

DUOX

FERMAX

DUOX SYSTEM

TECHNICAL BOOK
SECTION II



DUOX TECHNICAL BOOK

The DUOX technical book consists of two sections:

- Section I: Description of the DUOX system (Cod. 970122I-1)
- Section II: DUOX installation diagrams (Cod. 970122I-2)

DUOX Technical Book - Section II
Code 970122I-2 V02_18

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2.4 EXTENSIONS AND ACCESSORIES

- Light and buzzer commander
- Call extender
- Additional apartment door bell pushbutton
- Egress pushbutton for door release from the inside
- Extension of 2 apartment terminals with power supply set
- DUOX relay for the release of a 2nd door (outdoor panel with alternative lock release)

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DUOX INSTALLATION DIAGRAMS

1. INTRODUCTION

Section II of the DUOX Technical Book is the part which deals with diagrams.

The diagrams have been designed based on what are considered to be the most common types of real-life installations.

Each installation includes 2 types of diagram:

- Single-line diagram.
- Wiring diagrams.

The **single-line diagram** is a graphic representation of the installation in which the collection of wires is represented by one single line regardless of the quantity of wires. The single-line diagrams in this book have been designed to fit on a single page, so that the complete installation can be seen at a glance.

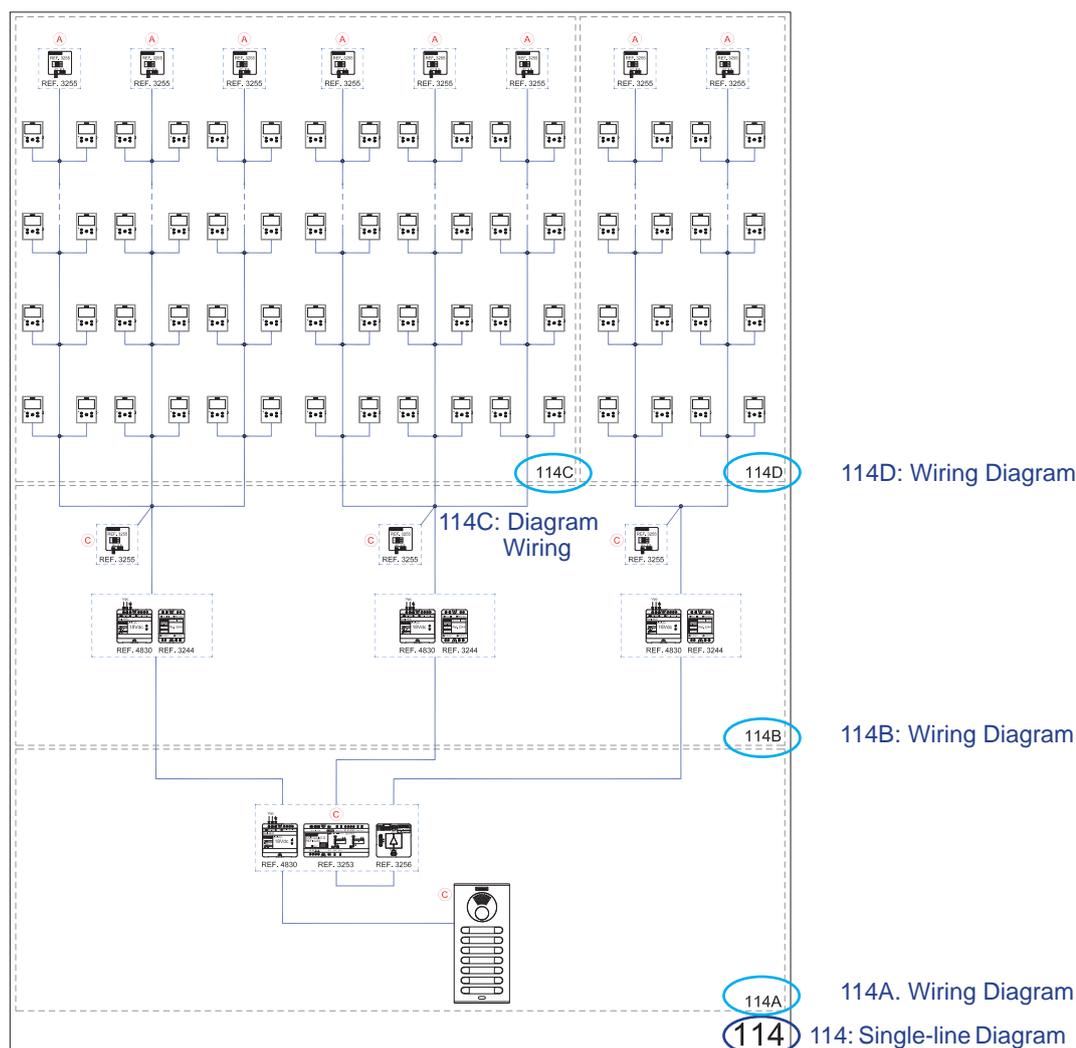
The **wiring diagrams**, however, are the representation of all of the wires that are involved in the installation. The connection and the components have been placed in a similar manner to the real placement of these. The lines or rolls of the cables may cross between one another. The wiring diagrams have been divided into several diagrams to ensure the optimum size for viewing the connections.

Prior to the installation diagrams are the common diagrams relating to the **lock release connection** and the **internal pre-wiring of outdoor panels**, while the last part of the manual contains the diagrams for **extensions and accessories**.

1.1 EXAMPLE OF A SINGLE-LINE DIAGRAM AND WIRING DIAGRAMS

This example will explain the relationship between the single-line diagram and the corresponding wiring diagrams.

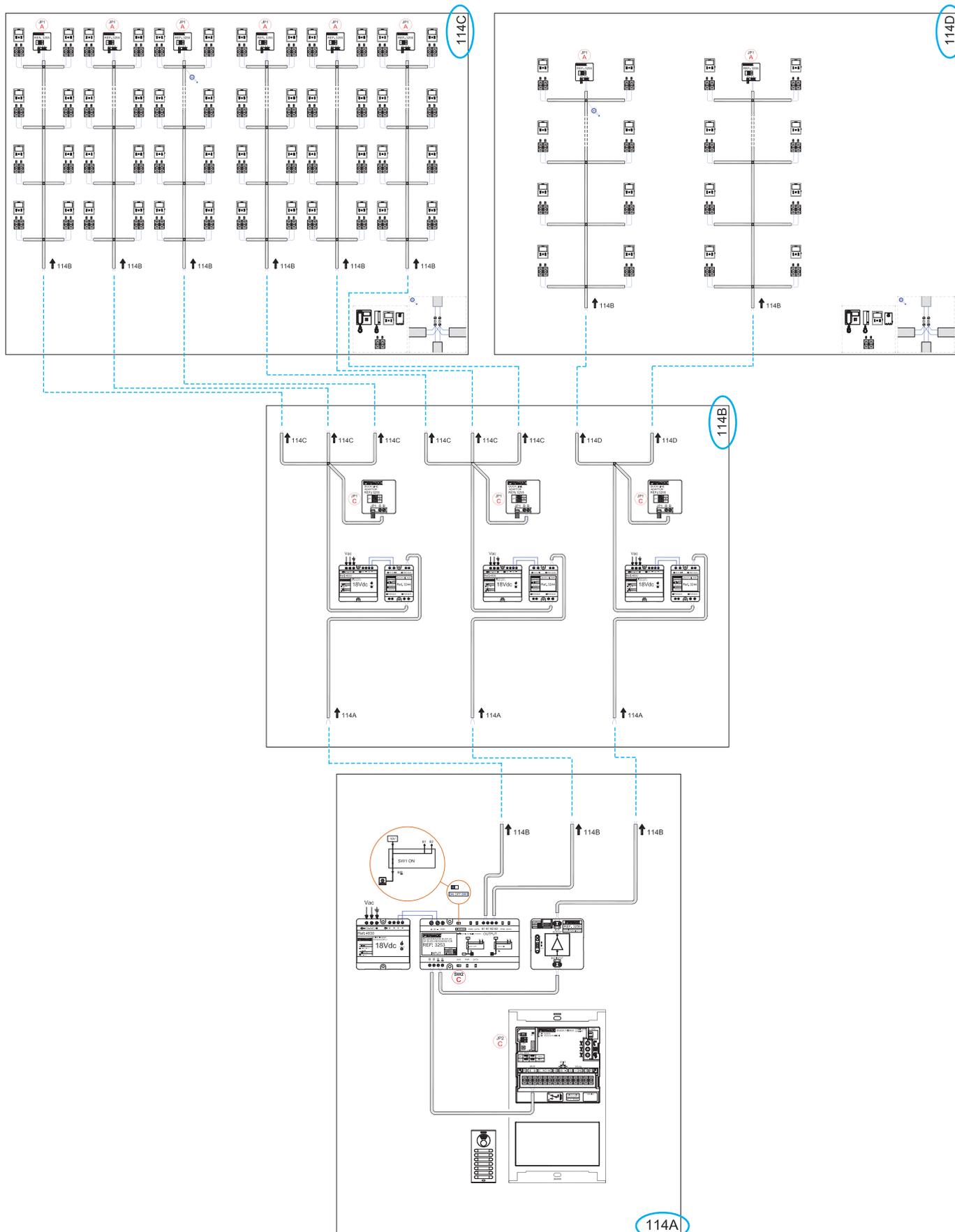
SINGLE-LINE DIAGRAM



SINGLE-LINE DIAGRAM = UNION OF WIRING DIAGRAMS

$$114 = 114A + 114B + 114C + 114D$$

WIRING DIAGRAM



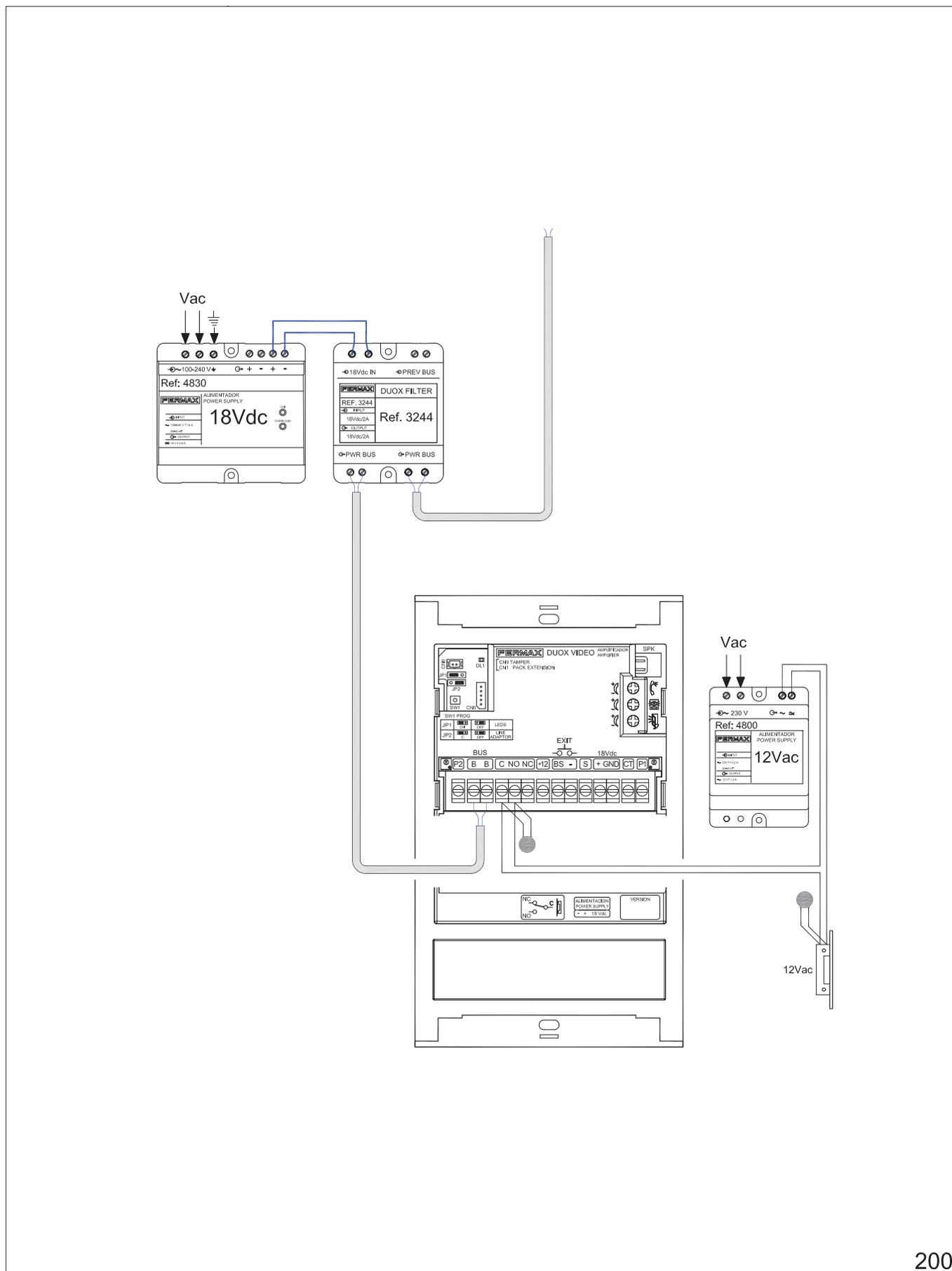
Very important notes:

- The installation diagrams in this manual have been developed on the basis of using a 2x1mm² parallel wire (Fermox Roll Ref. 5925), in reference to everything relative to the distances and number of monitors specified in the titles .
- With a different type of wire, see section 9. DUOX INSTALLATIONS / 9.1 Prior considerations about wiring and DUOX consumption from SECTION I of the DUOX technical book.

