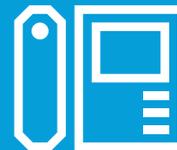


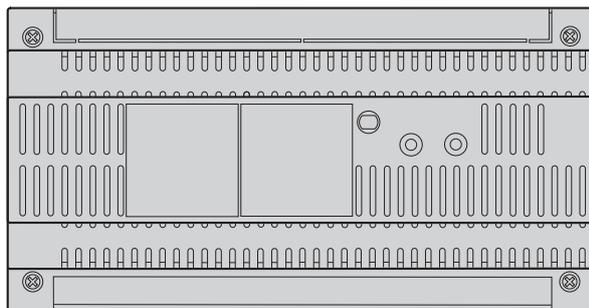
**CAME**   
**BPT**

**CAME.COM**



**VIDEO ENTRY SYSTEM  
POWER SUPPLY**

**FA01381-EN**



**INSTALLATION MANUAL**

**VA/08**

**EN** **English**

## GENERAL WARNINGS

- Read the instructions carefully before starting installation and proceed as specified by the manufacturer.
- Installation, programming, commissioning and maintenance of the product must only be performed by qualified technicians who have been properly trained in compliance with current standards, including health and safety and packaging disposal regulations.
- Control boards can be seriously damaged by electrostatic discharges: if you need to handle them, wear suitable antistatic clothing and footwear or at least make sure you have removed any residual charge beforehand by tapping your fingertips on a metal surface connected to the earthing system (e.g. the chassis of a household appliance).

- Before performing any cleaning or maintenance operation, disconnect the power supply to the device.
- The device must only be used for the purpose for which it was explicitly designed.
- The manufacturer declines all liability for any damage as a result of improper, incorrect or unreasonable use.

The data and information provided in this manual are subject to change at any time without prior notice.

Measurements, unless otherwise indicated, are in millimetres.

## DESCRIPTION

Video entry system power supply for XIP systems.

### Technical data

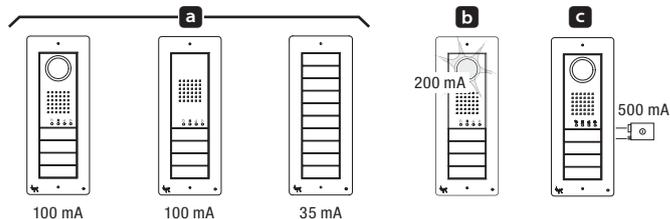
Type	VA/08
Power supply (V AC)	230
Max current draw at (mA AC)	350
Max dissipated power (W)	25
Rated power supply for entry panels (V DC)	18
Current draw for entry panels (mA)	600
Peak power supply for entry panels (V DC)	18
Peak current draw for entry panels (A)	1.1 *
Power supply for riser (V)	20

Type	VA/08
Current draw for riser, for 1' (mA)	800
Current draw for riser, for 3' (mA)	200
DIN modules EN 50022 35x7.5 (n°)	12
Storage temperature (°C)	-25 to + 70
Operating temperature (°C)	0 to +35
Protection rating (IP)	30

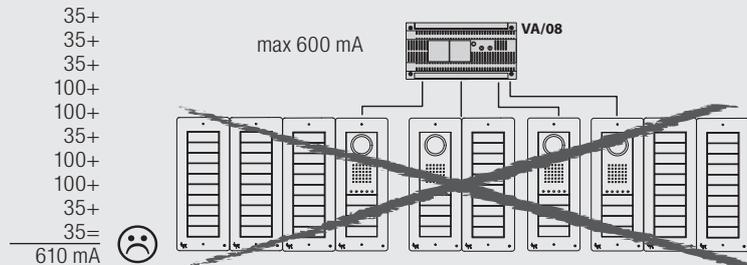
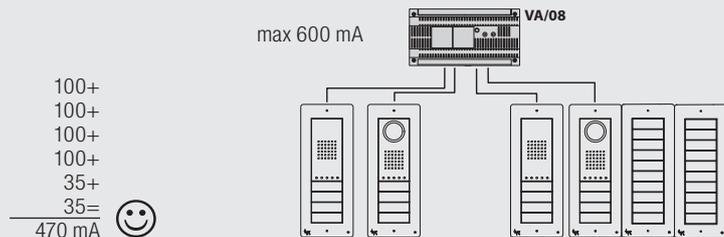
(\* ) 1.6 A if the riser is not connected or is powered separately.

