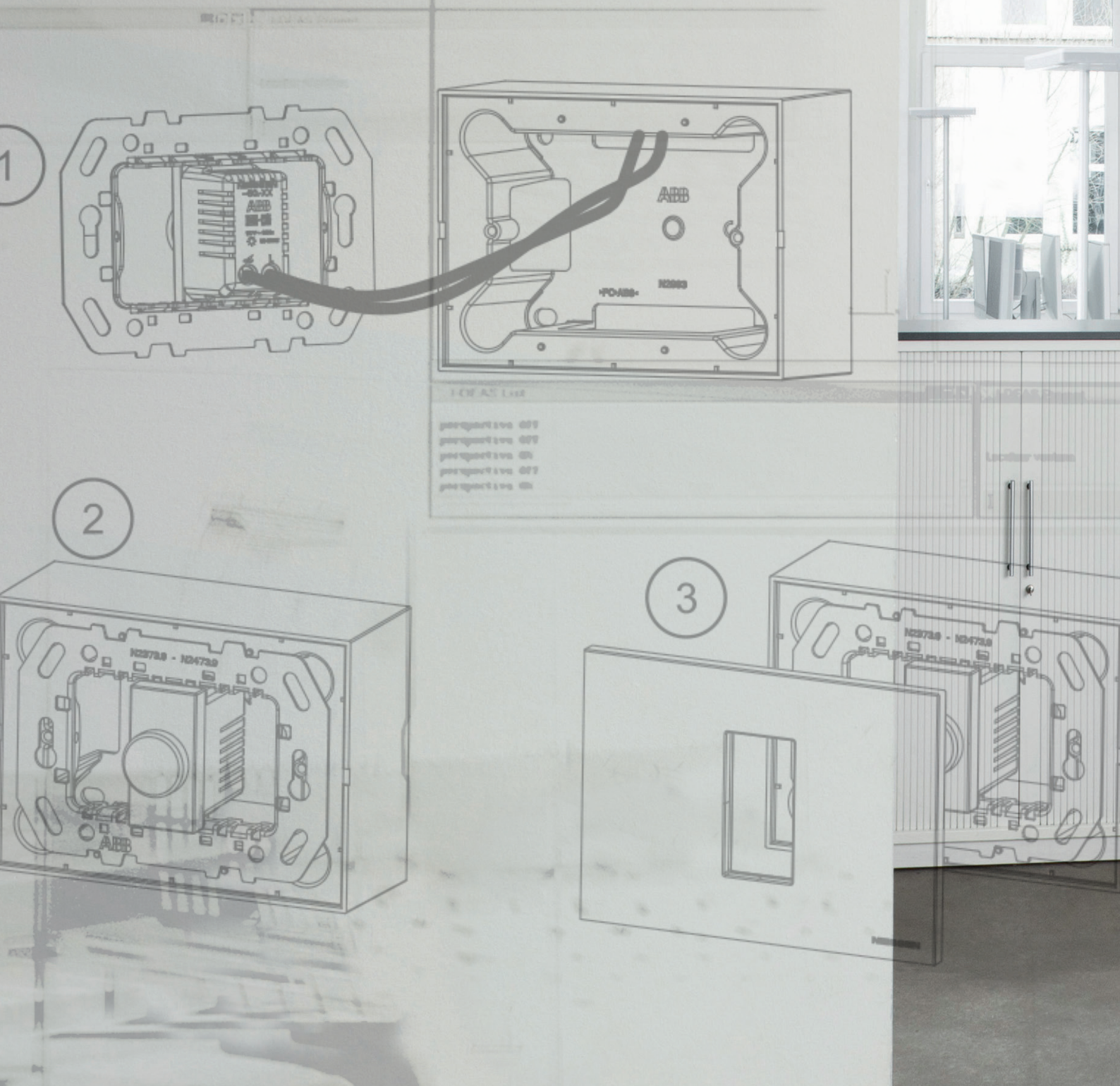


## Diagrams & dimensions

**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.

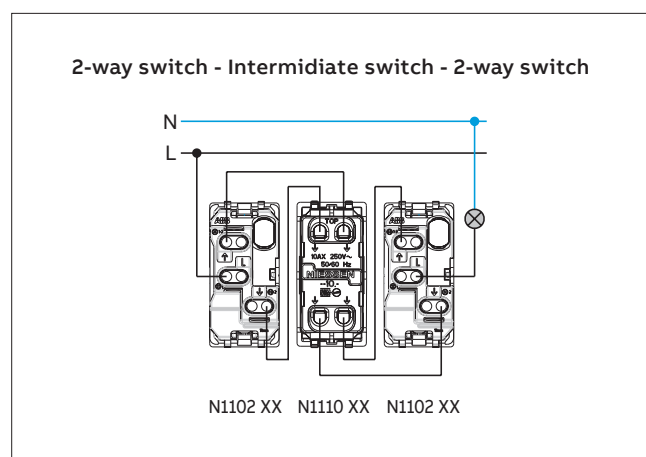