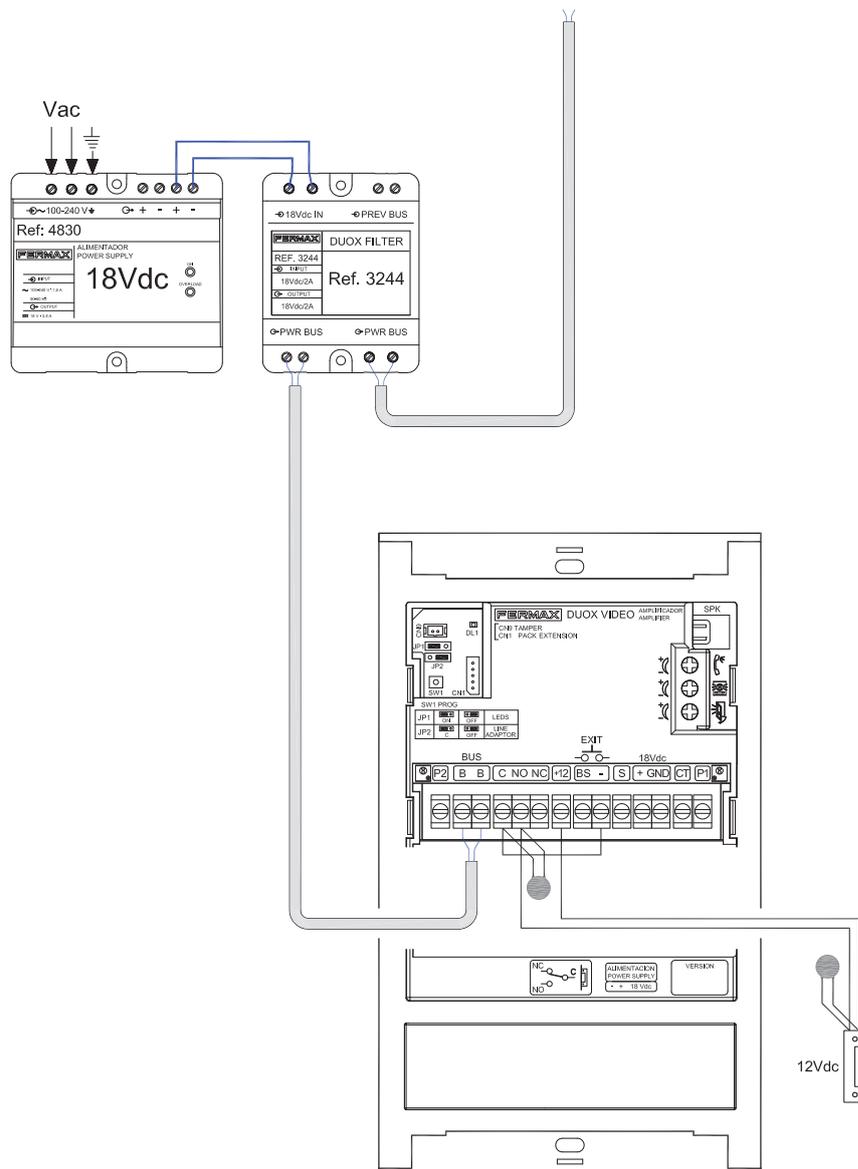
2. DIAGRAMS

2.1 LOCK RELEASE CONNECTION

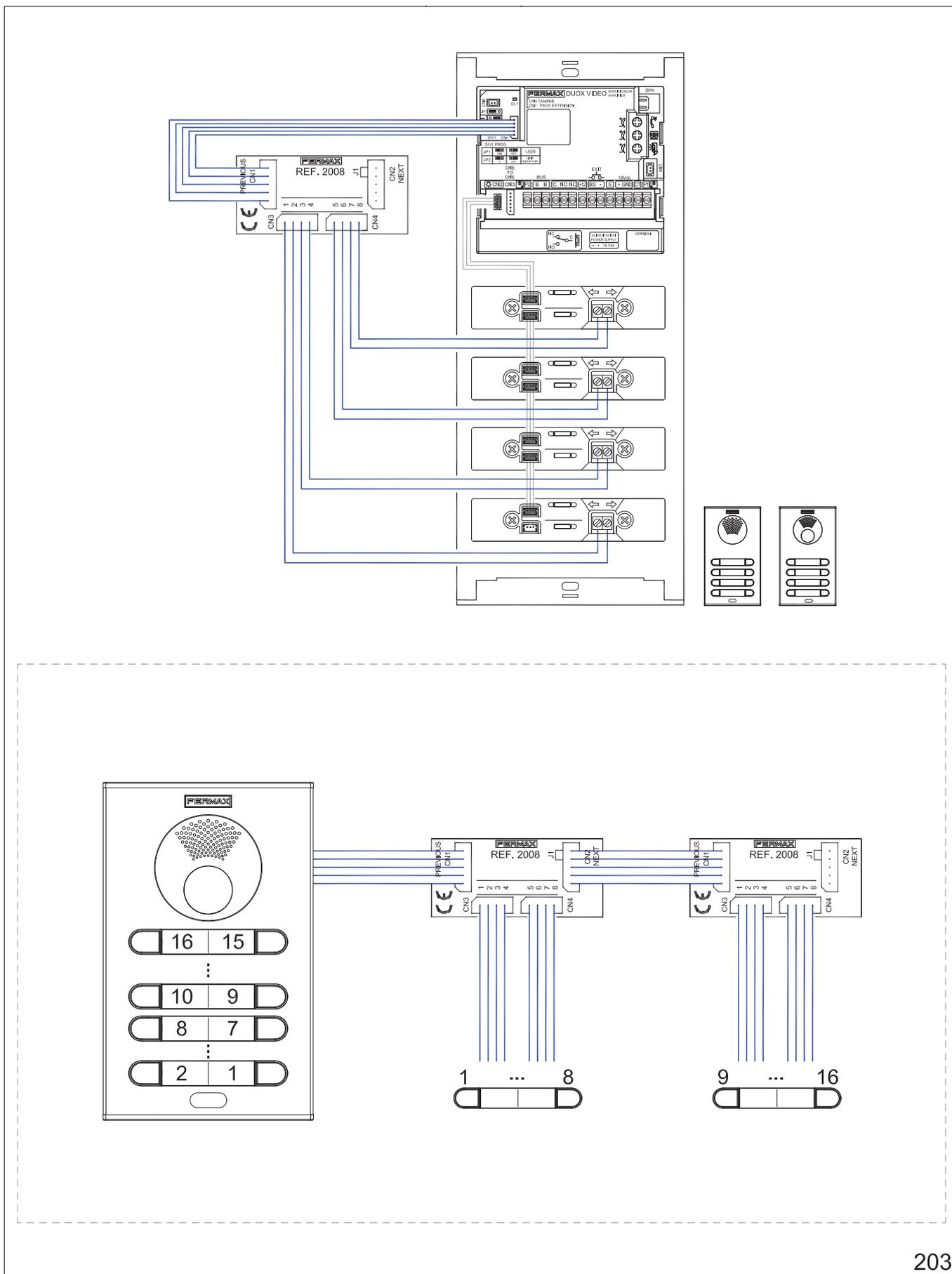
200 - Alternative current lock release connection.



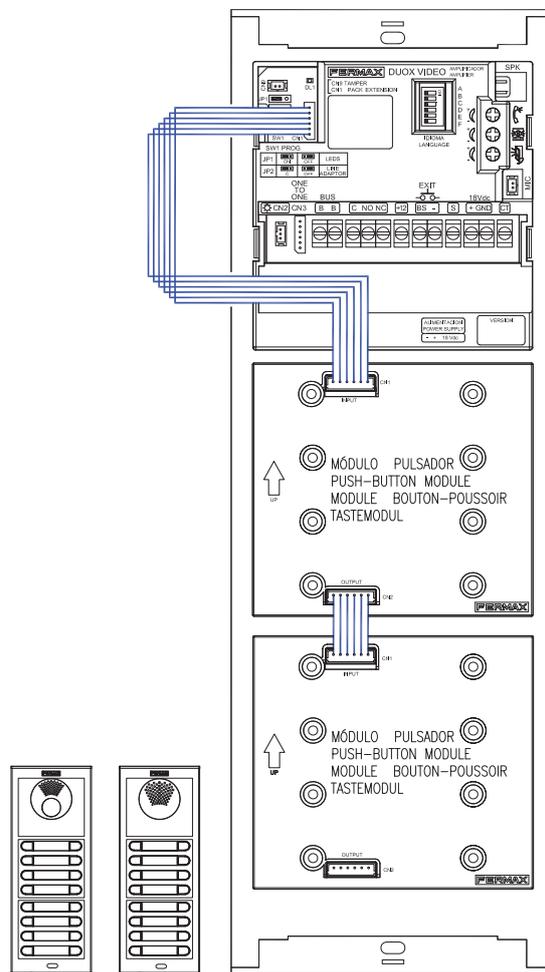
201 - Direct current lock release connection.



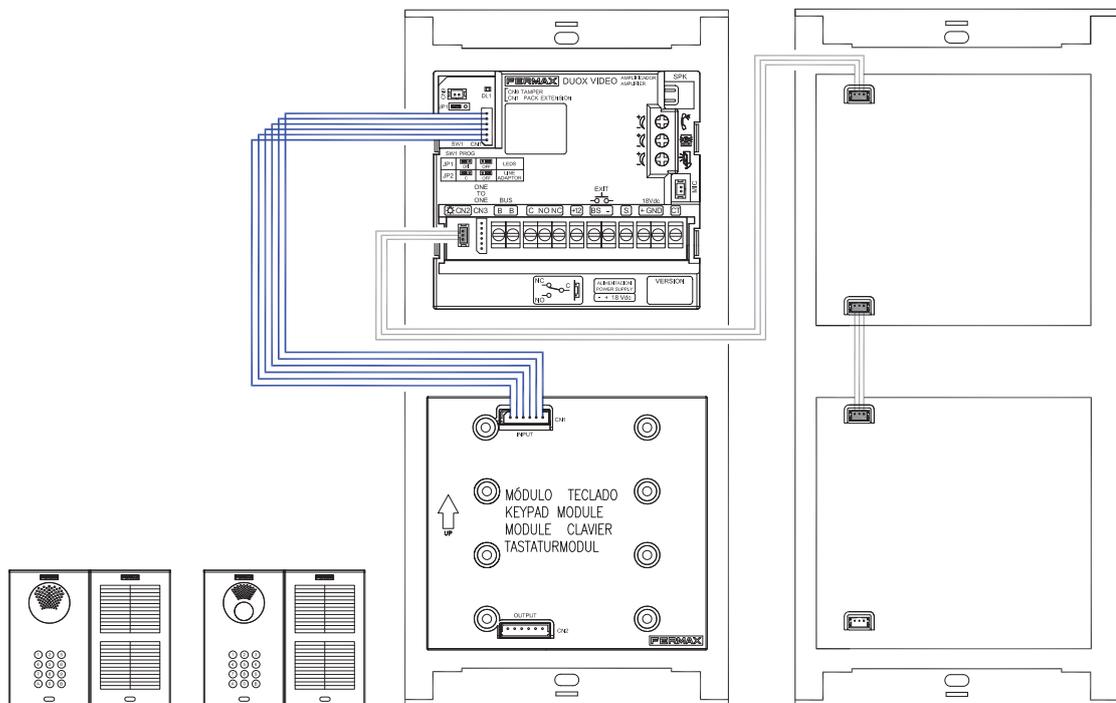
203 - Call extension module ref. 2008 in audio/video pushbutton panel.



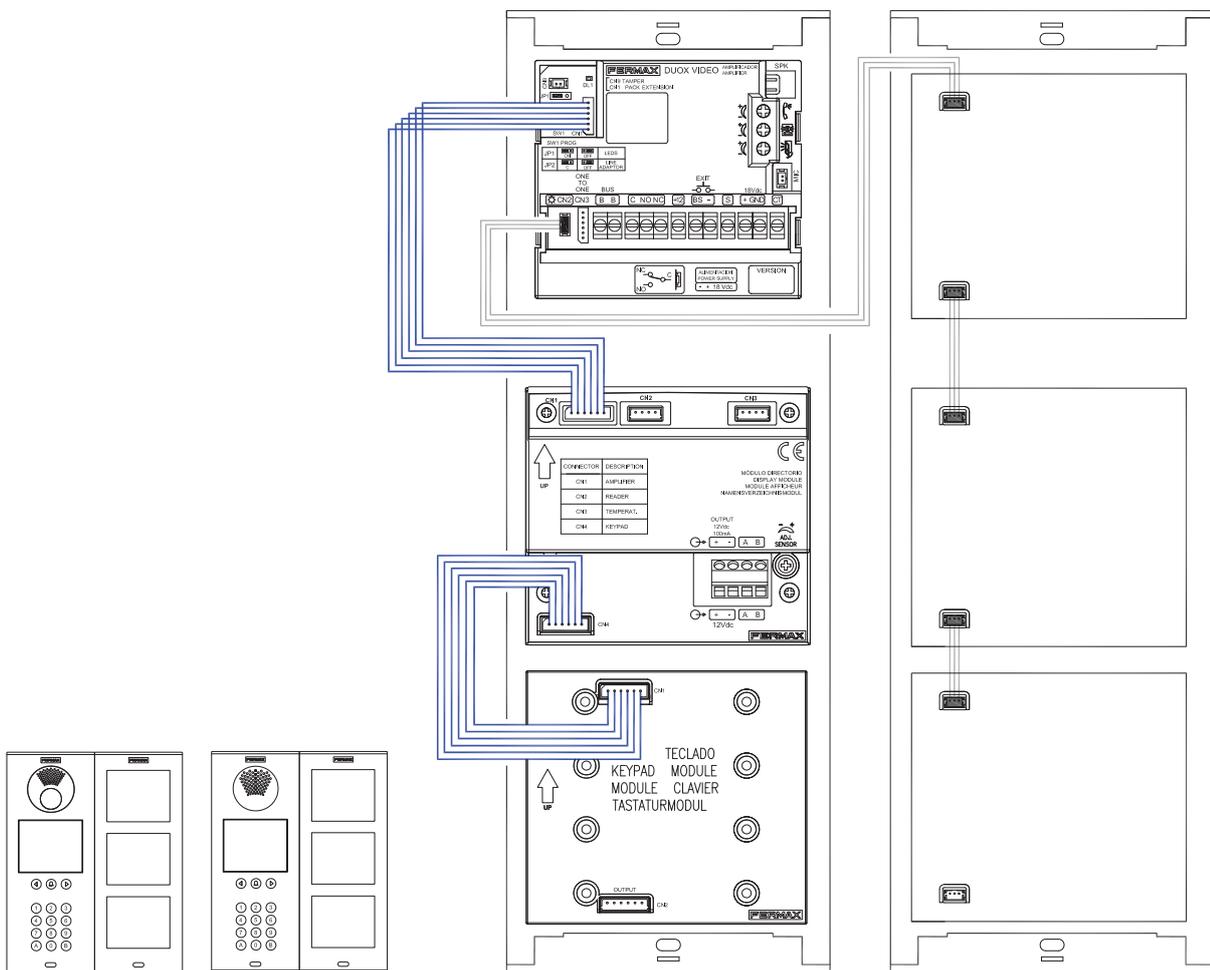
204 - Skyline panel (modular) audio/video.



205 - Direct panel (keypad) audio/video.



206 - Digital Display Extra panel (keypad+display) audio/video.



