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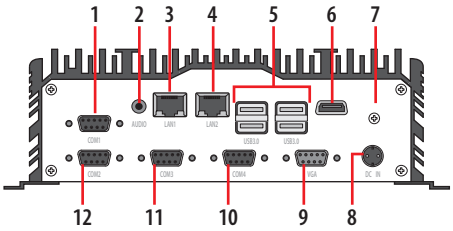
Server DES

375001

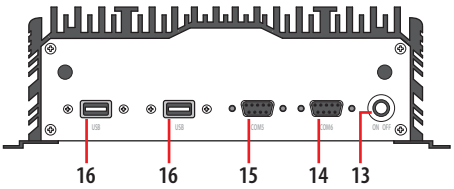
Description

Server DES (Door Entry System) including configuration and management software must be installed in the building under the VLAN network of the IP door entry system. The configuration software must be used to create, configure and update the entire installation. The software is used to create the topology; entrance panels, guard station and indoor units are associated to the corresponding position in an easy and quick way, using a scan tool. It also allows the programming of access control tools, such as: RFID badges, card, fingerprint and face recognition.
The software is also used to: program access control for new residents, view alarm logs, send messages to indoor units, upload advertisements and screensavers and synchronize time/date details on all devices.
Thanks to the connectivity it is possible to back-up in cloud the configuration, download firmware updates and receive notification from the installation. In addition, the connectivity allow the residents to manage the door entry system functions, such as: answer the call and open the gate, directly from their smartphone with Home + Security App. The connectivity to the whole installation must be provided at building level.

Front view



Rear view



Related items

375011 USB face recognition

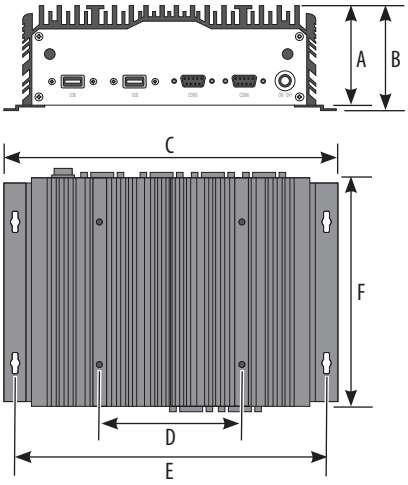
Technical data

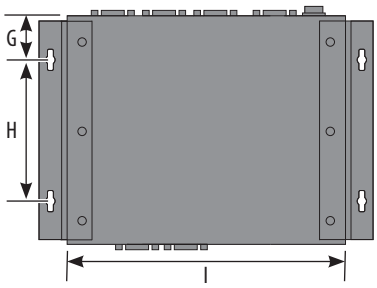
CPU:	Intel® i5 7287U Dual Core up to 3.30 GHz 3M Cache
Power Consumption (TDP)::	15 W
Memory:	8 G; 1 x DDR4 2133 Mhz
Storage:	512G; mSATA SSD
HDMI:	Dual Display: 1*HDMI+1*VGA
USB:	6 x USB3.0 (Type A)
Audio:	1 x Audio
LAN:	2 x Intel i211 10 / 100 / 1000 Mbps Ethernet
Operating Temperature:	(- 10) – (+ 60) C°
Storage Temperature:	(- 20) – (+ 75) C°
Dimension:	(W x D x H): 190 x 160 x 65 mm
Weight:	N.W. 1.95 Kg (4.3 lb)
Gross weight:	3.5 Kg
Material:	Aluminum Alloy

Legend

1. COM1 input
2. Audio output
3. LAN 1 input
4. LAN 2 input
5. USB inputs
6. HDMI output
7. Grounding clamp connection
8. DC input
9. VGA output
10. COM2 input
11. COM3 input
12. COM4 input
13. Power ON/OFF
14. COM5 input
15. COM6 input
16. USB inputs