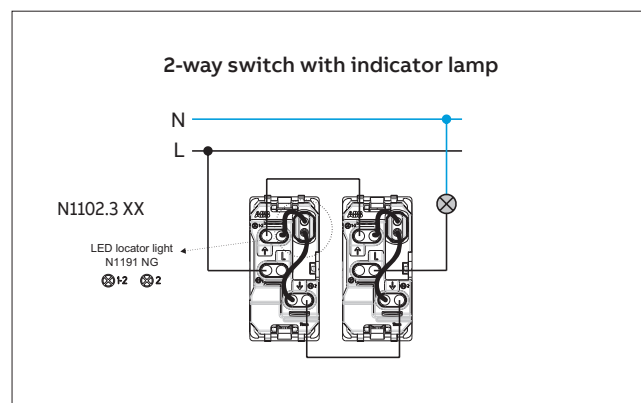
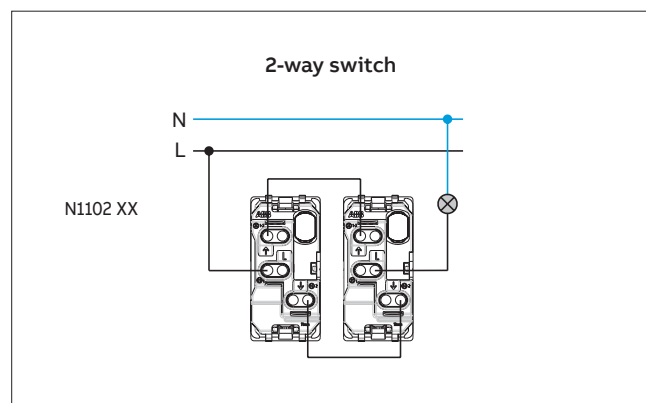
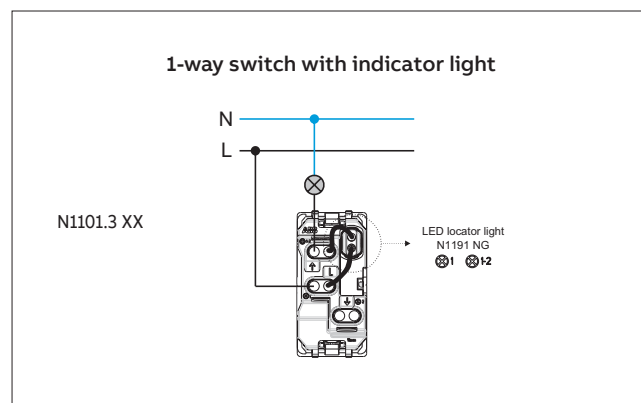
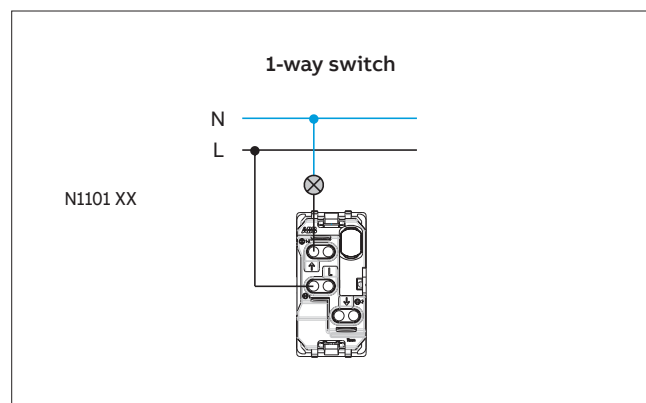