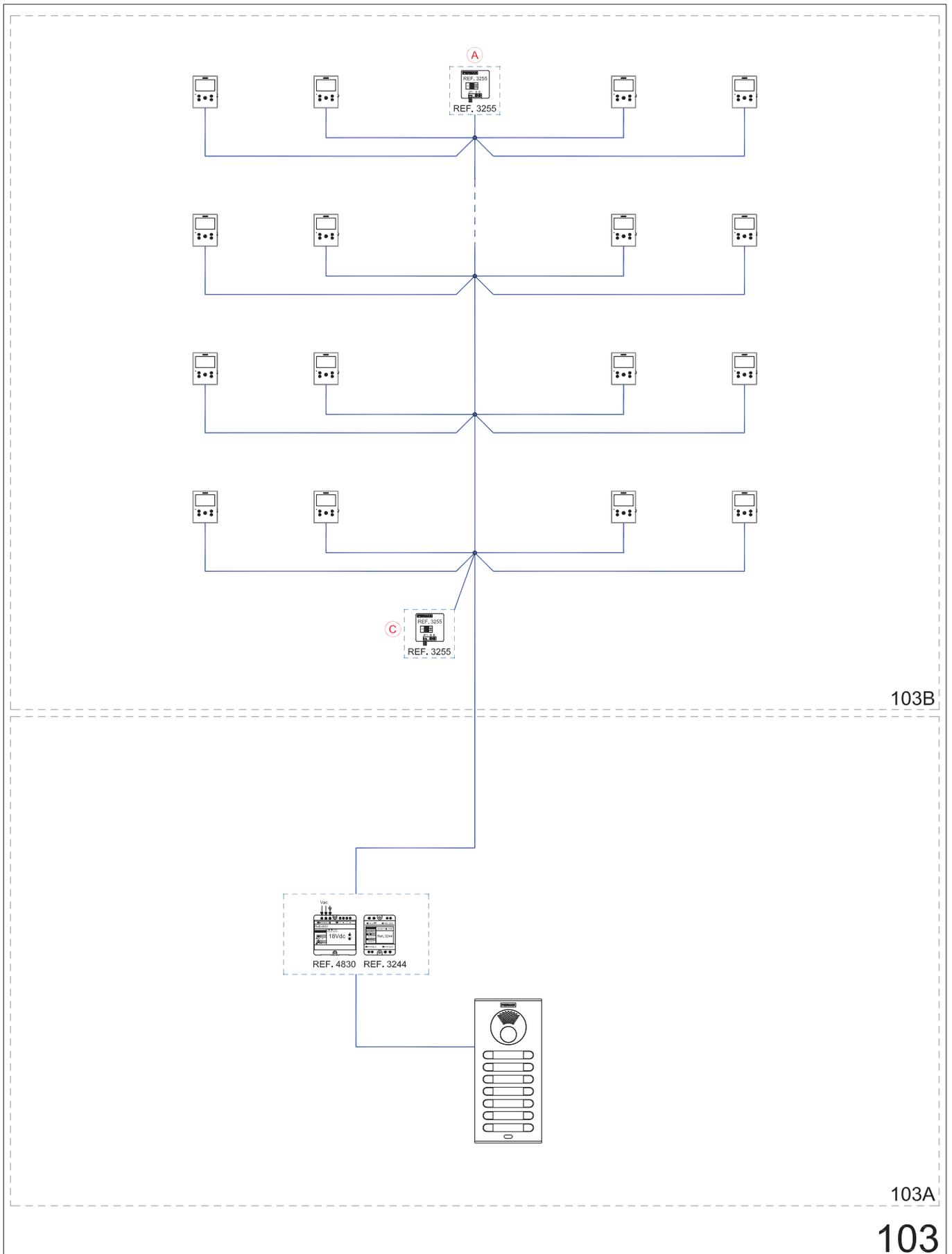
2.3 INSTALLATION DIAGRAMS

2.3.1 BLOCK DIAGRAM WITH 1 VIDEO ACCESS

1 video access with 1 riser.

Distribution 4 terminals per floor: up to 20 monitors/telephones.

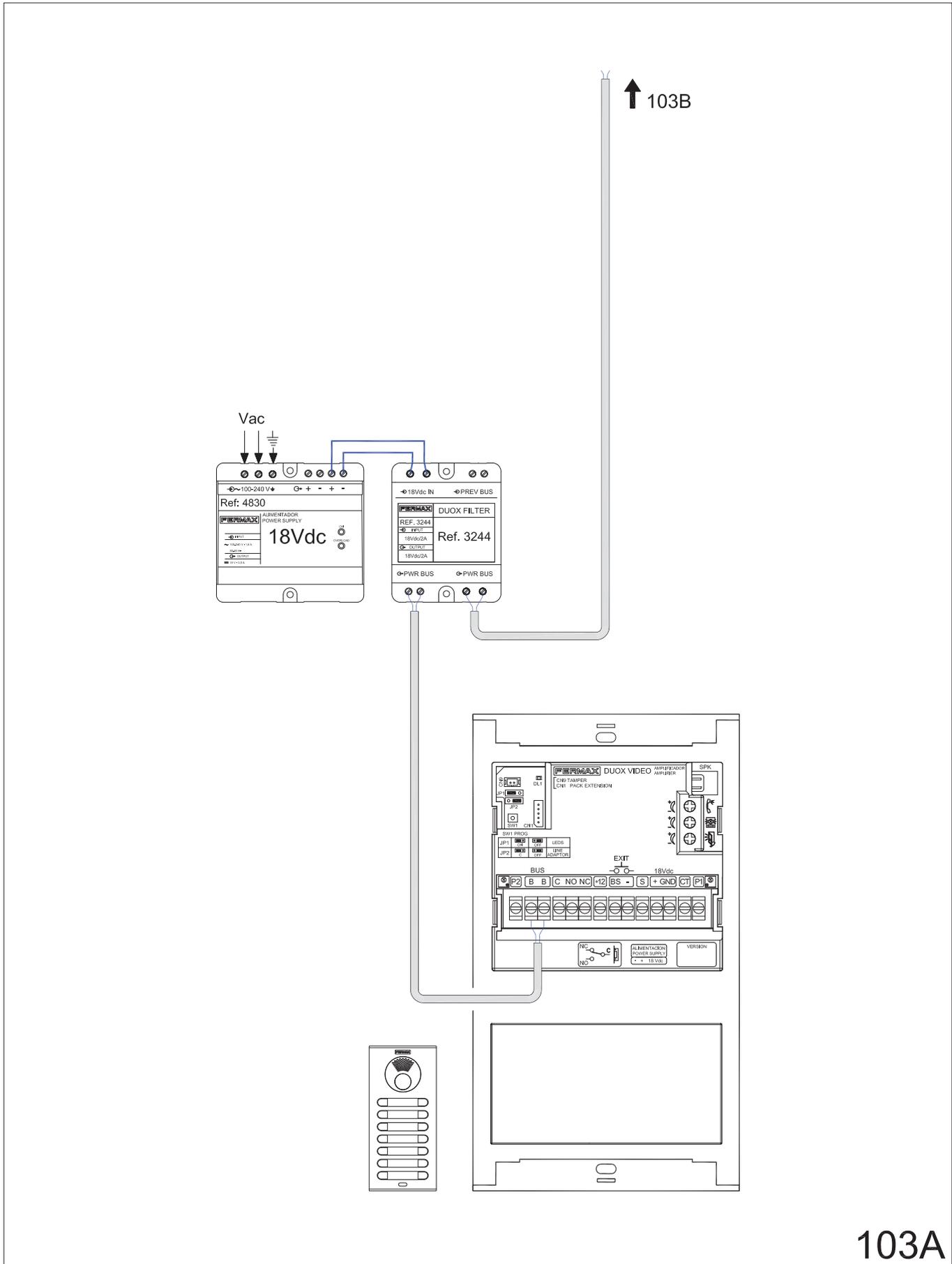
103 - SINGLE-LINE DIAGRAM.



1 video access with 1 riser.

Distribution 4 terminals per floor: up to 20 monitors/telephones.

103A - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply.

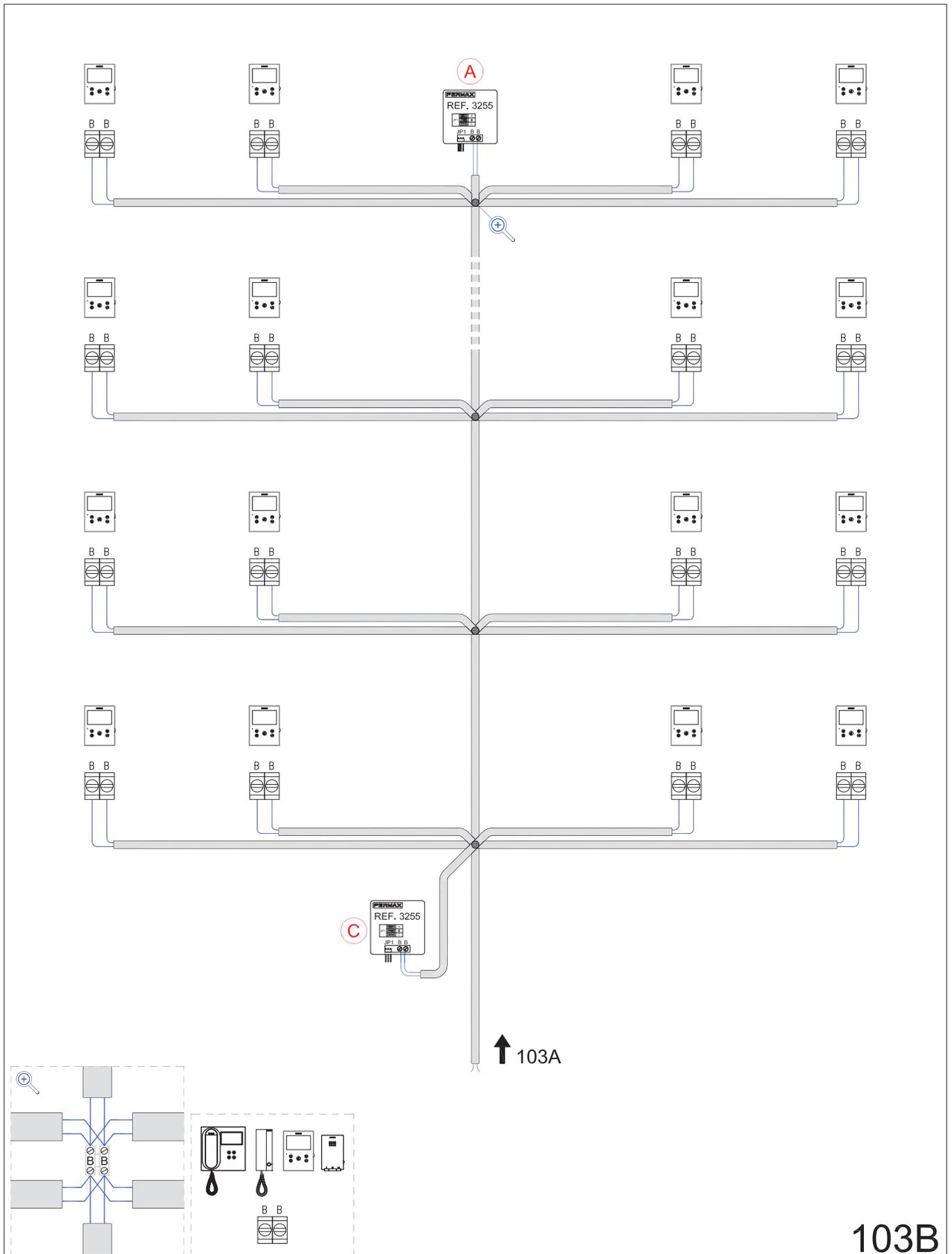


103A

1 video access with 1 riser.

Distribution 4 terminals per floor: up to 20 monitors/telephones.

103B - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).

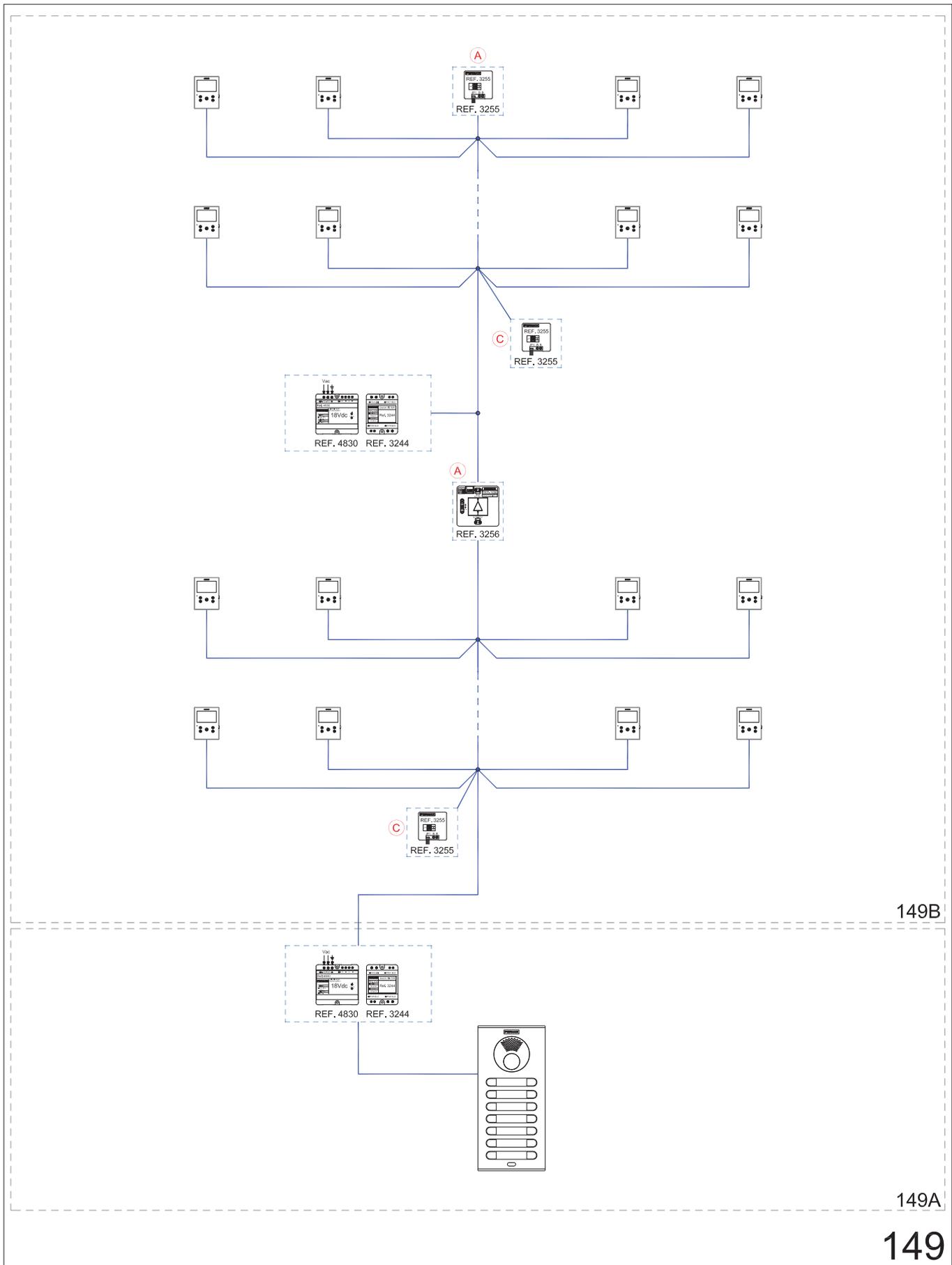


103B

1 video access with 1 riser.

Distribution 4 terminals per floor: up to 60 monitors/telephones.

149 - SINGLE-LINE DIAGRAM.