Dimensional data





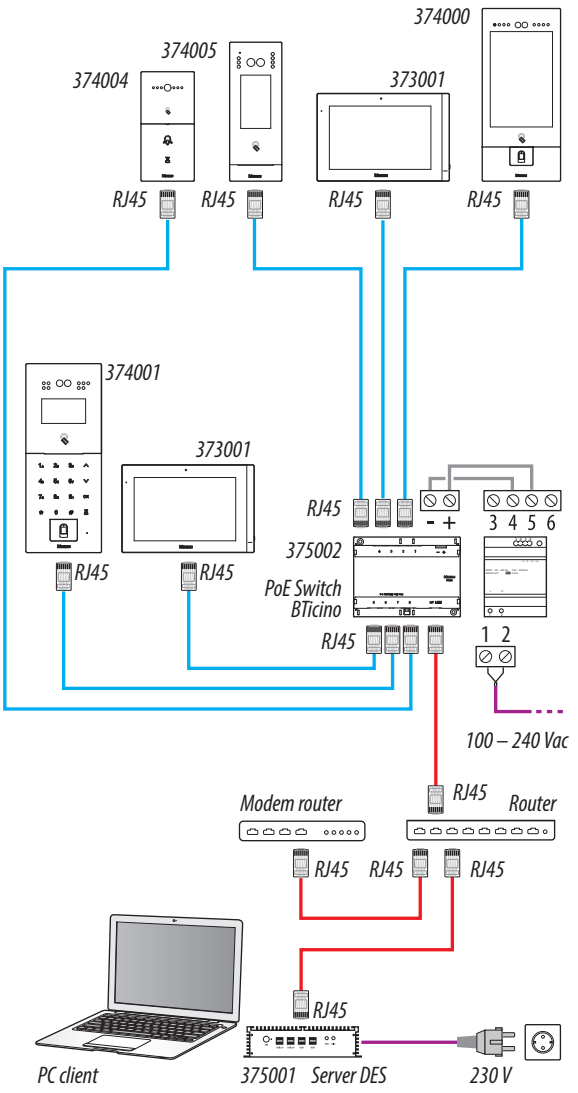
A	B	C	D	E	F	G	H	I
65.3 mm	68.5 mm	229 mm	100 mm	219 mm	160 mm	30 mm	100 mm	195 mm

Wiring diagrams

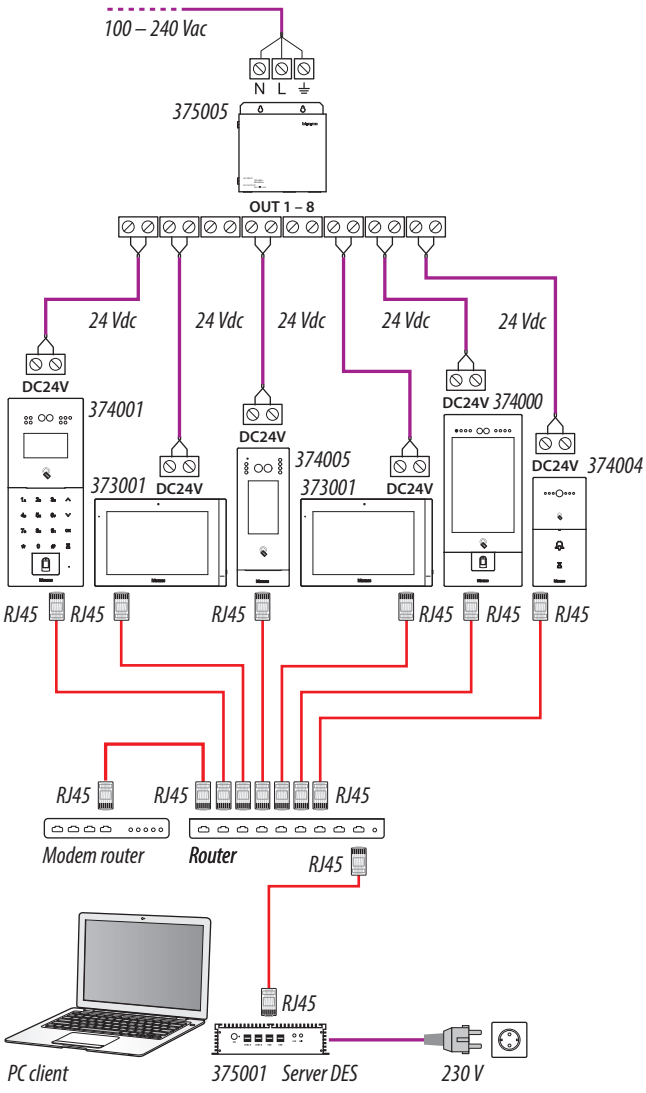
CABLES LEGEND	LAN PoE BTicino	LAN Ethernet	Copper cables	2 x Copper cables

