

IP DES - Power supply

375005

Description

Power supply 100 – 240V with metal box, can be operate as an auxiliary power supply. Protected against short circuits: in case of DC output short circuit, the device will switch to protected mode. Wall-mounting installation.

NOTE: To ensure correct operation, install indoors in a location protected from rain and away from heat sources, at a minimum distance of 100 mm (4 sides and front) from other objects, partitions or walls.

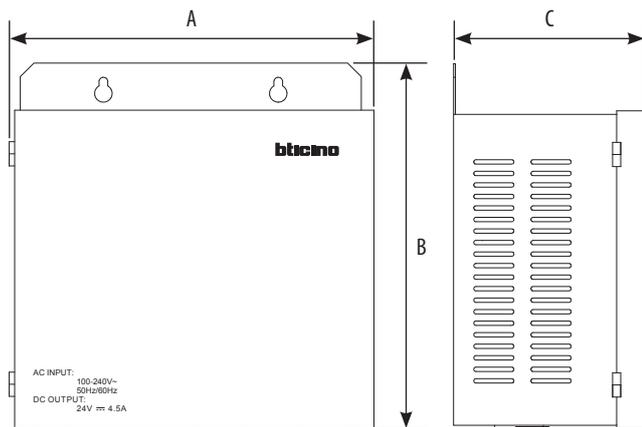
Technical data

Voltage: 100 – 240 Vac
 Output Voltage: 24 Vdc; 4.5 A
 Max. cable section: 1.3 mm²
 Operating temperature: (- 10) – (+ 55) °C
 IP degree of protection: IP30
 Maximum relative humidity: 93%
 Operating frequency: 50/60 Hz

Output terminals

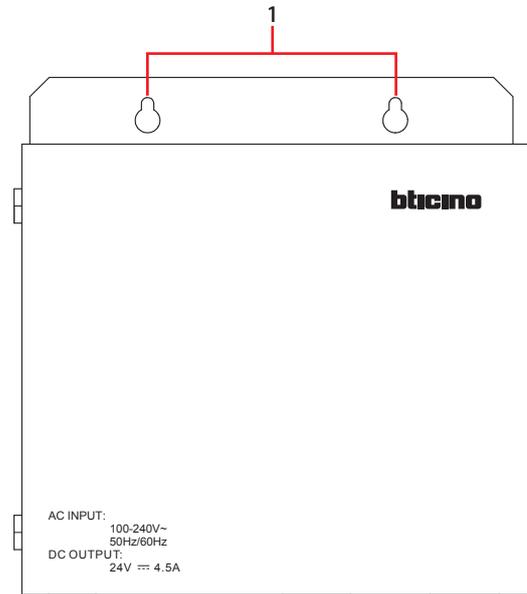
Each terminal 24V/0.75A (MAX)
 8 total outputs, total power cannot exceed 100W (24V / 4.5A)