149B

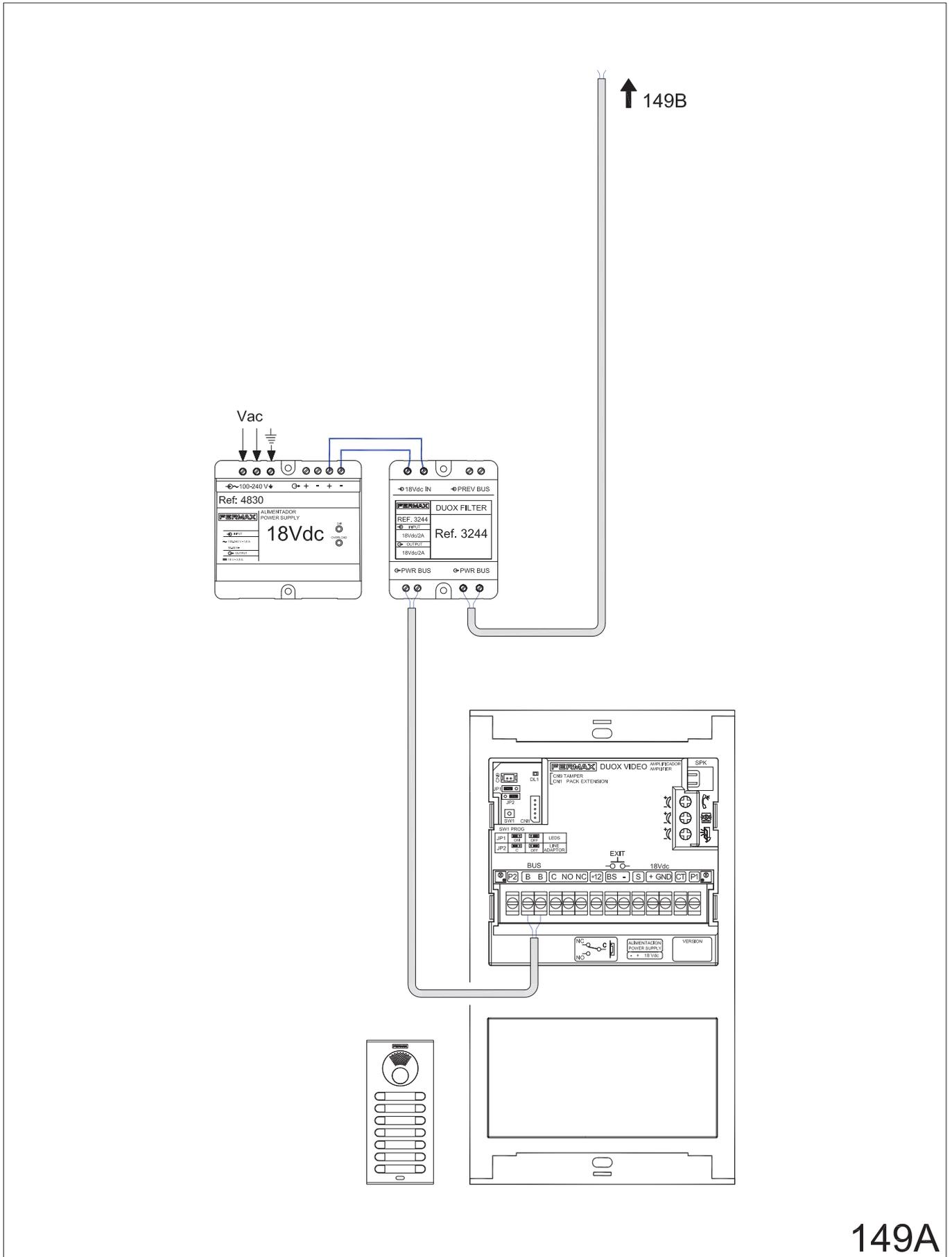
149A

149

1 video access with 1 riser.

Distribution 4 terminals per floor: up to 60 monitors/telephones.

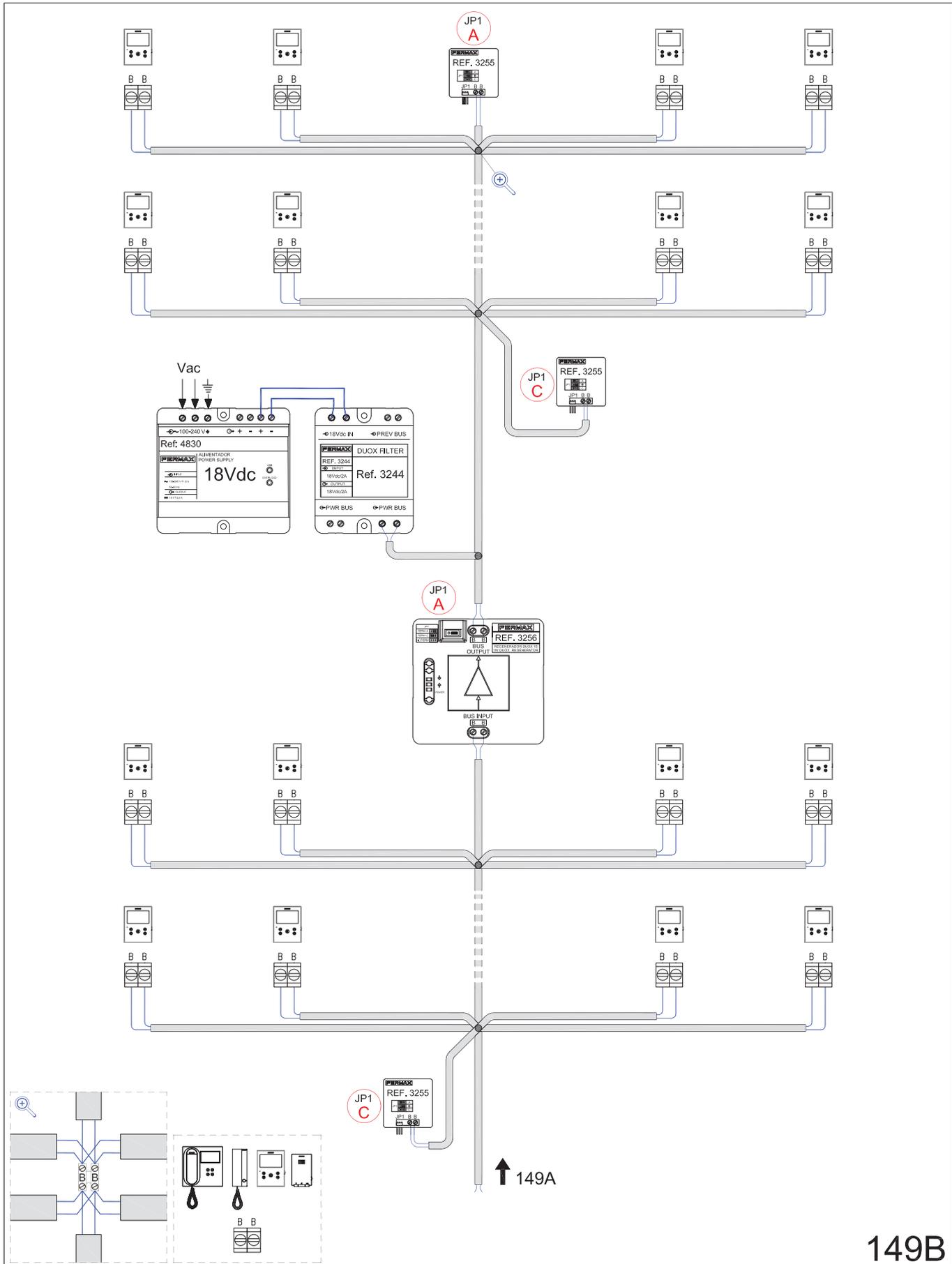
149A - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply.



1 video access with 1 riser.

Distribution 4 terminals per floor: up to 60 monitors/telephones.

149B - WIRING DIAGRAM. Connection detail: Floors (1S regenerator - Power supply set - Terminals - Line adapters).

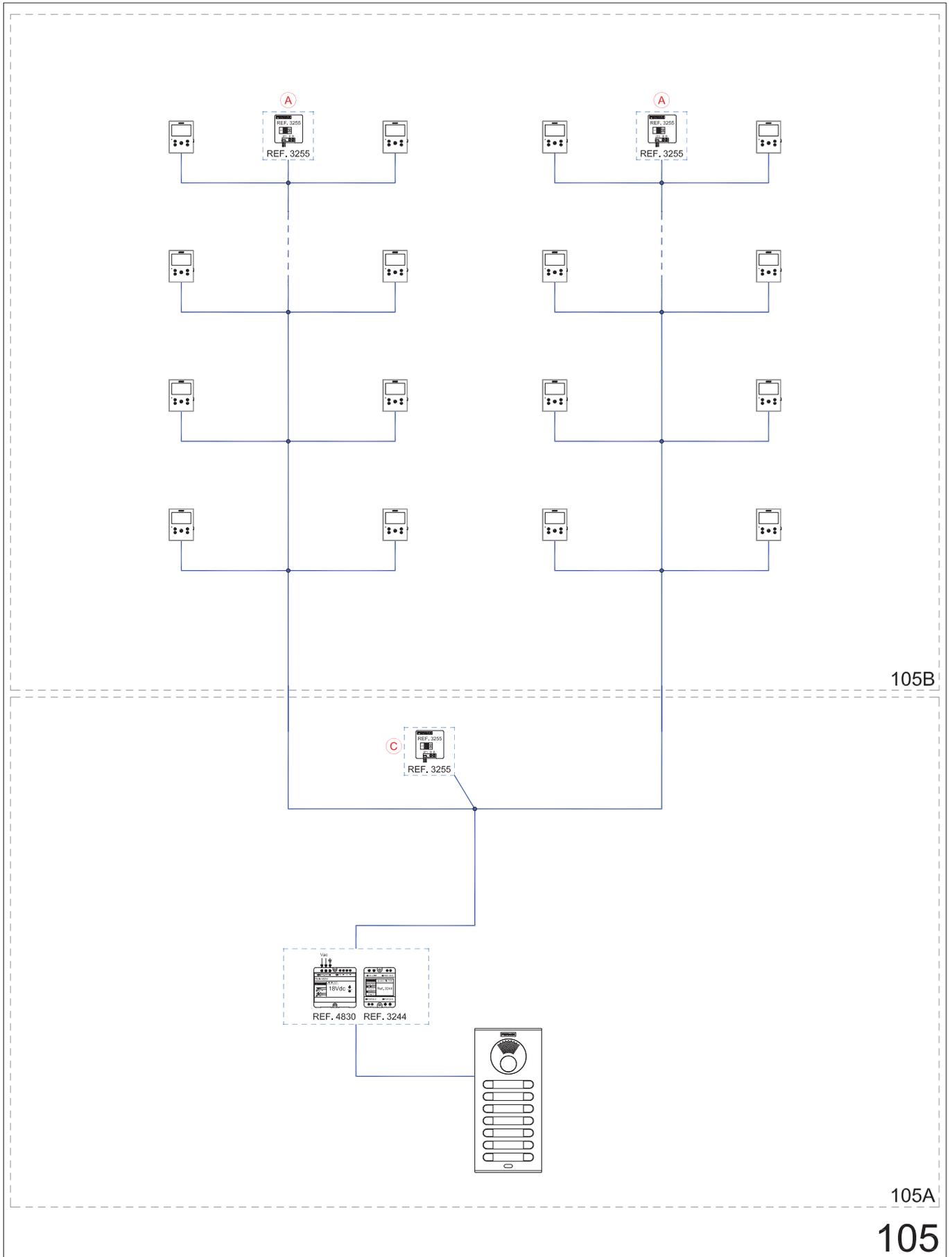


149B

1 video access with 2 risers.

Distribution 2 terminals per floor: up to 20 monitors/telephones.

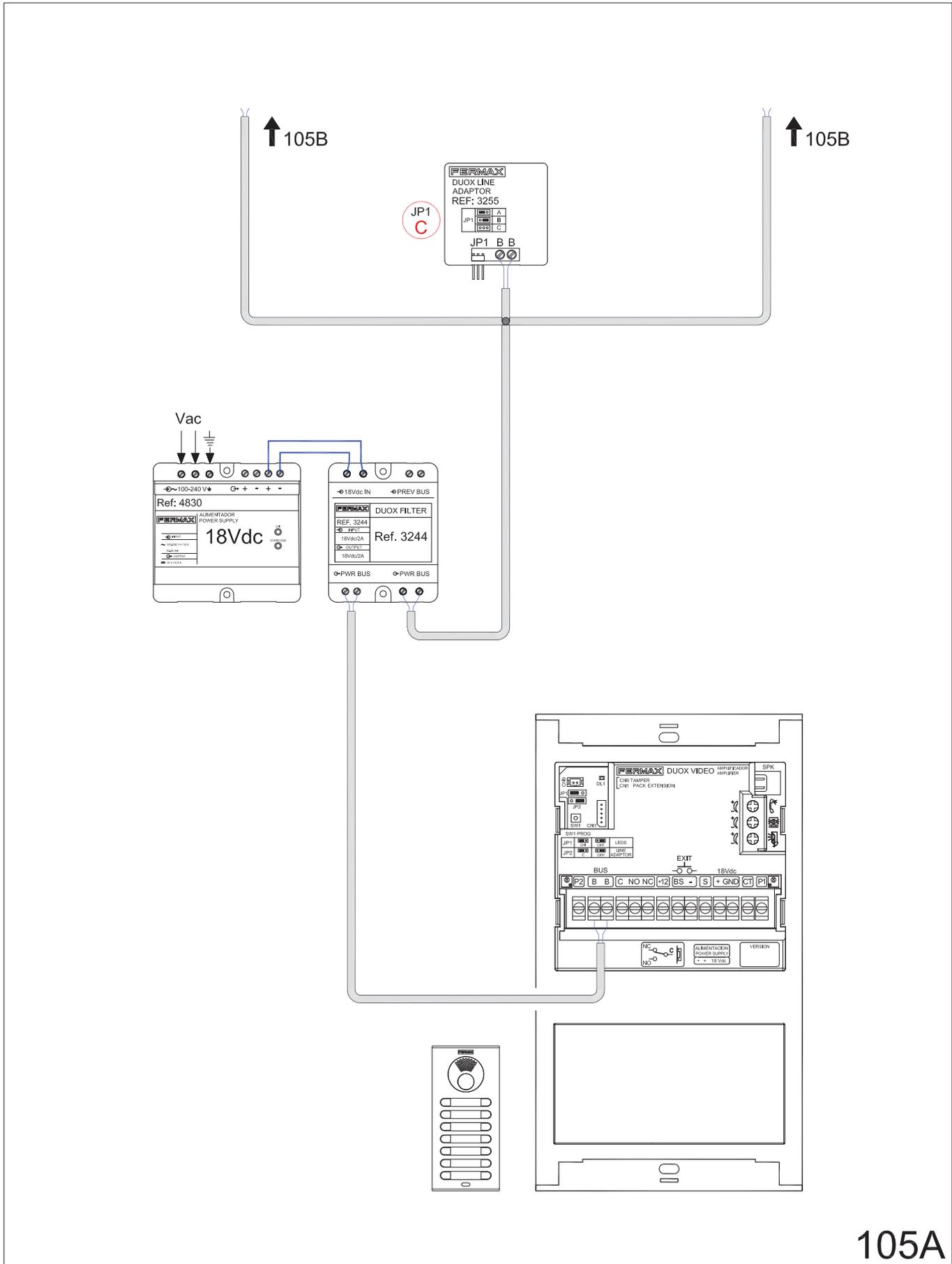
105 - SINGLE-LINE DIAGRAM.