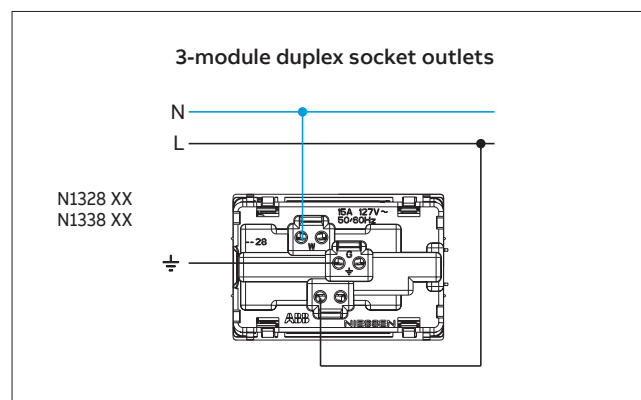
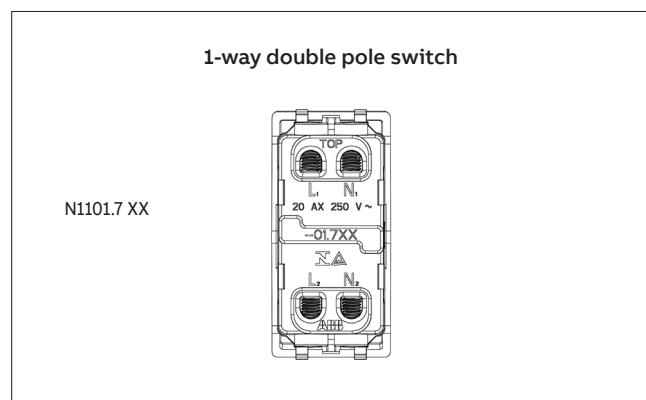
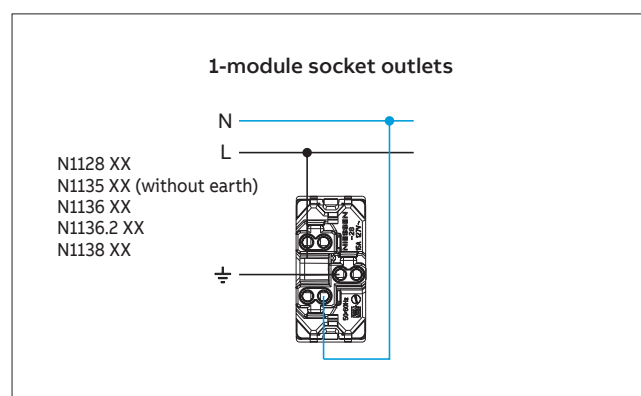
## Switches