## Calculation of current draws

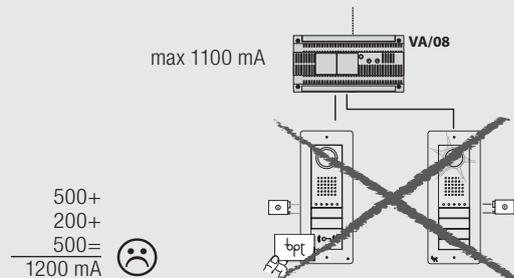
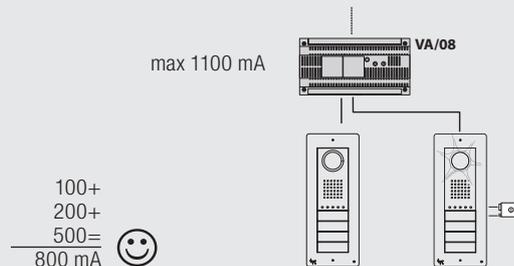
- a** Current draw of individual entry panels at rest
- b** With camera on
- c** With electric lock 'active'



### Examples of calculation with elements at rest



### Examples of calculation with elements active



## Main components

### Terminal block ①

~ ~ | Mains power supply

### Terminal blocks ②/③

+ - | Power supply for entry panels 18 V DC (\*)

A A | Audio

+ D - | Data line

+ V - | Video signal

(\*) The device is protected against overloads and short circuits.

### Terminal block ④

B OUT | Riser output

### Terminal block ⑤

• | Aux 1 Output Open Collector max 100 mA

+12 V | Common

• | Aux 2 Output Open Collector max 100 mA

### Connectors ⑥/ ⑦/ ⑨

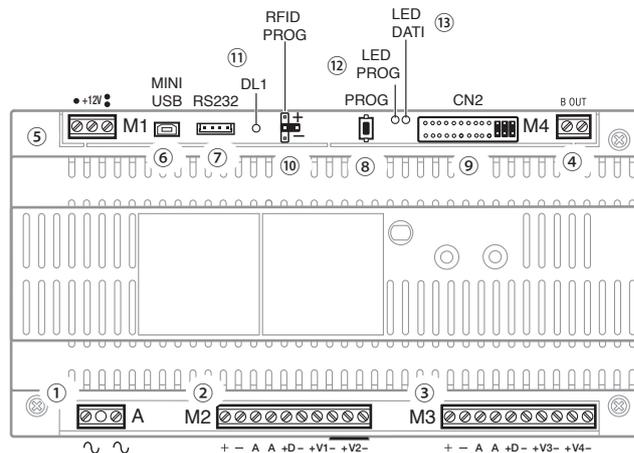
MINI USB | For programming using PC

RS232 | Not used

CN2 | For interfacing with ETI/XIP

### Button ⑧

PROG | For programming entry panels (\*\*)



### Jumper ⑩

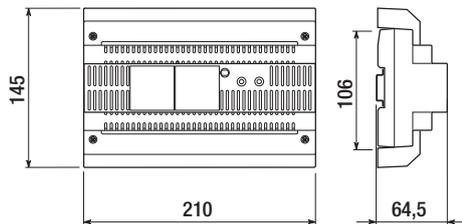
RFID PROG | For memorising/erasing codes and TAGS (\*\*)

### LED ⑪/⑫/⑬

	Colour	Meaning
DL1	Green	USB connected
PROG (**)	Yellow	Programming status
DATA	Red	Data transmission in progress

(\*\*) Refer to the Programming Manual for the DC/08-DVC/08-DC/08ME-DVC/08ME entry panels, code FB00294.