1 video access with 2 risers.

Distribution 2 terminals per floor: up to 20 monitors/telephones.

105A - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set - Line adapter.

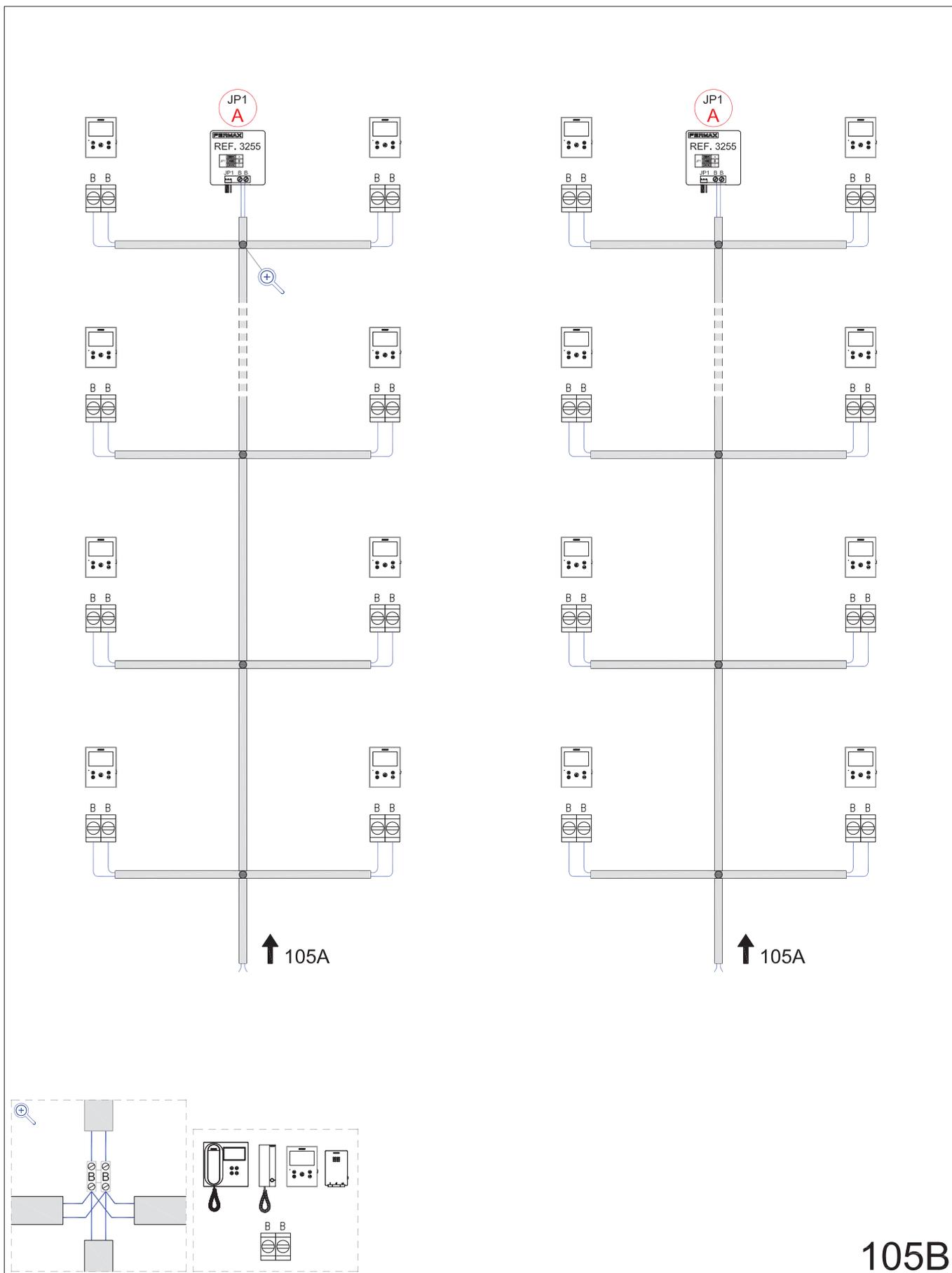


105A

1 video access with 2 risers.

Distribution 2 terminals per floor: up to 20 monitors/telephones.

105B - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).

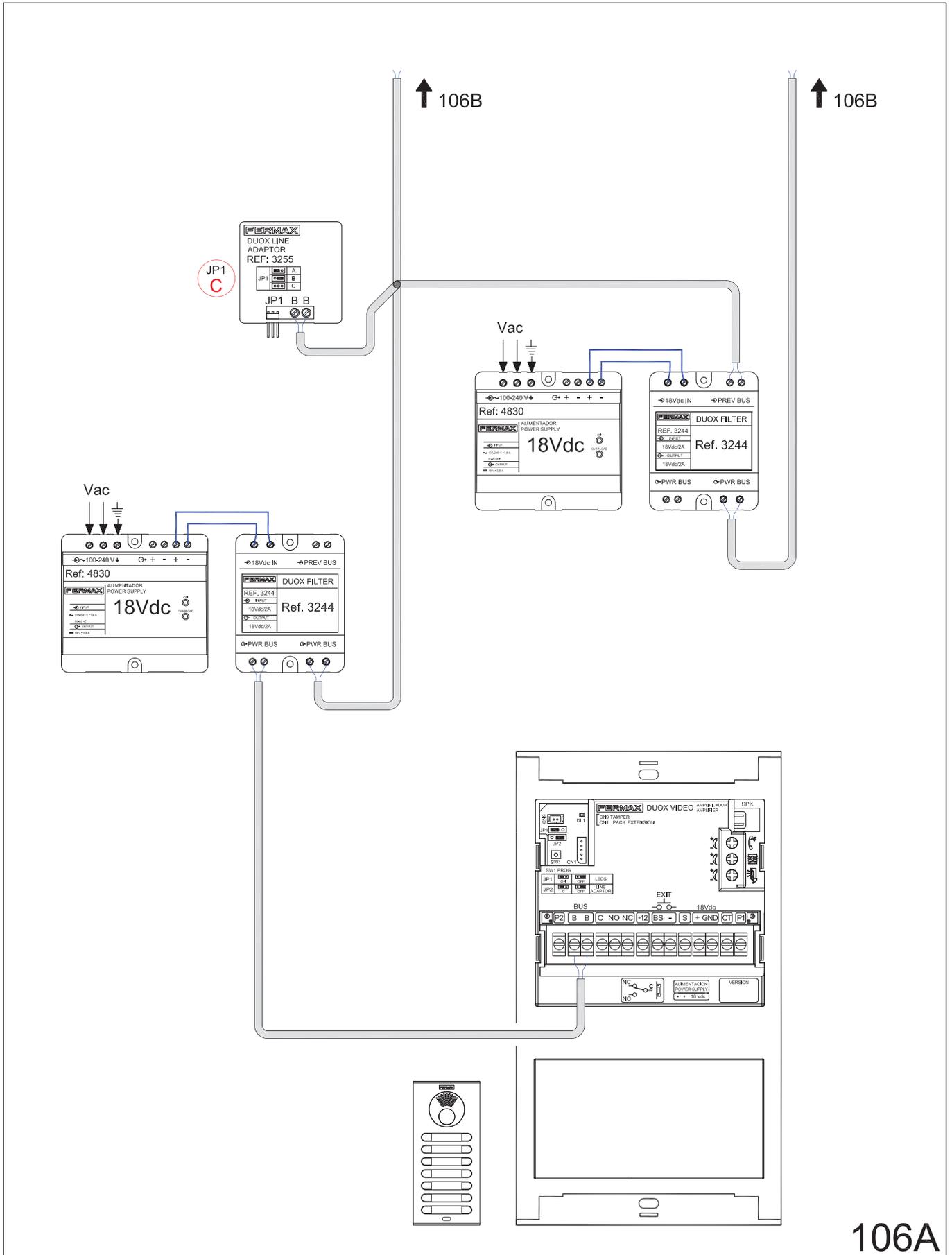


105B

1 video access with 2 risers.

Distribution 2 terminals per floor: up to 20 monitors/telephones, (2 terminals per apartment).

106A - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply sets - Line adapter.

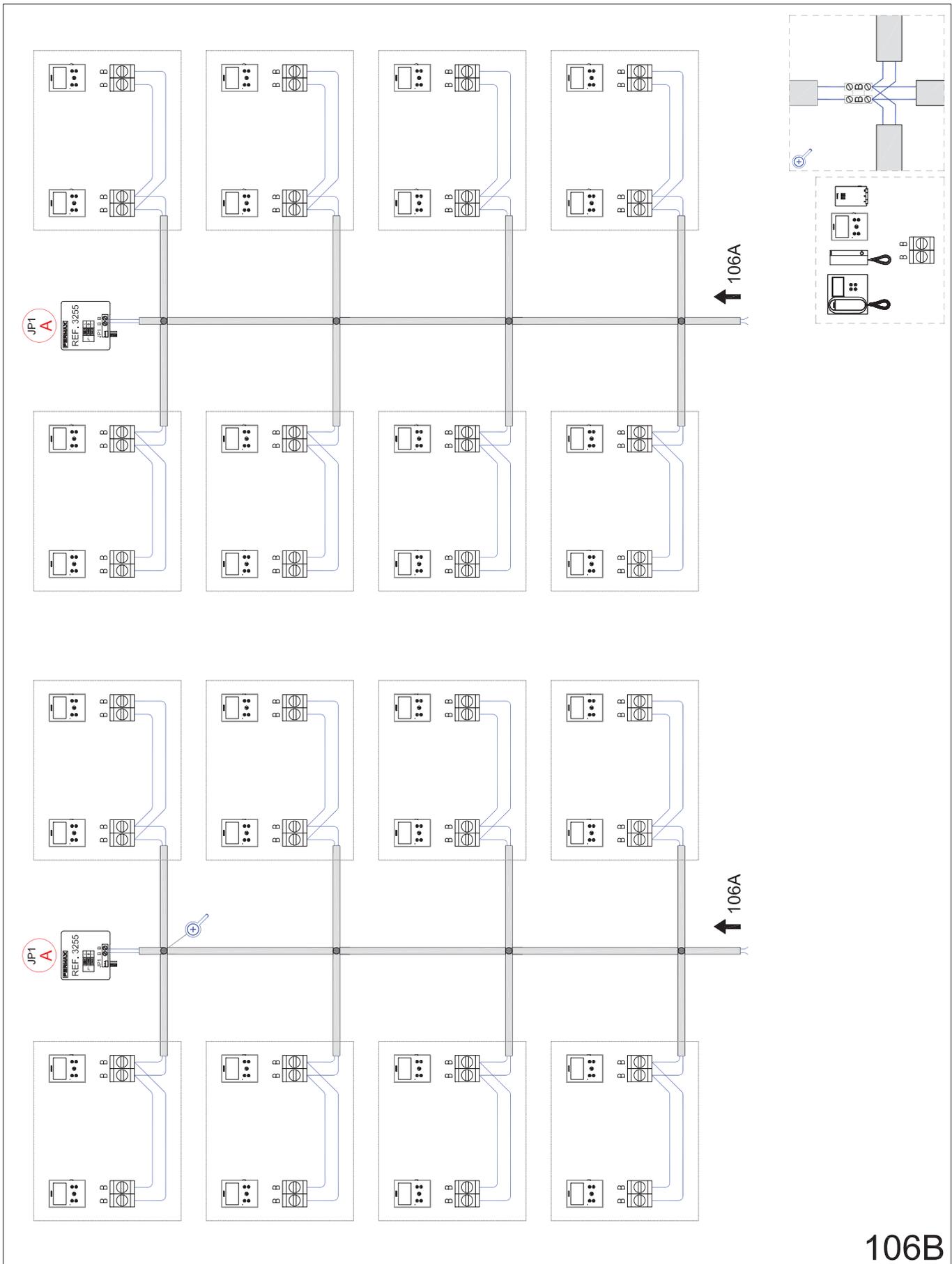


106A

1 video access with 2 risers.

Distribution 2 terminals per floor: up to 20 monitors/telephones, (2 terminals per apartment).

106B - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).

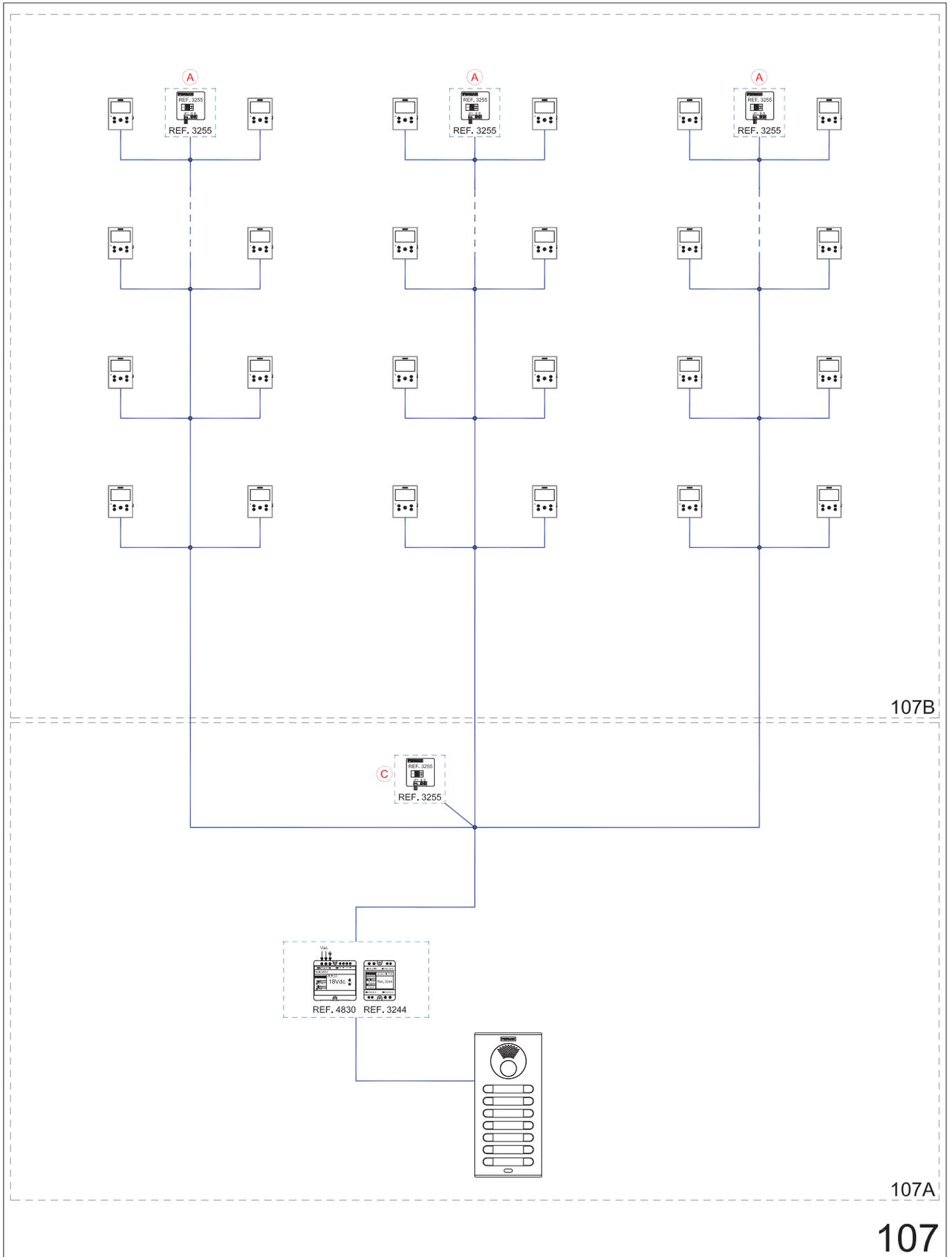


106B

1 video access with 3 risers.