Optional: locator light

With locator light



## Socket outlets



## USB chargers

### N1185 & N1185.2

#### 1. Technical data:

**Rated input voltage:**

100 - 240 V AC  $\pm 10\%$

**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:  $\leq 0,3$ W@230 VAC

**Rated output voltage:**

5 V DC  $\pm 5\%$  /  $\pm 5\%$

**Rated output current:**

N1185.2: 2000 mA a 5 V DC

N1185: 750 mA a 5 V DC

**Operating temperature:**

N1185.2:  $0^{\circ}\text{C}$  to  $45^{\circ}\text{C}$ , when installing

a N1185.2.  $0^{\circ}\text{C}$  to  $30^{\circ}\text{C}$ , when two

N1185.2 chargers together

N1185:  $0^{\circ}\text{C}$  +  $45^{\circ}\text{C}$

**Energy efficiency:**

N1185.2:  $> 79\%$

N1185:  $\geq 66\%$

#### 2. Electrical safety data:

**Safety standard:**

EN60950-1 - Low Voltage Directive

**Protection class:**

II - Low voltage

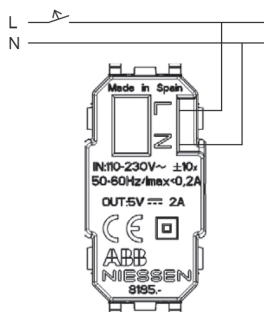
**Isolation (primary-secondary):**

Transformer with galvanised isolation

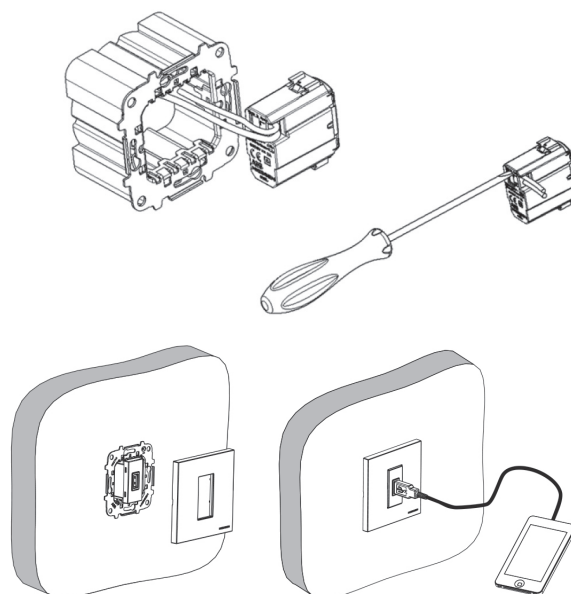
**EMC Directive:**

EN 55022, EN 55024

#### 3. Wiring diagram

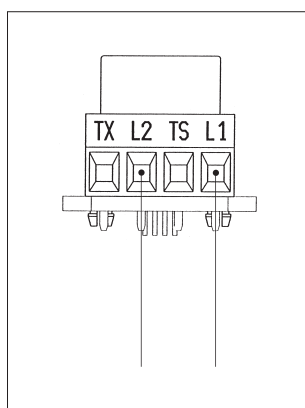


#### 4. Installation



## Telephone outlets

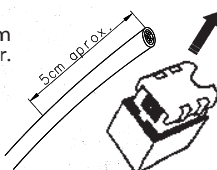
### N1117



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

### N1118.5

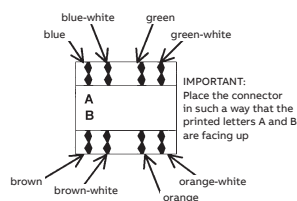
- 1** Remove the back cap from the connector. Strip approx. 5 cm off the jacket and discard the cable cutter cord.



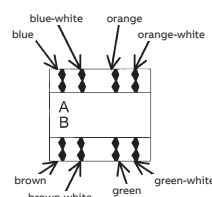
- 2** Bring the cable close to the connector, with the jacket at approx. 6 mm from the connector. Insert the cables into the corresponding slots as indicated by the cable colour-wiring configuration for T568A or T568 B (as shown in Figures 2A and 2B).



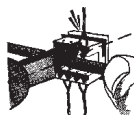
#### 2a Wiring according to T568A:



#### 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

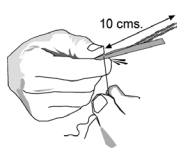
N1118.6

### 1 Preparing the Cable

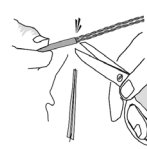
1.1 Cut approximately 5 cm. off the jacket.



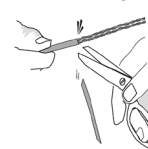
1.2 Open approx. 10 cm. of the jacket with a cutter cord or another tool.



1.3 Cut the jacket.

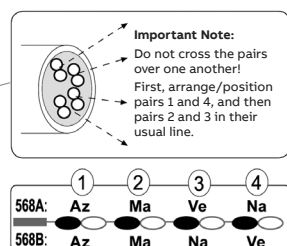
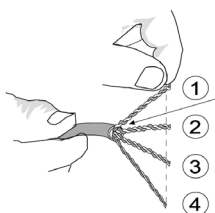


1.4 Cut the mesh (if it has one and the cord at the same level of the jacket).

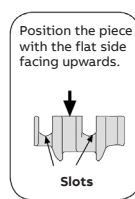


### 2 Preparing the Conductors

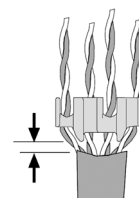
2.1 Select the adequate wiring scheme (568A or 568B) and place the pairs in a straight line.



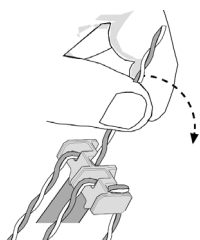
2.2 Position each of the four pairs in the holes of the end piece.



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

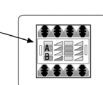


2.4 Place the pairs in the direction of the end piece slots.



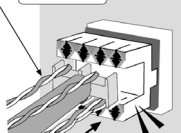
2.5 Insert the end piece into the module.