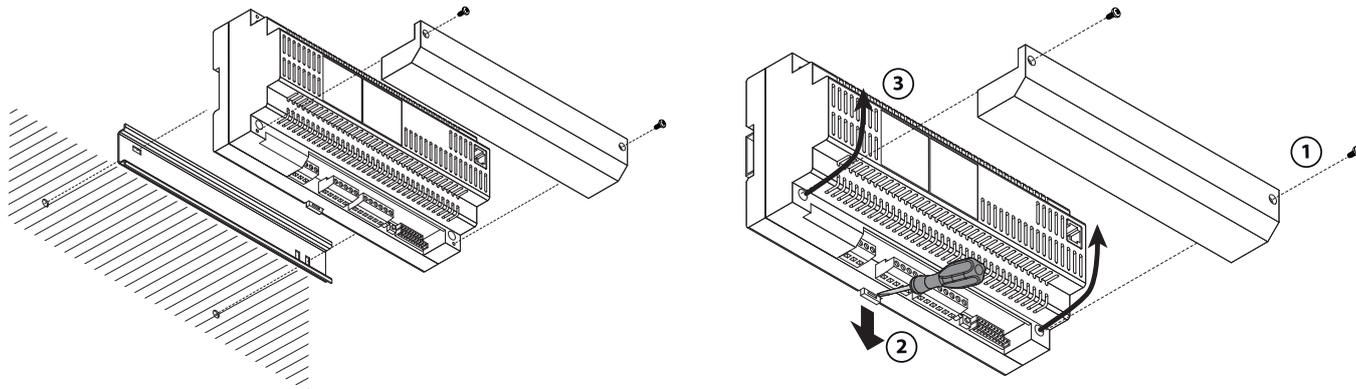
## Dimensions



## INSTALLATION

The device, with a connection for DIN rails, can be installed without terminal covers in closed cabinet or on the wall with a view to applying terminal covers.

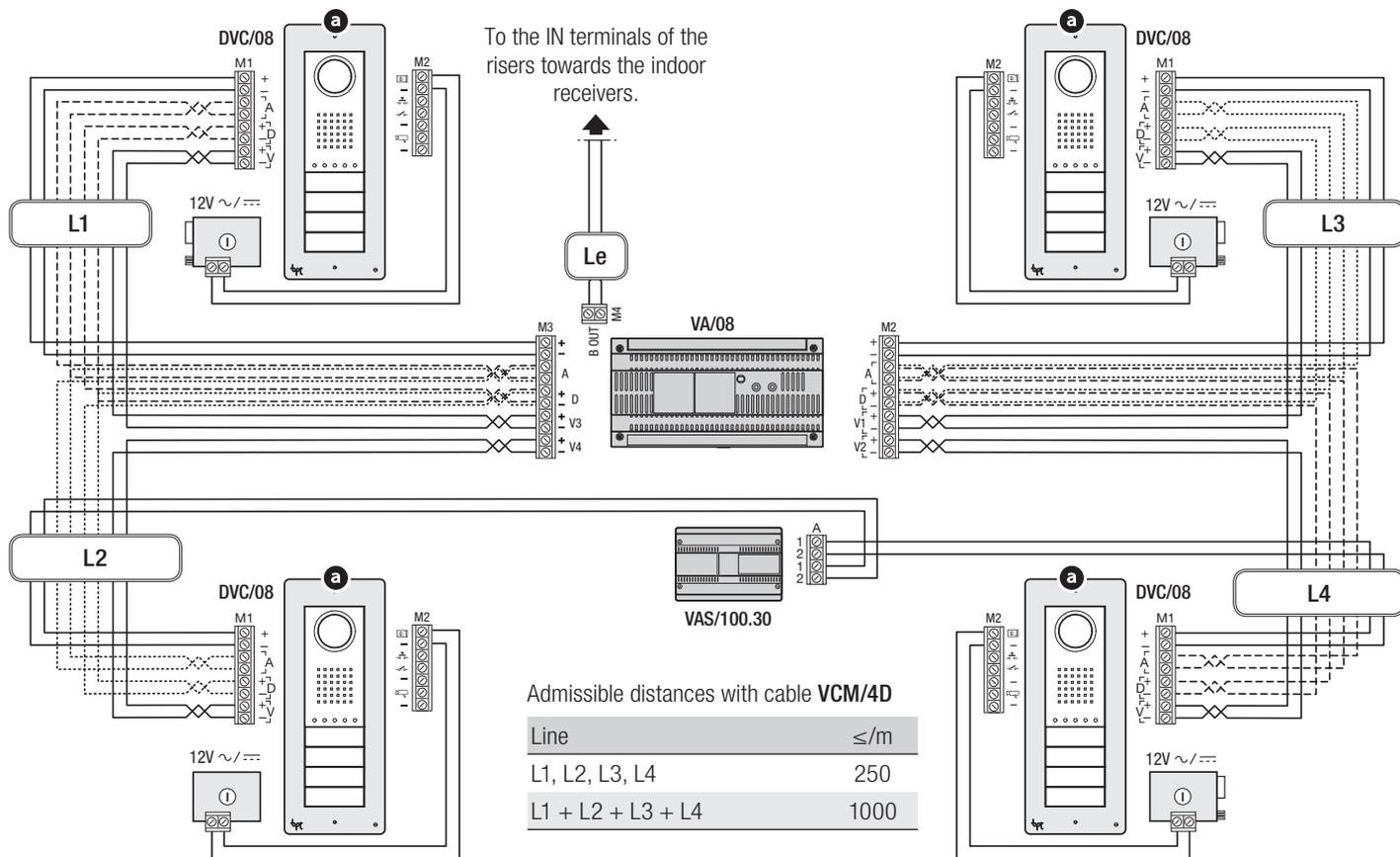
 Always position horizontally, as shown. If in a cabinet, check for air grilles.