It is possible to use two different types of connection according to installation situation:

A - Diagram with power supply by BTicino PoE Switch



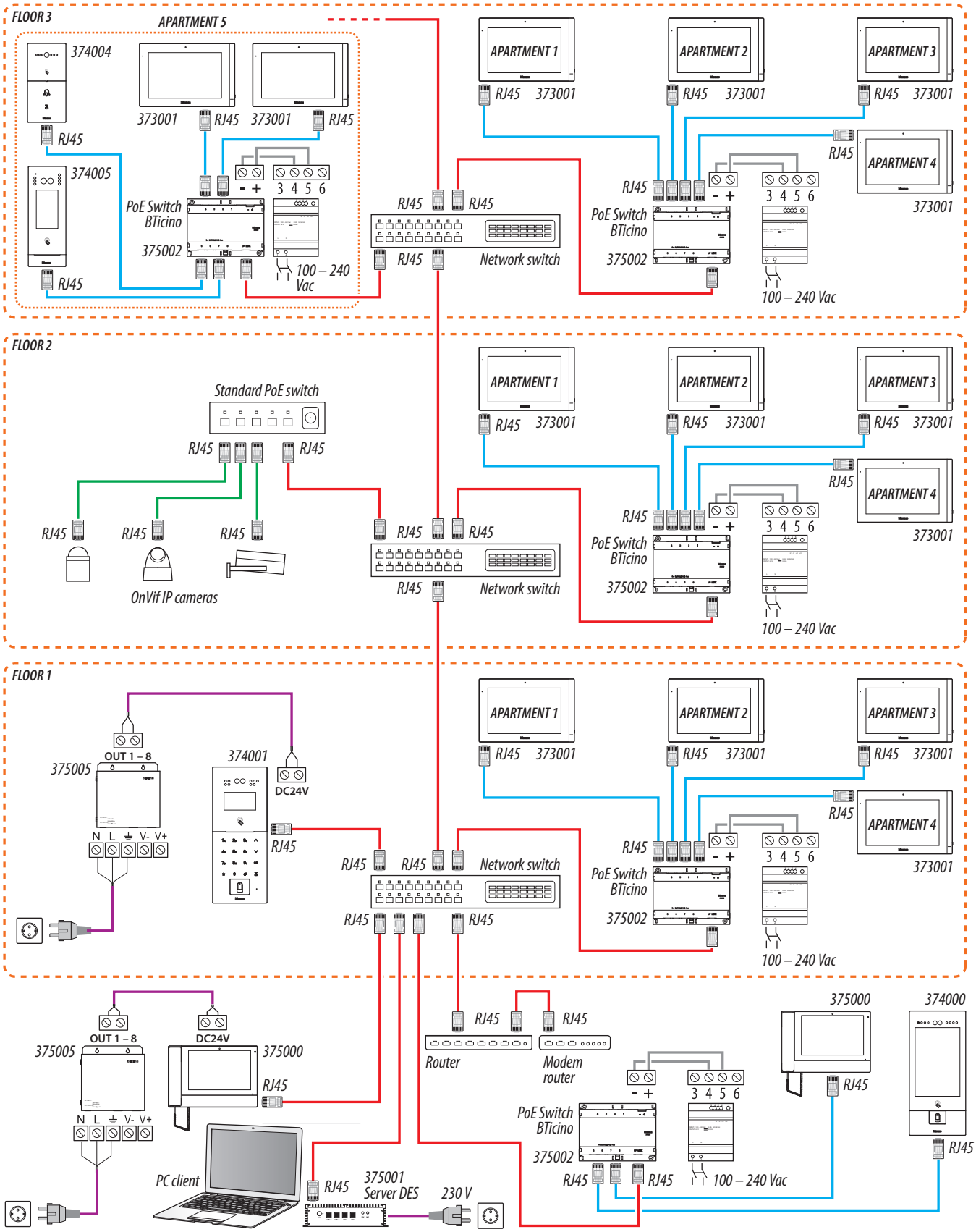
B - Diagram with local power supply



Attention: 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.