Dimensional data

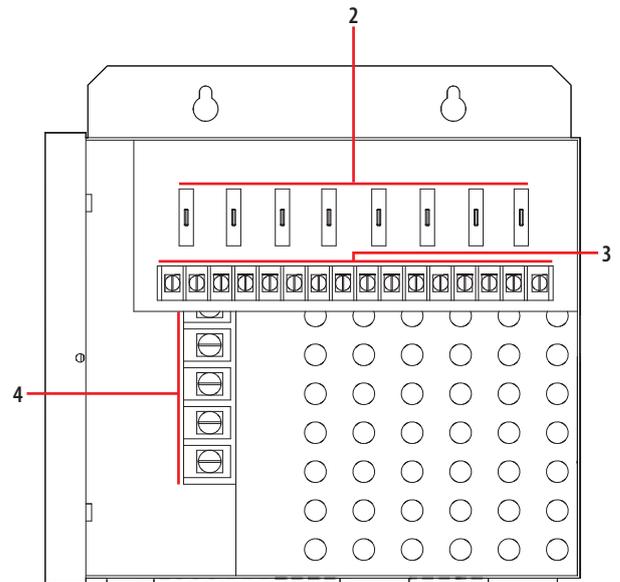


A	B	C
161 mm	167 mm	85 mm

Front view



Front view with open door



Legend

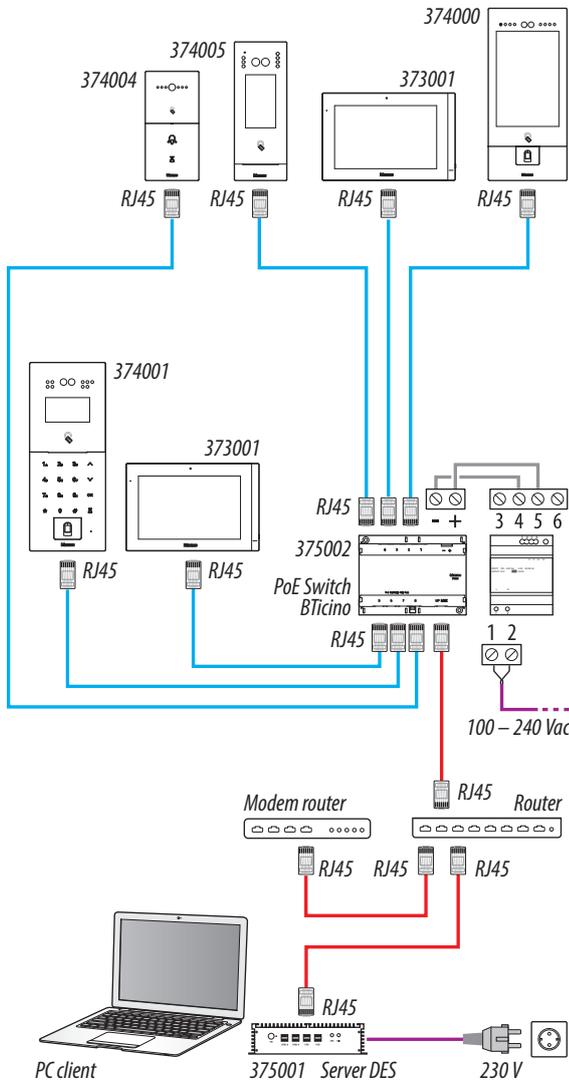
- 1. Fixing holes
- 2. Self-resetting fuses
- 3. Output terminals
- 4. Connection clamps

Wiring diagrams

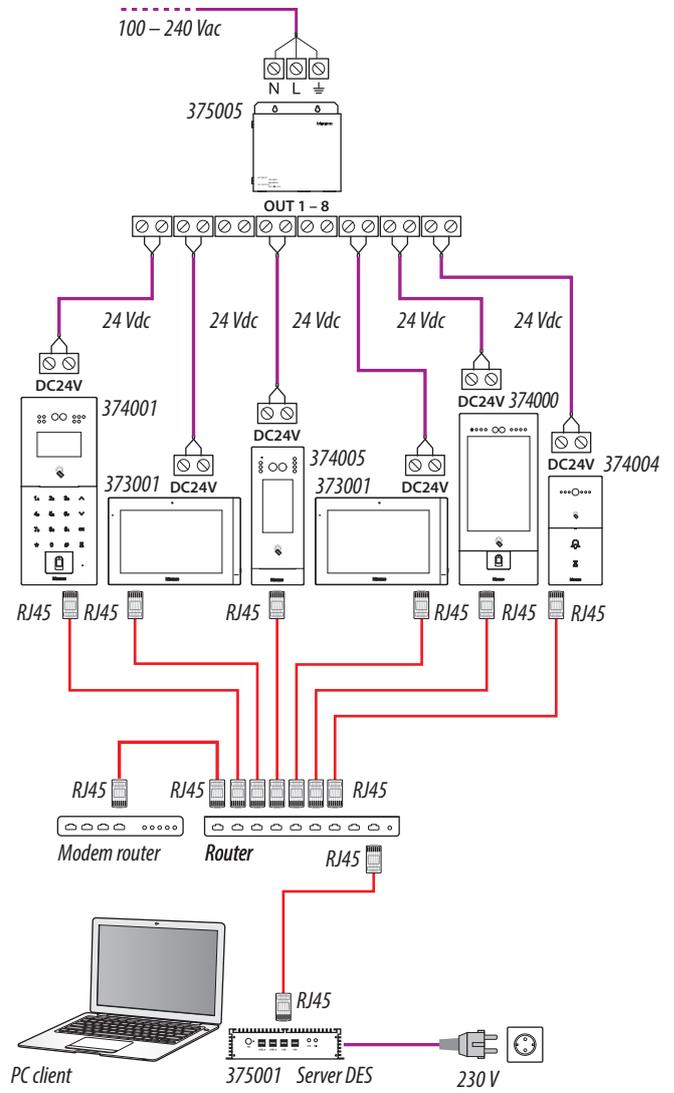
CABLES LEGEND	LAN PoE BTicino 	LAN Ethernet 	Copper cables 	2 x Copper cables 
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It is possible to use two different types of connection according to installation situation:

A - Diagram with power supply by BTicino PoE Switch



B - Diagram with local power supply

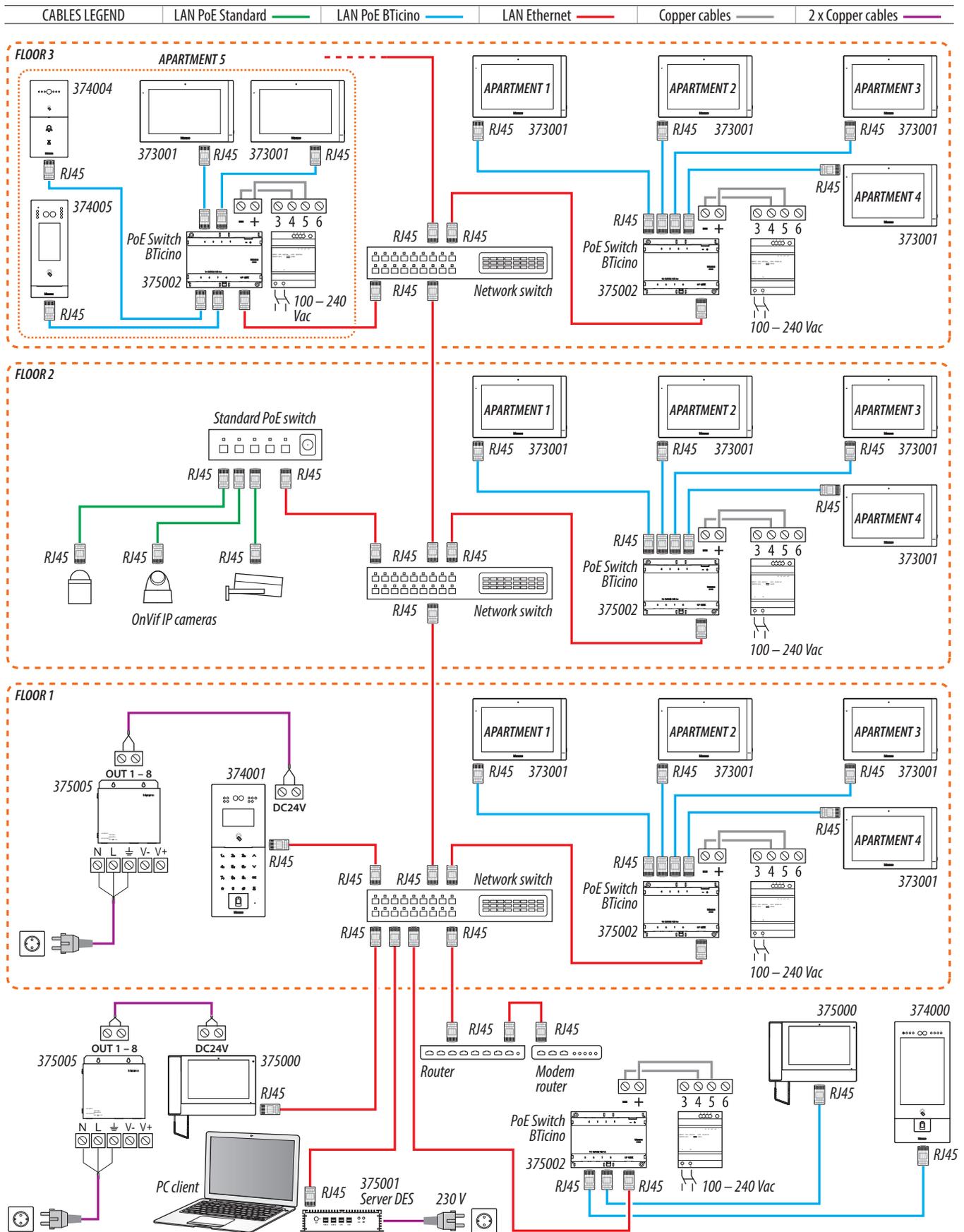


Attention: this device does not support standard POE power supplies, but only POE power supplies identified with 375005. Connect the cat5/5e/6 FTP or cat5/5e/6 UTP cable with ferrite supplied to the connector.

Attention: do not directly connect PoE ports to an unsuitable network interface, such as a device powered by a different voltage. Connect the UP LINK port to a suitable port, never to a PoE port.