## SAMPLE SYSTEMS WITH VA/08

Multi-family system with **a** 4 entry panels.

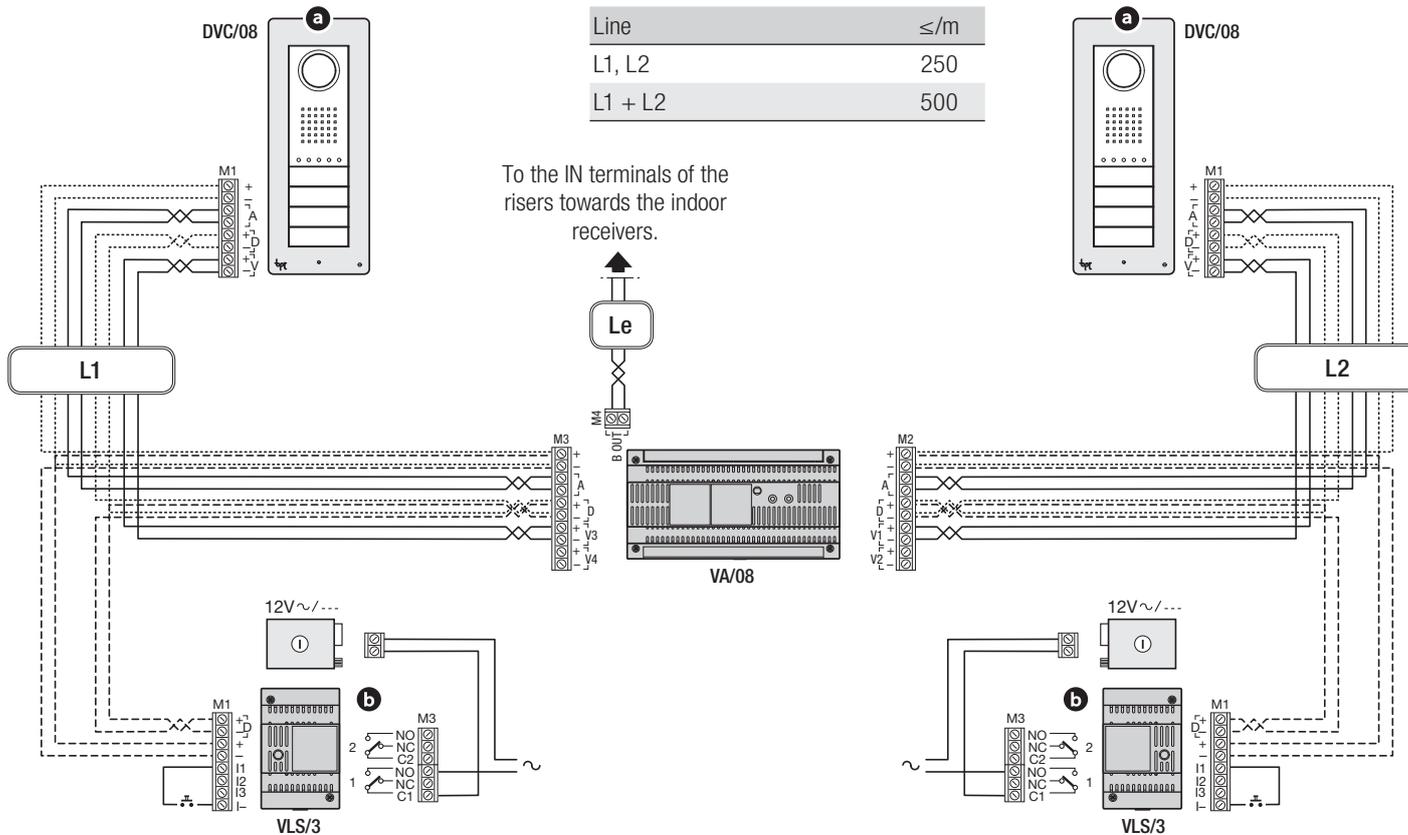


## SAMPLE SYSTEMS WITH VA/08

Multi-family system with **a** 2 entry panels and with **b** relay units for auxiliary services.  
 Max 4 VLS/3 can be used for each VA/08.