Ethernet connection

CABLES LEGEND	LAN PoE Standard	LAN PoE BTicino	LAN Ethernet	Copper cables	2 x Copper cables



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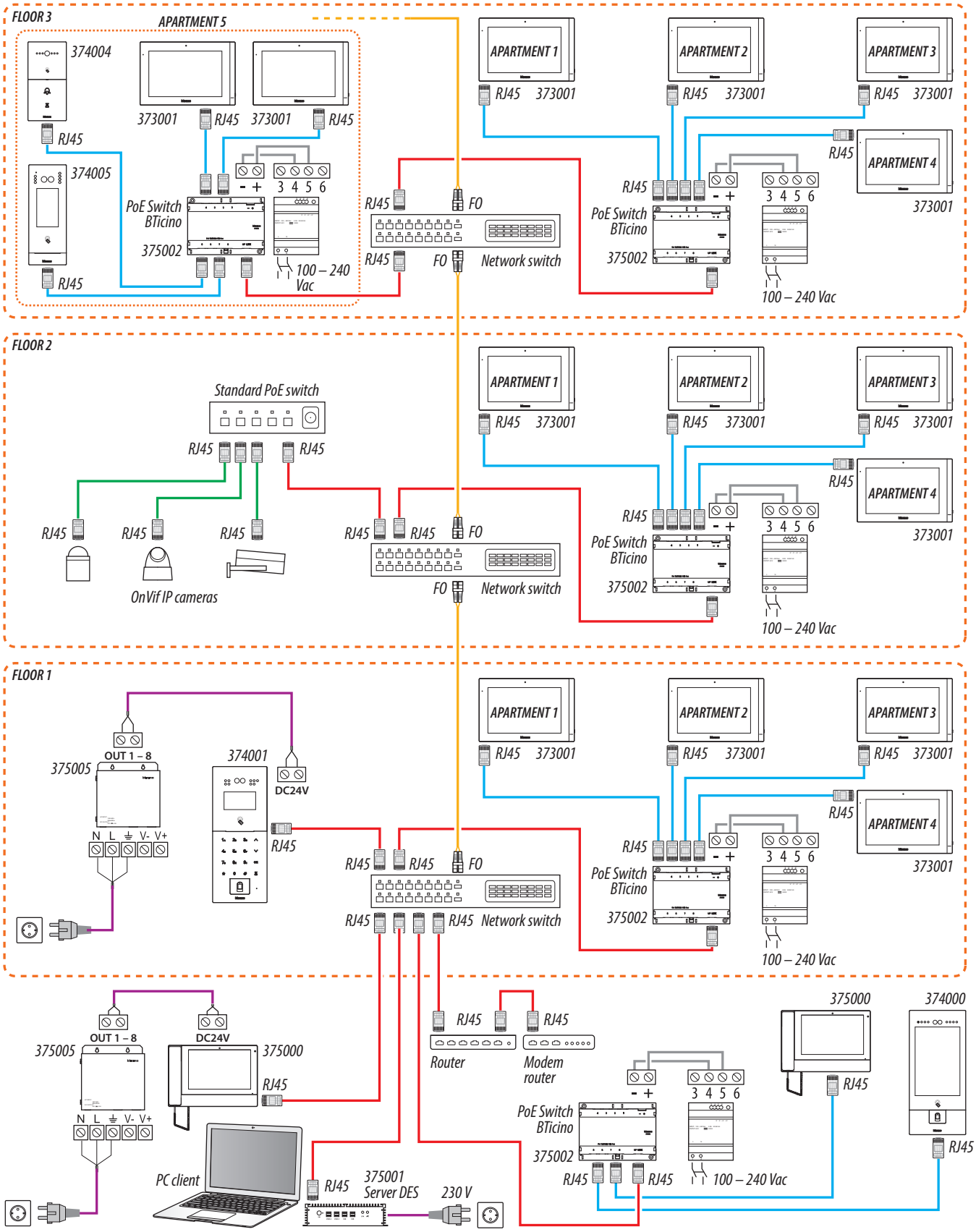
Note: to connect the devices it is possible to use both types of wiring (diagram A or diagram B) or even mixed ones.