Blue / White (first pair)



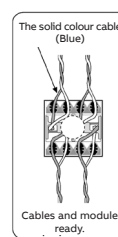
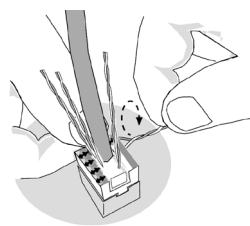
Check the orientation of the colour codes: Blue / White matched with Blue / White

**Important Note:** Align the Blue / White pair with the Blue / White colour indicated in the module colour code.



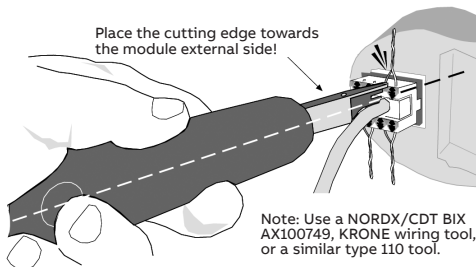
Position the piece with the flat side facing upwards.

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

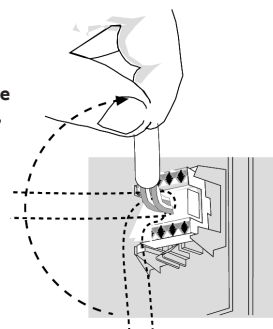
3.1 Place the tool perpendicular to the module and finish cutting the cables.



Note: Use a NORDX/CDT BIX AX100749, KRONE wiring tool, or a similar type 110 tool.

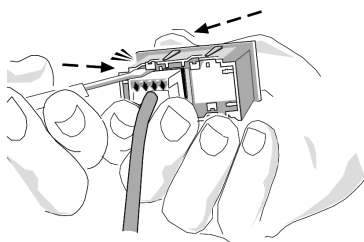
### 4 Placing the Cable

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.

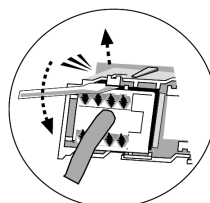


### 5 Disassembling the module from the supporting piece

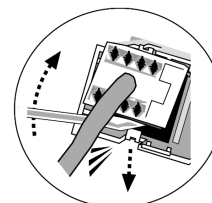
5.1 Push the front of the module in with your thumb releasing the hooks.



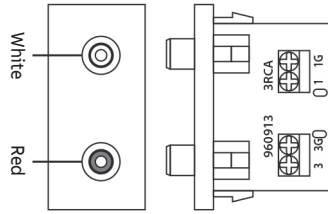
5.2 Pry upwards to release the upper hook.



5.3 Pry downwards to release the lower hook.



## VDI connectors



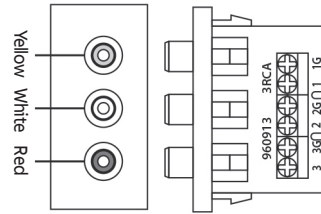
### N2155.2

Pin Out:

- 1G — W/GND
- 1B — White
- 3G — R/GNB
- 3R — red

Left Audio

Right Audio



### N2155.3

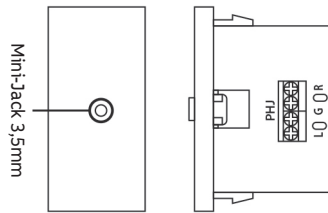
Pin Out:

- 1G — Y/GND
- 1A — Yellow
- 2G — W/GND
- 2B — White
- 3G — R/GND
- 3R — Red

Composite Video

Left Audio

Right Audio



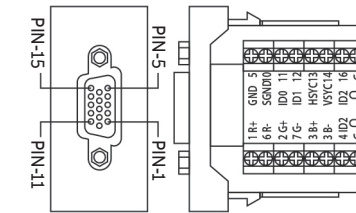
### N2155.4

Pin Out:

- R — Red
- G — Ground
- L — White

Left Audio

Right Audio



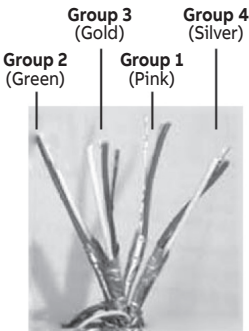
### N2155.5

PIN

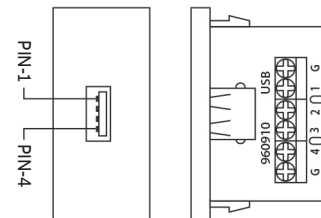
- |           |              |
|-----------|--------------|
| 1 — 1 R+  | 5 — GND 5    |
| 6 — 6 R-  | 10 — SGND 10 |
| 2 — 2 G+  | 11 — ID0 11  |
| 7 — 7 G-  | 12 — ID1 12  |
| 3 — 3 B+  | 13 — HSYC 13 |
| 8 — 8 B-  | 14 — VSYC 14 |
| 4 — 4 ID2 | 15 — ID2 15  |
| G — GND   | G — GND      |

### N2155.6

- 1 — TMDS Data2+
- G-1 — TMDS Data2 Shield
- 2 — TMDS Data2-
- G-2 — TMDS Data1 Shield
- 3 — TMDS Data1+
- G-3 — TMDS Data1 Shield
- 4 — TMDS Data0+
- G-4 — TMDS Data0 Shield
- 5 — TMDS Data0-
- 6 — TMDS Data0 Shield
- 7 — TMDS Clock+
- G-1 — TMDS Clock Shield
- 8 — TMDS Clock-
- 9 — TMDS Clock-
- 10 — CEC
- 11 — RESERVED (N.C. on device)
- 12 — SCL
- 13 — SDA
- 14 — DDC/CEC Ground
- 15 — +5V Power
- 16 — Hot Plug Detect
- 17 — Ground



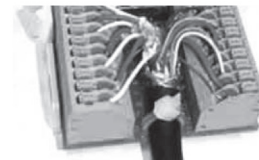
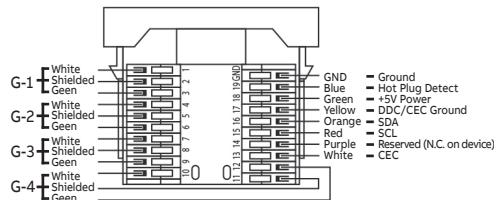
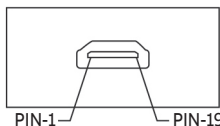
On Group included 3 wires



### N2155.8

Pin Out:

- 1 — V<sub>BUS</sub>
- 2 — D-
- 3 — D+
- 4 — Ground
- G — Shielded



### Note:

Using a strap for fixing the cable to the board it 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

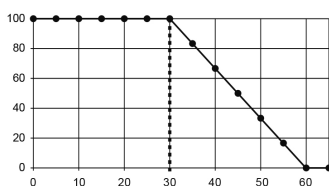
#### Power:

N1160: 50-500 W 

N1160.1: 50-700 W 

#### Operating temperature:

0 – 30° C



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

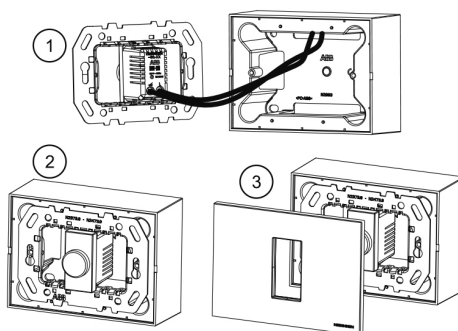
### 2. Assembly/Connection

#### 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.

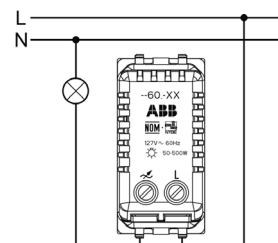
If it is installed between two electronic devices that can produce heat, the maximum power must be reduced to the fourth.



#### 2.2. Connection

##### Important:

Disconnect the power supply when installing.



### 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.

## Buzzer

N1119

### 1. Technical data

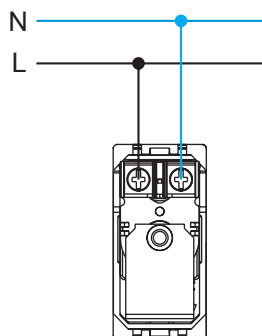
**Rated voltage:** 127-230 Vac / 50-60 Hz.

**Rated power:** 8 VA.

Adjustable tone.

**Acoustic power at 1 meter with cover plate:** 75 dB.

### 2. Wiring diagram:



## Frames