Admissible distances with cable **VCM/4D**

Line	≤/m
L1, L2	250
L1 + L2	500

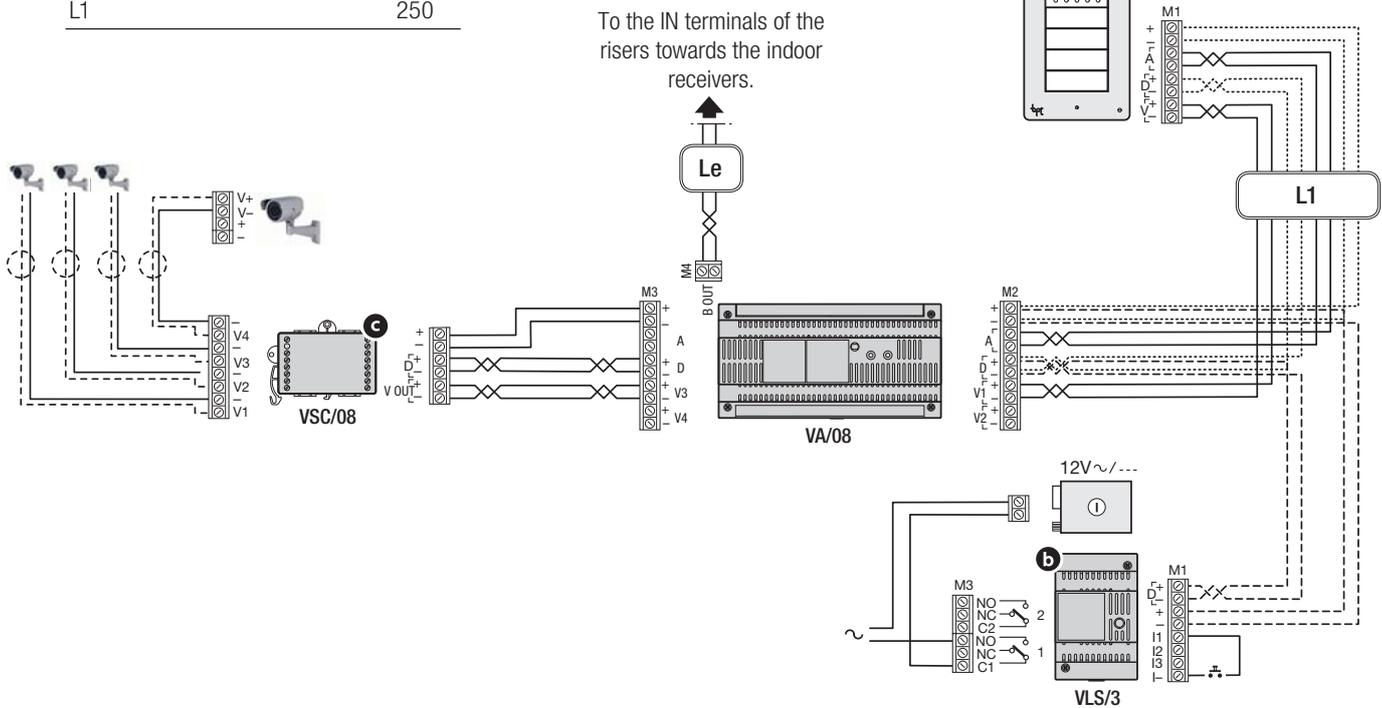


## SAMPLE SYSTEMS WITH VA/08

Multi-family system with **a** 1 entry panel, **b** relay unit for auxiliary services and **c** 4 separate video cameras.