Distribution 2 terminals per floor: up to 30 monitors/telephones.

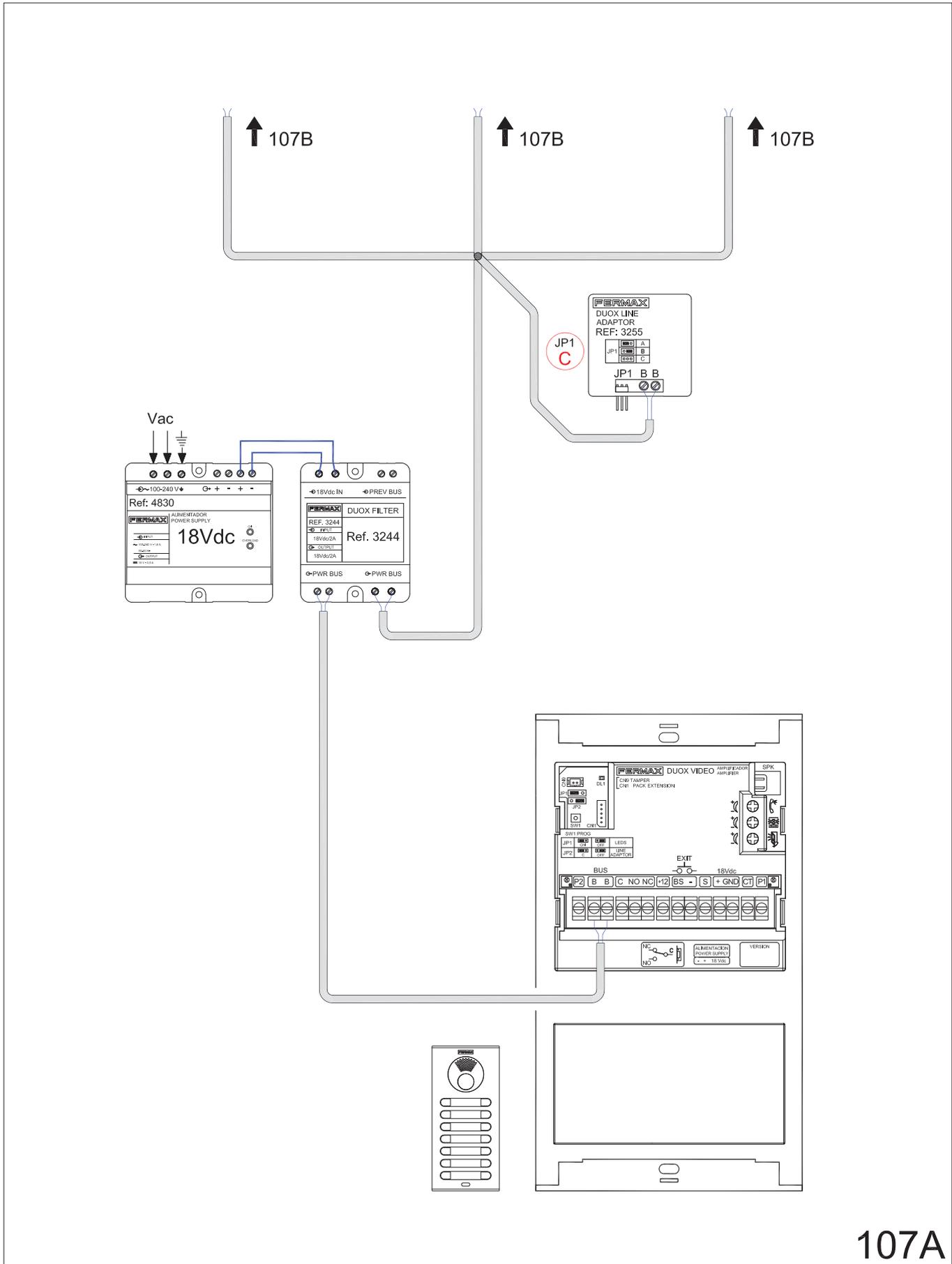
107 - SINGLE-LINE DIAGRAM.



1 video access with 3 risers.

Distribution 2 terminals per floor: up to 30 monitors/telephones.

107A - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set - Line adapter.

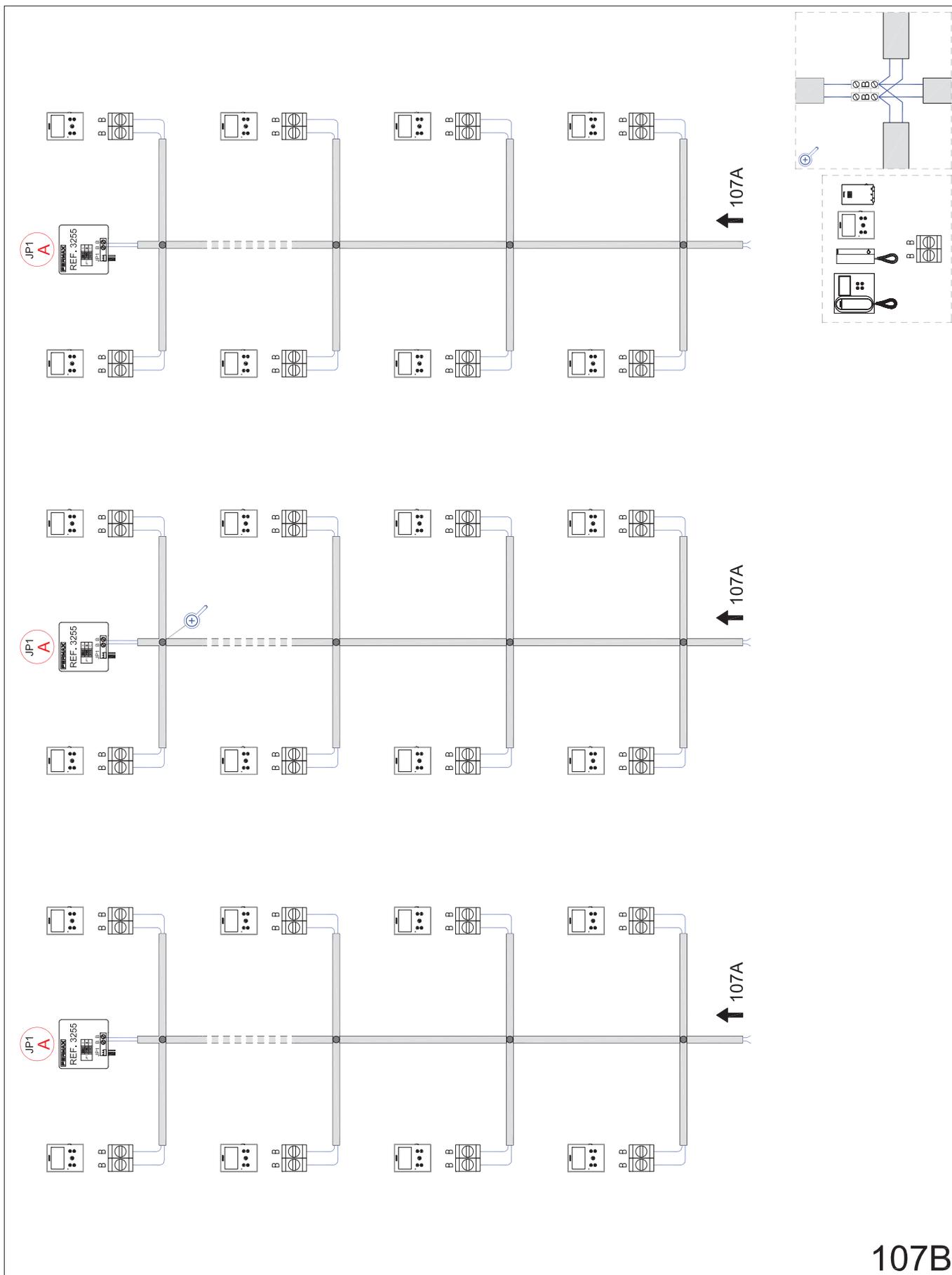


107A

1 video access with 3 risers.

Distribution 2 terminals per floor: up to 30 monitors/telephones.

107B - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).

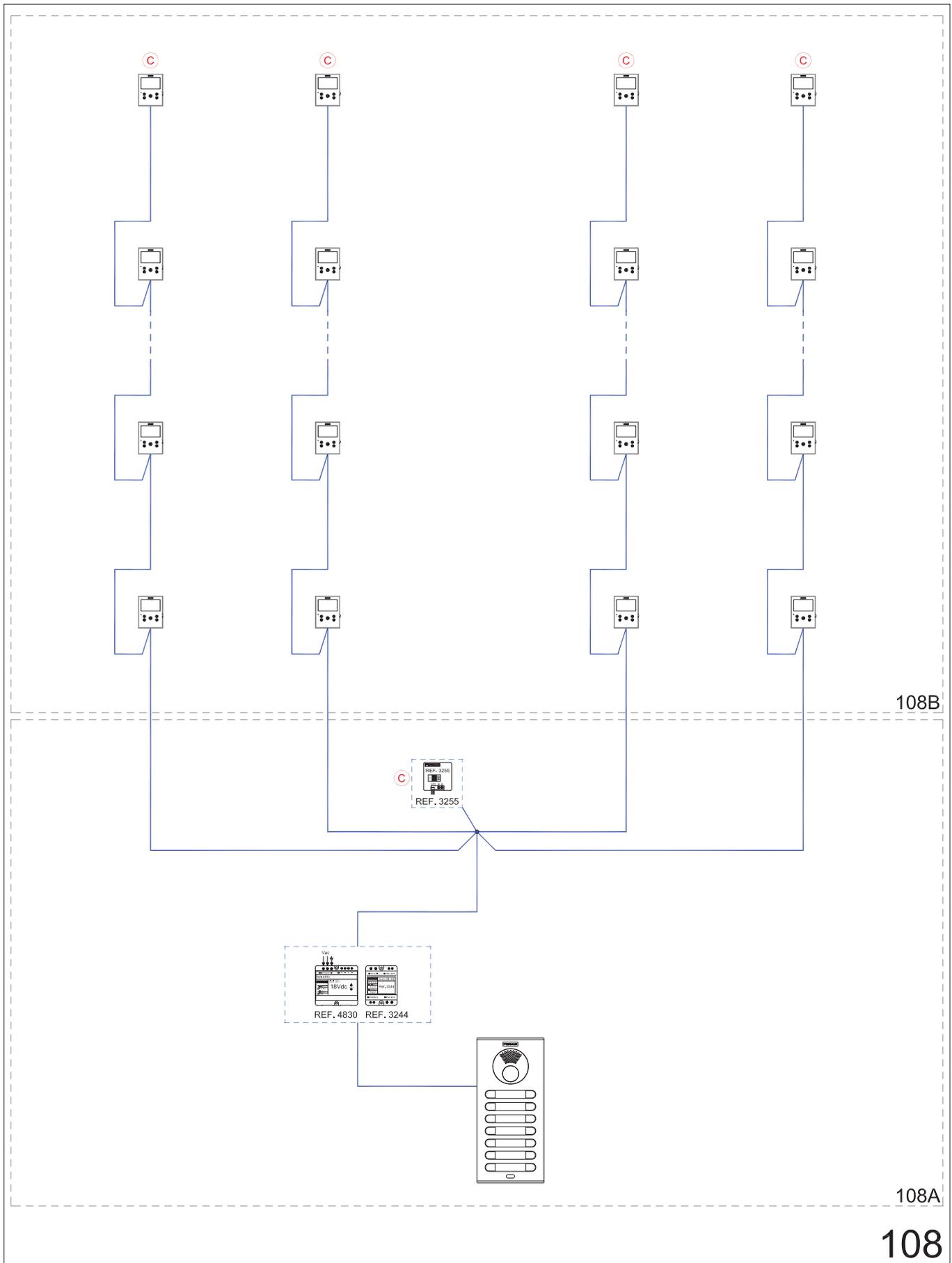


107B

1 video access with 4 risers.

Cascade: up to 24 monitors/telephones.