Fiber optic riser connection (case of higher bandwidth demand)

CABLES LEGEND	LAN PoE Standard	LAN PoE BTicino	LAN Ethernet	Optical fiber	Copper cables	2 x Copper cables



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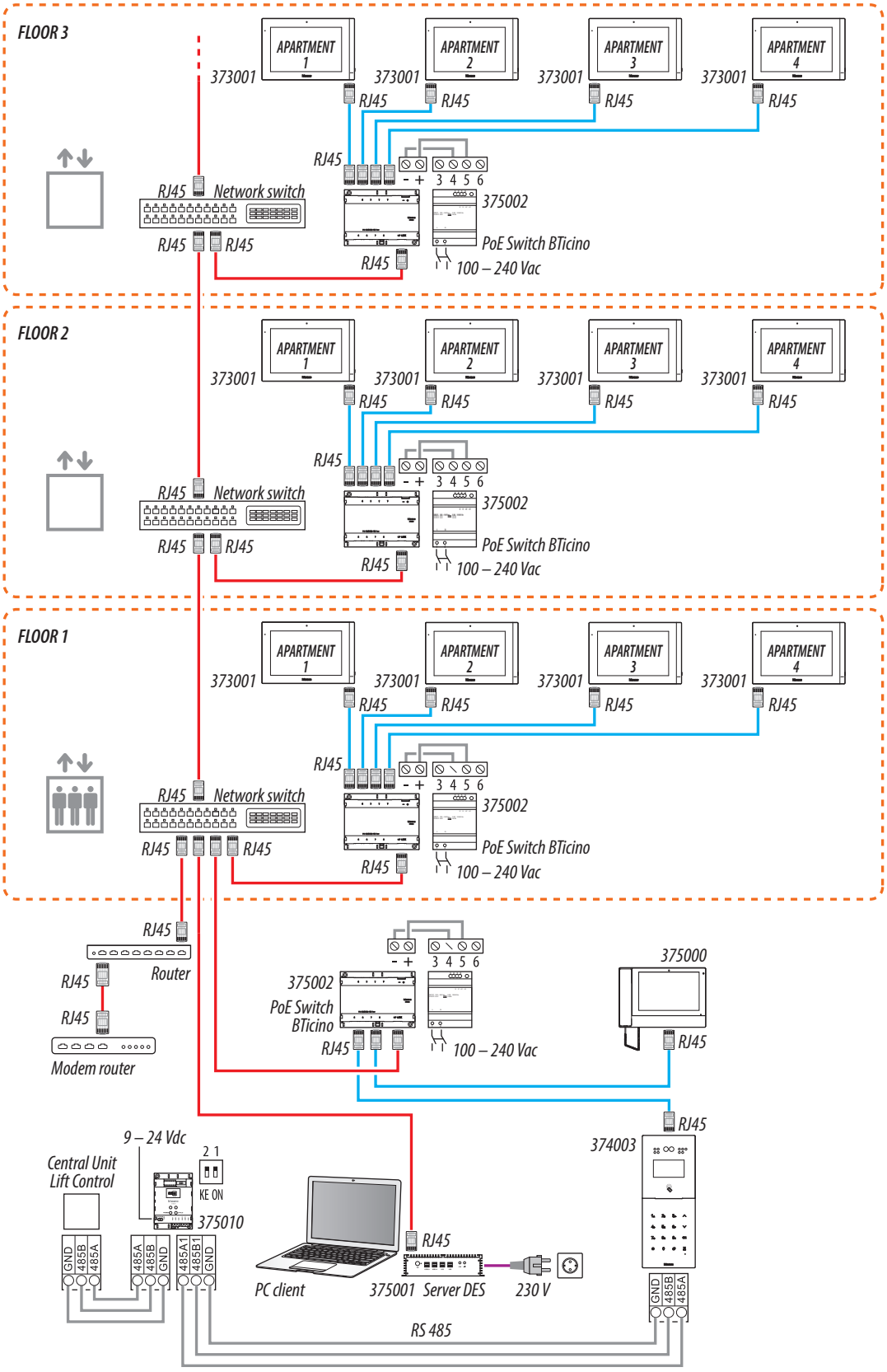
Note: to connect the devices it is possible to use both types of wiring (diagram A or diagram B) or even mixed ones.