Admissible distances with cable **VCM/4D**

Line	≤/m
L1	250

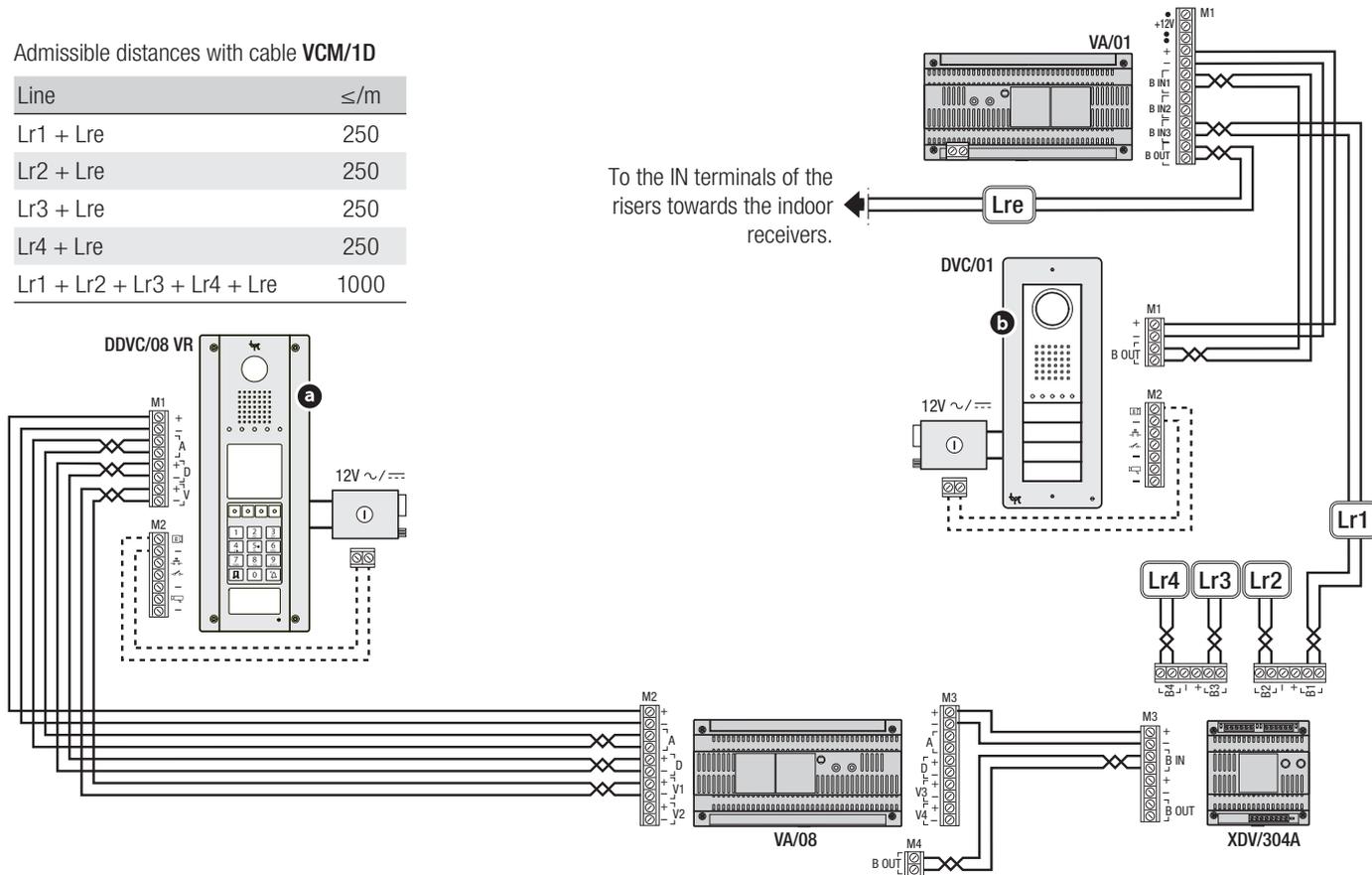


## SAMPLE SYSTEMS WITH VA/08

Residential system - 1 main encoded entry panel **a** (to call all the indoor receivers) with entry panels (max 4) **b** powered individually with VA/08.

Admissible distances with cable **VCM/1D**

Line	≤/m
Lr1 + Lre	250
Lr2 + Lre	250
Lr3 + Lre	250
Lr4 + Lre	250
Lr1 + Lr2 + Lr3 + Lr4 + Lre	1000



# PROGRAMMING RECORD

SYSTEM ..... Block ..... Name ..... No. of users ..... Date .....