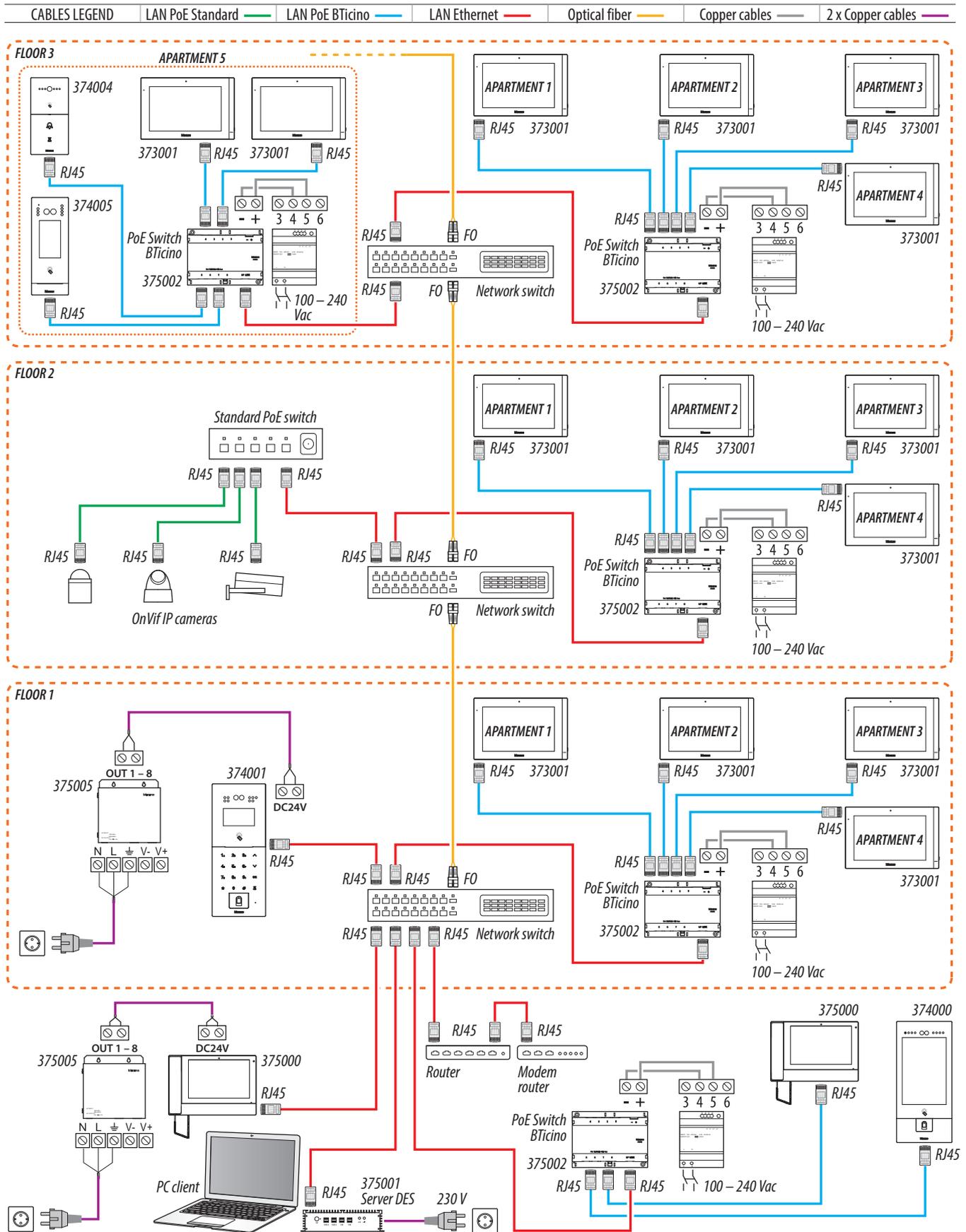
Note: maximum length of every LAN permanent link line = 90 m.

Ethernet connection



Attention: do not directly connect PoE ports to an unsuitable network interface, such as a device powered by a different voltage. Connect the UP LINK port to a suitable port, never to a PoE port.
Note: to connect the devices it is possible to use both types of wiring (diagram A or diagram B) or even mixed ones.

Fiber optic riser connection (case of higher bandwidth demand)



Attention: do not directly connect PoE ports to an unsuitable network interface, such as a device powered by a different voltage. Connect the UP LINK port to a suitable port, never to a PoE port.
Note: to connect the devices it is possible to use both types of wiring (diagram A or diagram B) or even mixed ones.