Lift control 1 - Lift control, 1 riser, 1 entrance panel

CABLES LEGEND	LAN PoE BTicino	LAN Ethernet	Copper cables	2 x Copper cables



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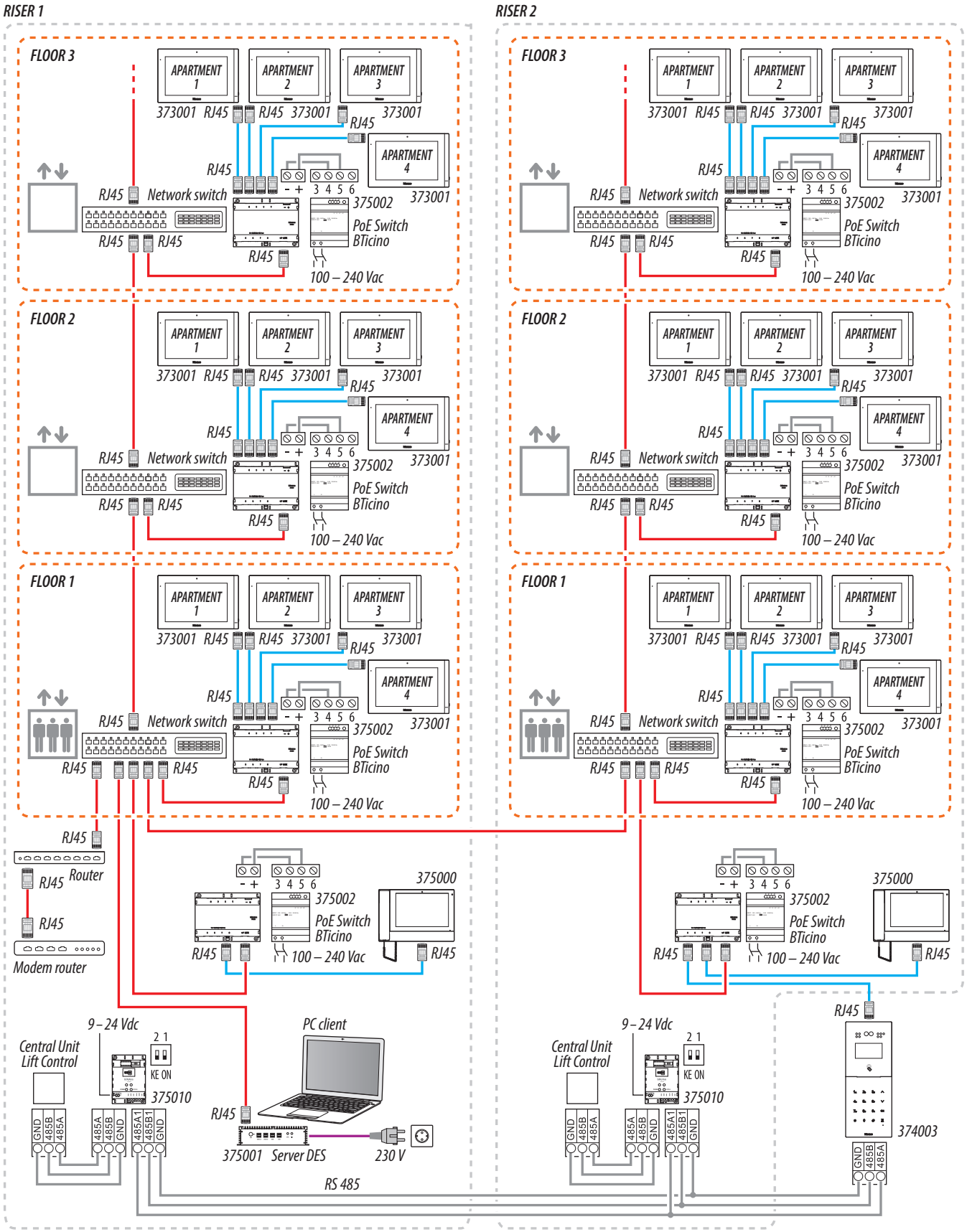
Lift control 2 - Lift control, multi riser, 1 entrance panel