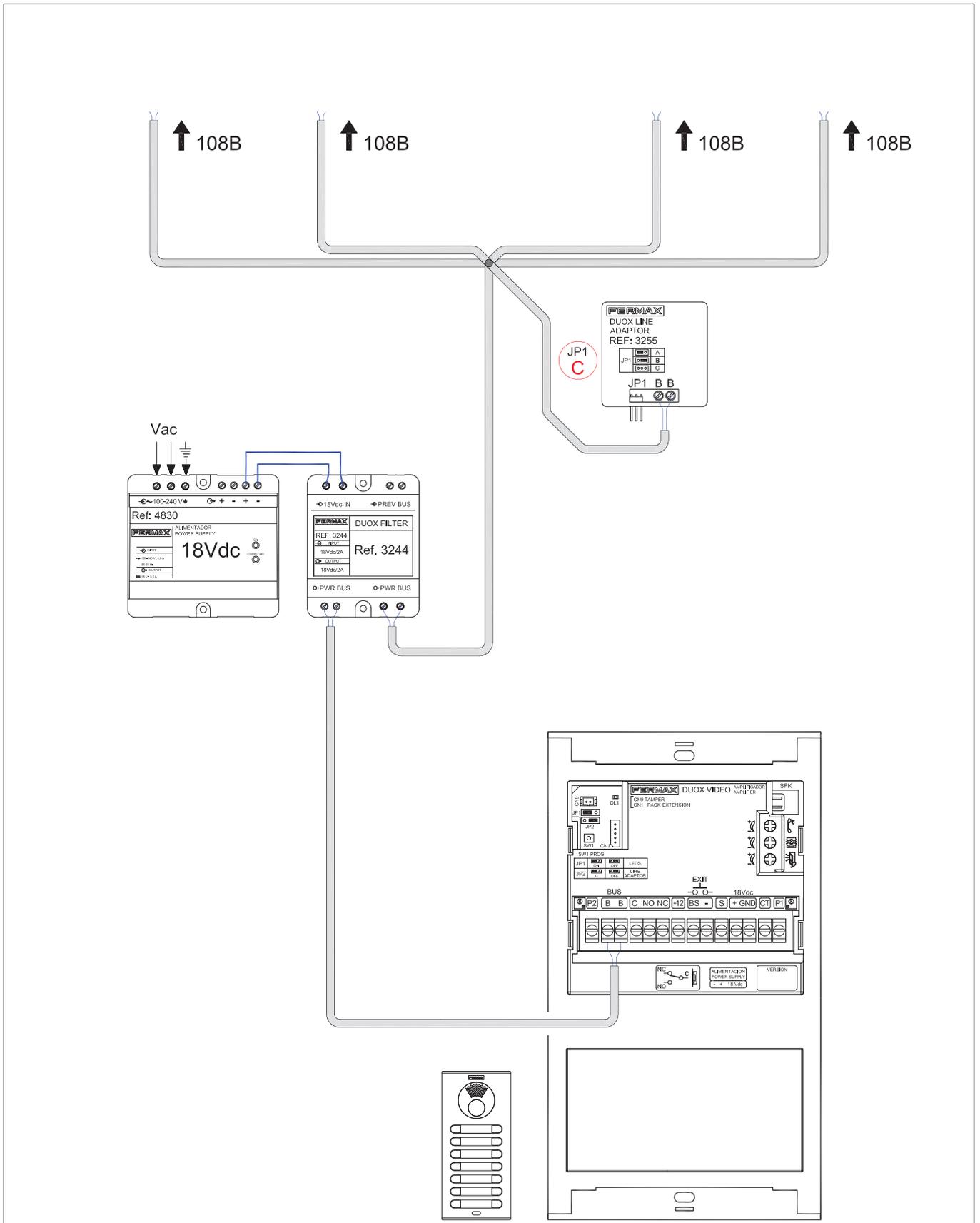
108 - SINGLE-LINE DIAGRAM.



1 video access with 4 risers.

Cascade: up to 24 monitors/telephones.

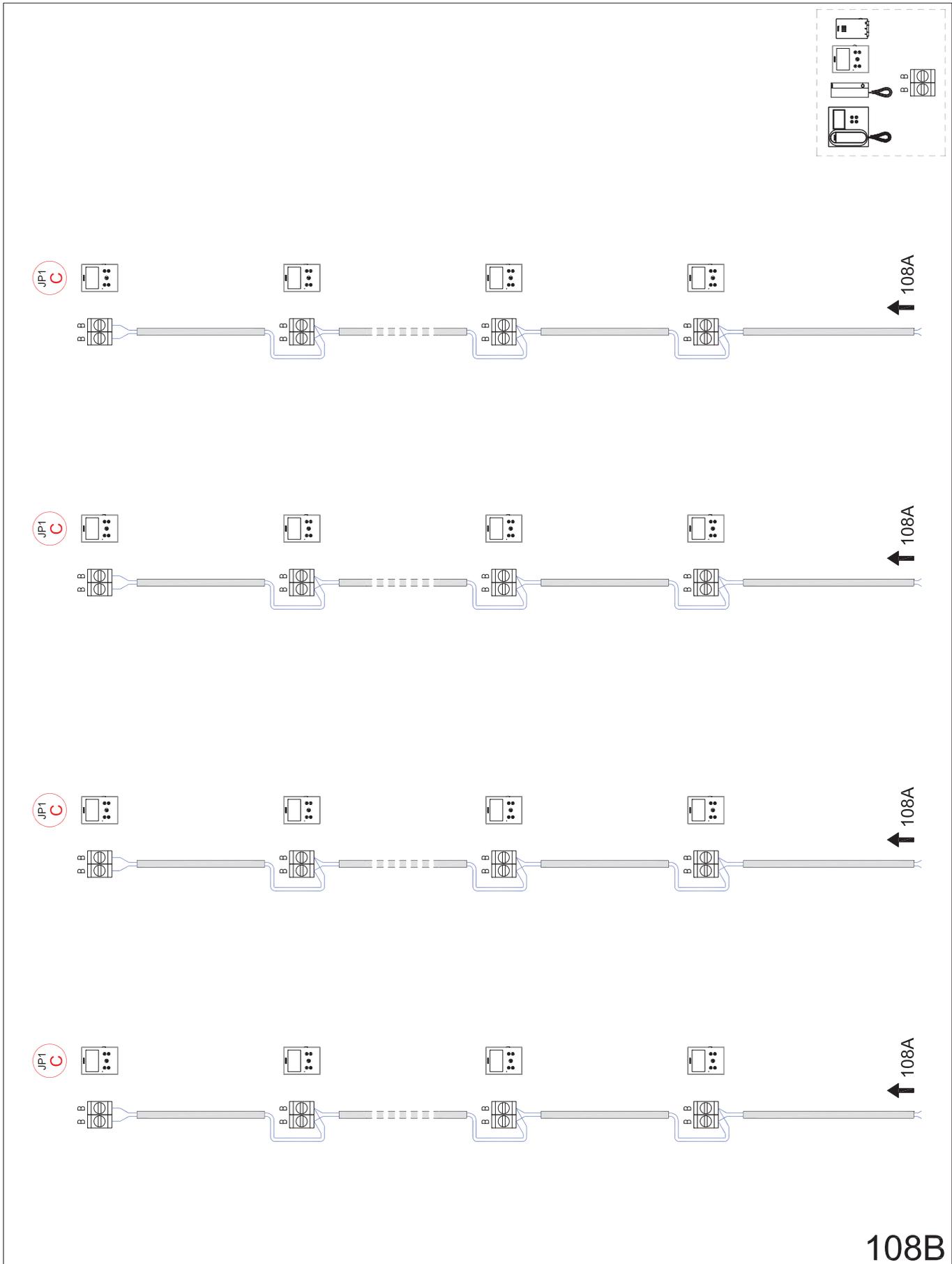
108A - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set - Line adapter.



1 video access with 4 risers.

Cascade: up to 24 monitors/telephones.

108B - WIRING DIAGRAM. Connection detail: Floors (Terminals).

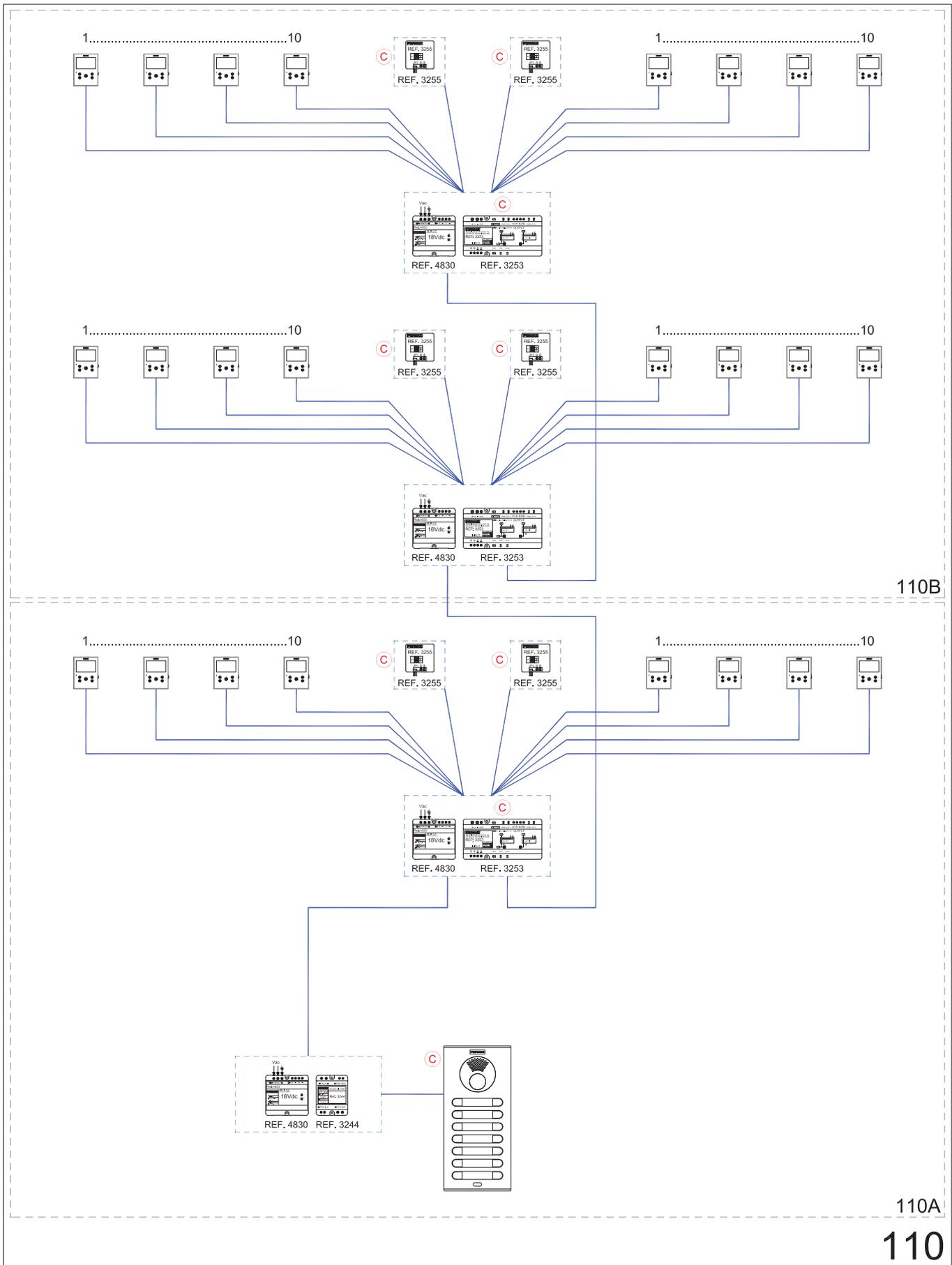


108B

1 video access with 1 riser.

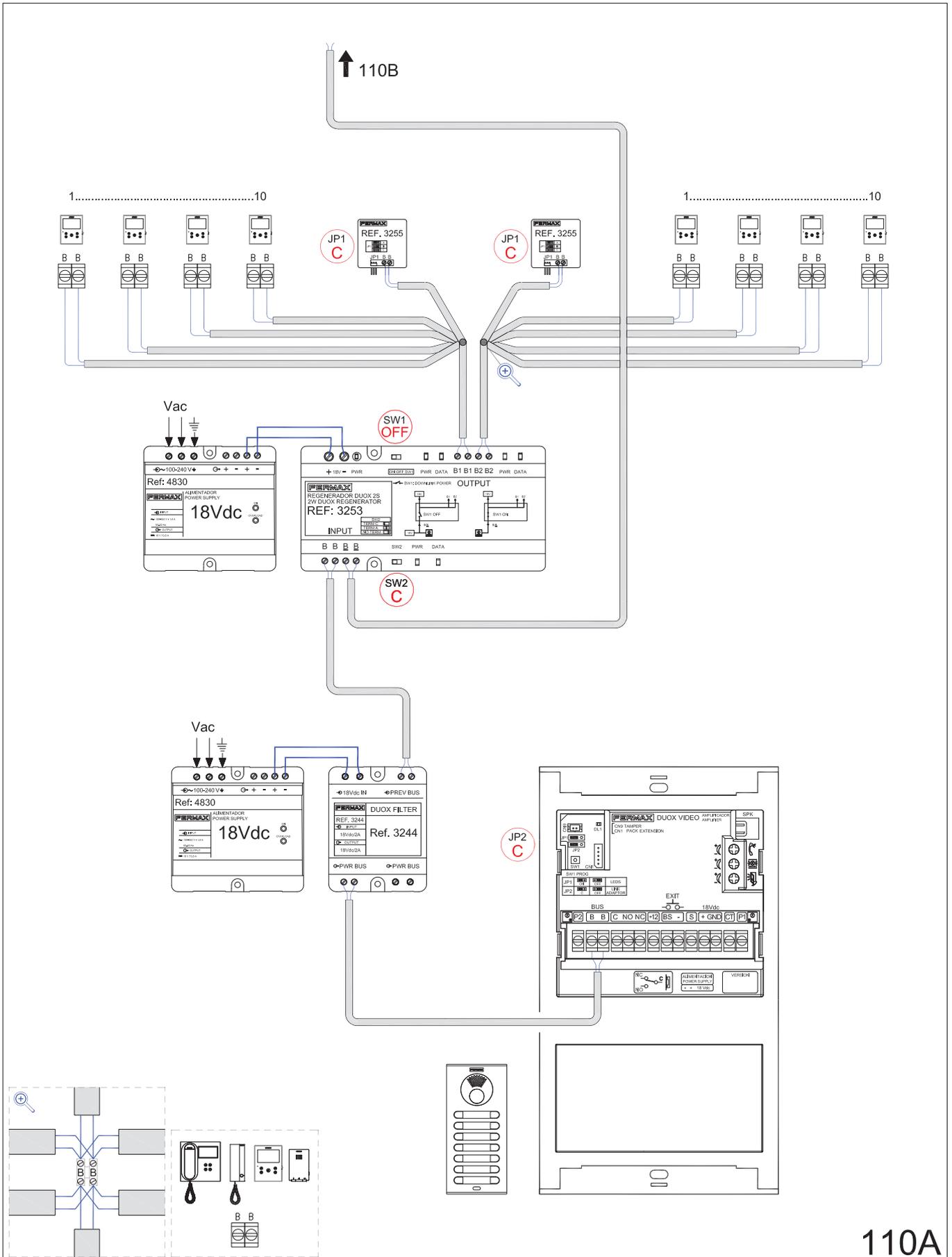
Star: 20 branches per floor.

110 - SINGLE-LINE DIAGRAM.



1 video access with 1 riser.
 Star: 20 branches per floor.