Description and location of power supply

VA/08   
VA/08

SN

.....

## Description and location of DEVICES on the DISTRIBUTION

1  .....

2  .....

3  .....

4  .....

5  .....

6  .....

7  .....

8  .....

9  .....

10  .....

## Description and location of DEVICES on the DISTRIBUTION

11  .....

12  .....

13  .....

14  .....

15  .....

16  .....

17  .....

18  .....

19  .....

20  .....

Description and location of DEVICES on the RISER

1 SN .....

2 SN .....

3 SN .....

4 SN .....

5 SN .....

6 SN .....

7 SN .....

8 SN .....

9 SN .....

10 SN .....

11 SN .....

12 SN .....

13 SN .....

14 SN .....

Description and location of DEVICES on the RISER

15 SN .....

16 SN .....

17 SN .....

18 SN .....

19 SN .....

20 SN .....

21 SN .....

22 SN .....

23 SN .....

24 SN .....

25 SN .....

26 SN .....

27 SN .....

28 SN .....

Description and location of DEVICES on the RISER	
29	SN .....
30	SN .....
31	SN .....
32	SN .....
33	SN .....
34	SN .....
35	SN .....
36	SN .....
37	SN .....
38	SN .....
39	SN .....
40	SN .....
41	SN .....
42	SN .....

Description and location of DEVICES on the RISER	
43	SN .....
44	SN .....
45	SN .....
46	SN .....
47	SN .....
48	SN .....
49	SN .....
50	SN .....
51	SN .....
52	SN .....
53	SN .....
54	SN .....
55	SN .....
56	SN .....

Description and location of DEVICES on the RISER

57 SN .....

58 SN .....

59 SN .....

60 SN .....

61 SN .....

62 SN .....

63 SN .....

64 SN .....

65 SN .....

66 SN .....

67 SN .....

68 SN .....

69 SN .....

70 SN .....

Description and location of DEVICES on the RISER

71 SN .....

72 SN .....

73 SN .....

74 SN .....

75 SN .....

76 SN .....

77 SN .....

78 SN .....

79 SN .....

80 SN .....

81 SN .....

82 SN .....

83 SN .....

84 SN .....

Description and location of DEVICES on the RISER	
85	SN ..... .....
86	SN ..... .....
87	SN ..... .....
88	SN ..... .....
89	SN ..... .....
90	SN ..... .....
91	SN ..... .....
92	SN ..... .....

Description and location of DEVICES on the RISER	
93	SN ..... .....
94	SN ..... .....
95	SN ..... .....
96	SN ..... .....
97	SN ..... .....
98	SN ..... .....
99	SN ..... .....
100	SN ..... .....

## DISMANTLING AND DISPOSAL

CAME S.p.A. implements an EN ISO 14001 certified and compliant Environmental Management System at its plants, to ensure environmental protection.

Please continue our efforts to protect the environment, something that CAME considers to be one of the foundations in developing its business and market strategies, simply by observing brief recommendations as regards disposal:

### DISPOSAL OF PACKAGING

Packaging components (cardboard, plastic etc.) can be disposed of together with normal household waste without any difficulty, by simply separating the different types of waste and recycling them.

Before proceeding, it is always advisable to check specific regulations in force in the place of installation.

### DISPOSAL OF THE PRODUCT

Our products are made with different materials. Most of them (aluminium, plastic, iron, electrical cables) can be disposed of together with normal household waste. They can be recycled if collected, sorted and sent to authorised centres.

 Altri componenti (schede elettroniche, batterie dei trasmettitori, etc.) on the other hand, may contain pollutants.

They should therefore be removed and handed over to companies authorised to recover and recycle them.

Before proceeding, it is always advisable to check specific regulations in force in the place of disposal.

## DECLARATION OF CONFORMITY

**CE** Declaration. CAME S.p.A. declares that this device complies with the essential requirements and other relevant provisions established in Directive 2004/108/EC. The original can be requested.

**CAME** 

**CAME.COM**

**CAME S.P.A.**

Via Martiri Della Libertà, 15

31030 Dosson di Casier - Treviso - Italy

tel. (+39) 0422 4940 - fax. (+39) 0422 4941