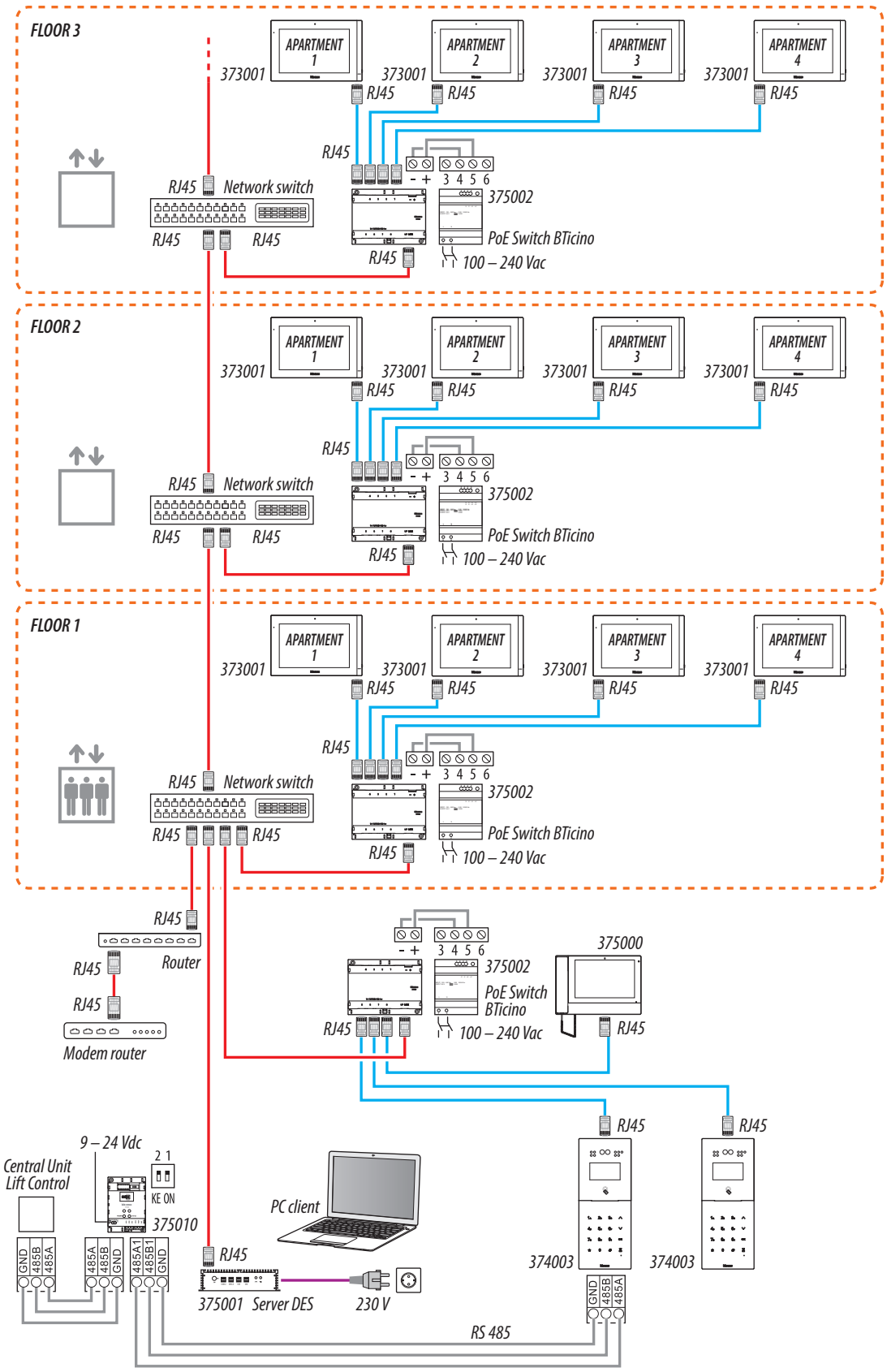
CABLES LEGEND	LAN PoE BTicino	LAN Ethernet	Copper cables	2 x Copper cables



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.

Lift control 3 - Lift control, 1 riser, multi entrance panel

CABLES LEGEND	LAN PoE BTicino	LAN Ethernet	Copper cables	2 x Copper cables



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.