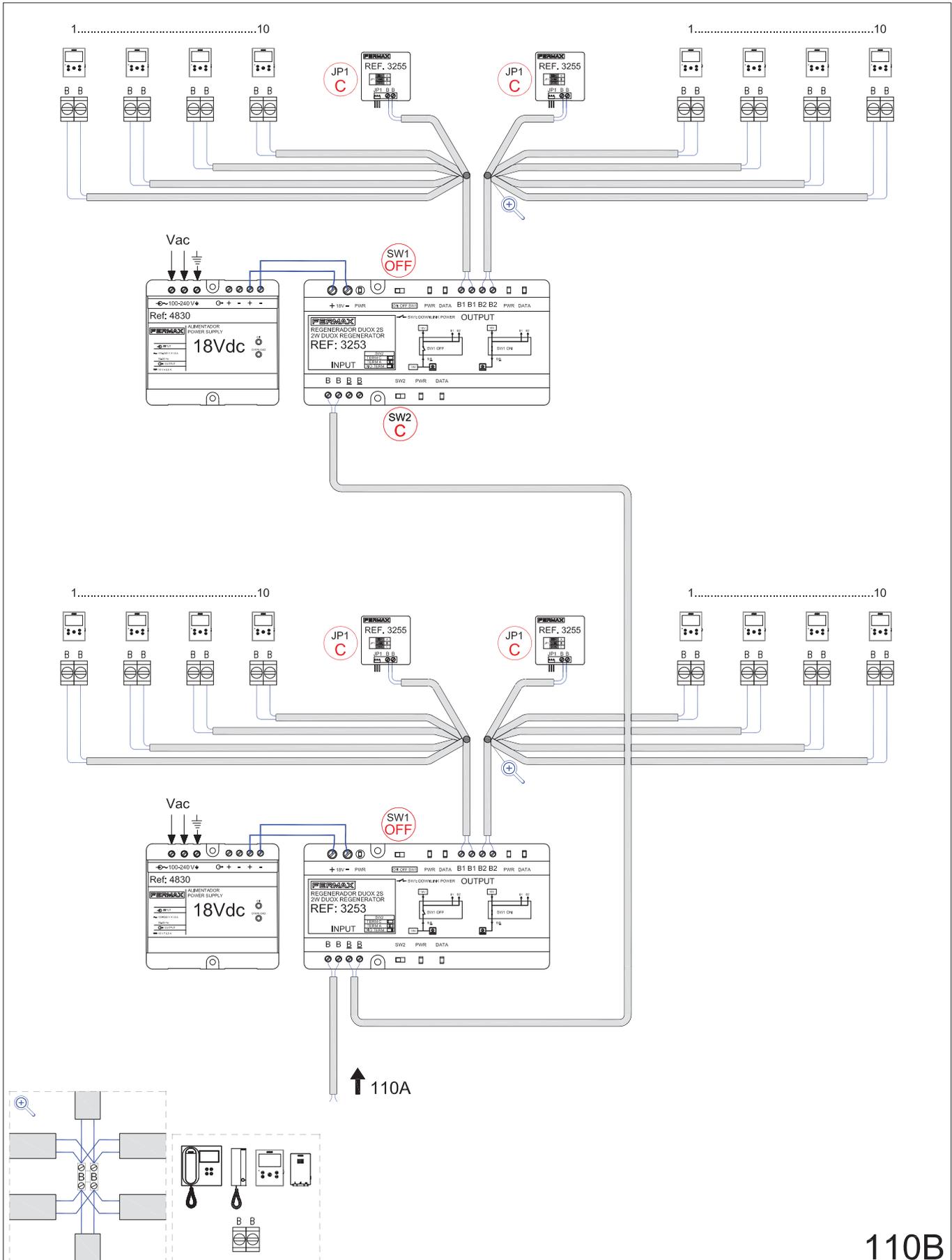
110A - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set - First floor (2S regenerator+Power supply - Terminals - Line adapters).



110A

1 video access with 1 riser.
 Star: 20 branches per floor.

110B - WIRING DIAGRAM. Connection detail: Floors (2S regenerator+Power supply - Terminals - Line adapters).

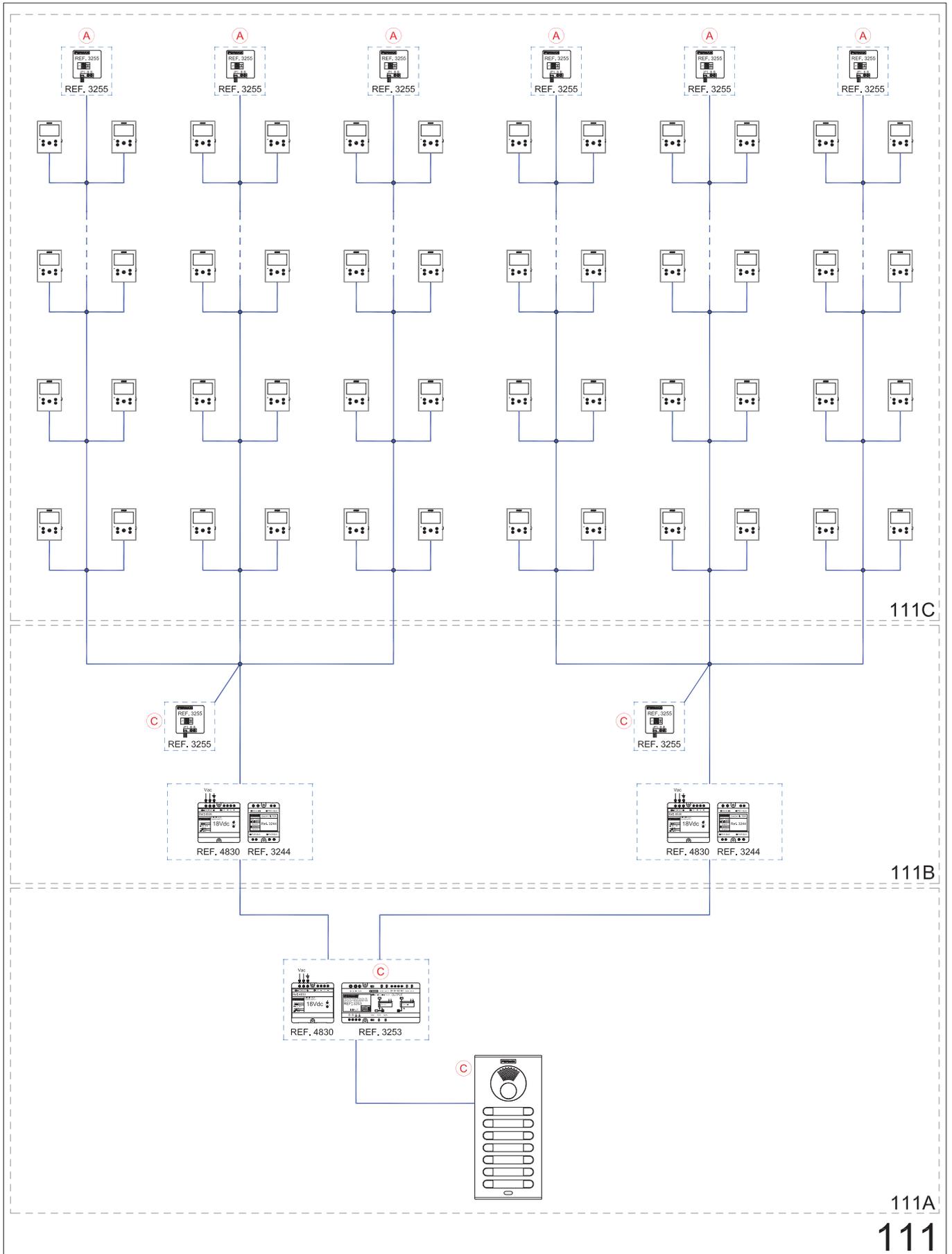


110B

1 video access with 6 risers.

Distribution 2 terminals per floor: up to 60 monitors/telephones.

111 - SINGLE-LINE DIAGRAM.

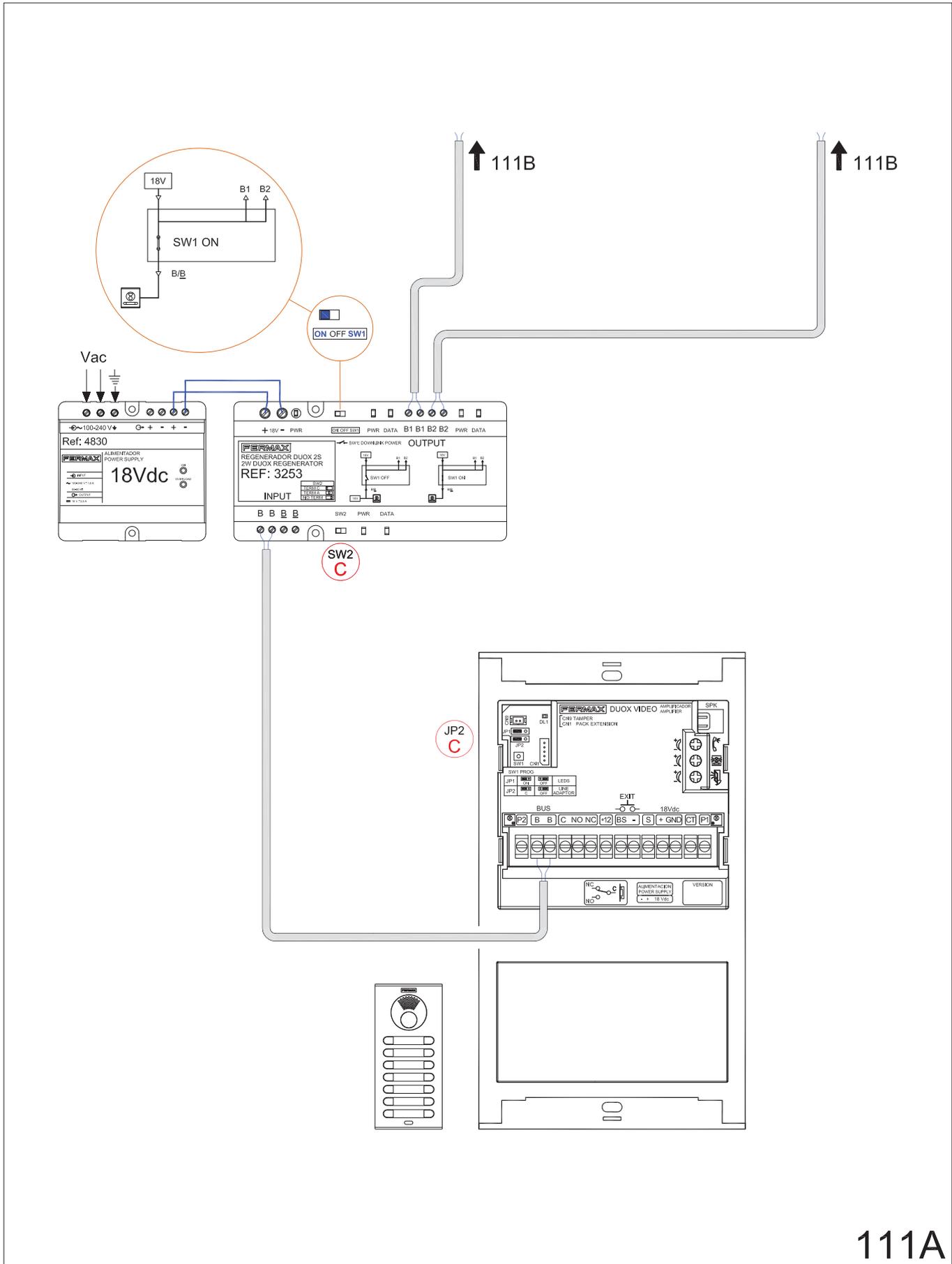


111A
111

1 video access with 6 risers.

Distribution 2 terminals per floor: up to 60 monitors/telephones.

111A - WIRING DIAGRAM. Connection detail: Outdoor panel - 2S regenerator+Power supply.

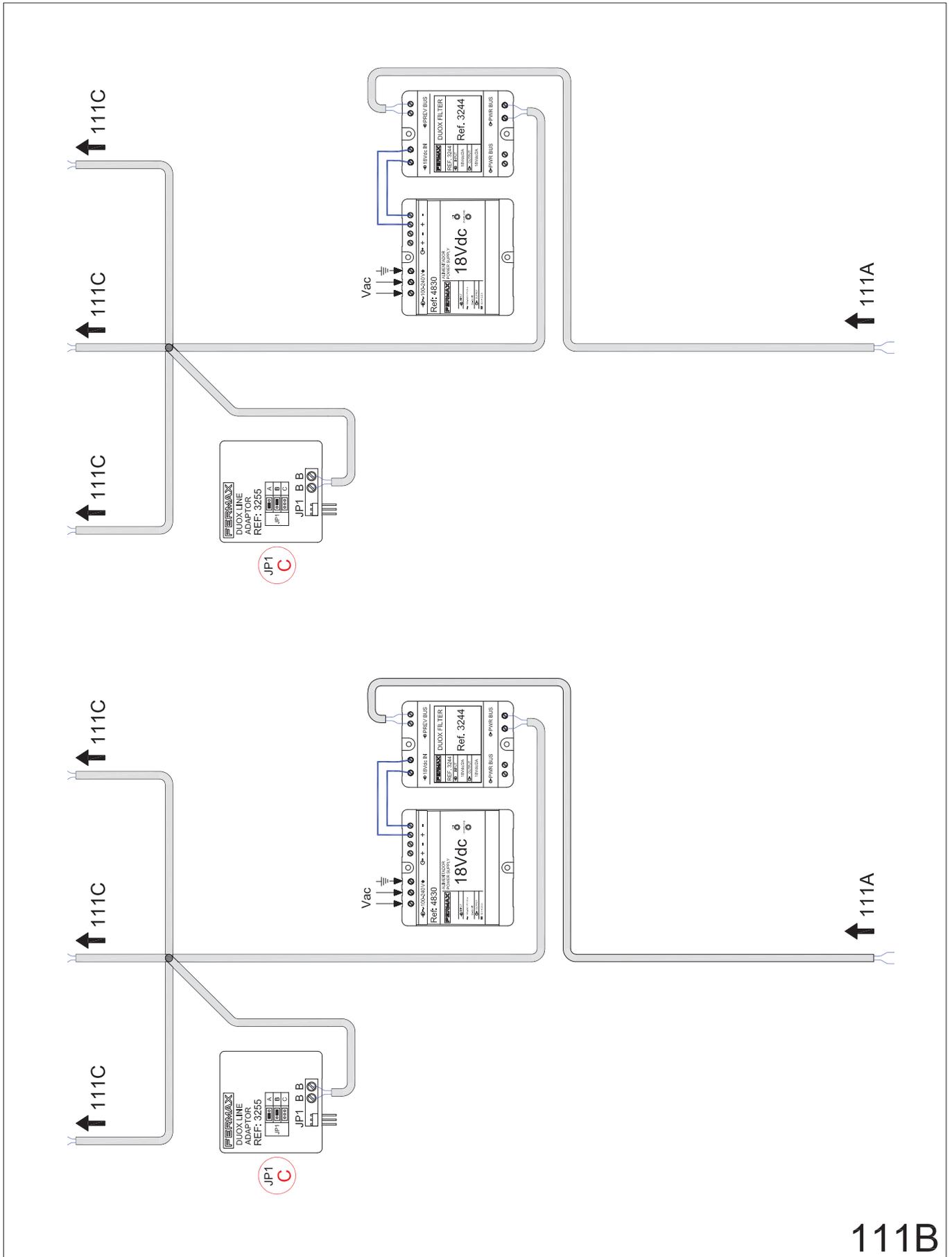


111A

1 video access with 6 risers.

Distribution 2 terminals per floor: up to 60 monitors/telephones.

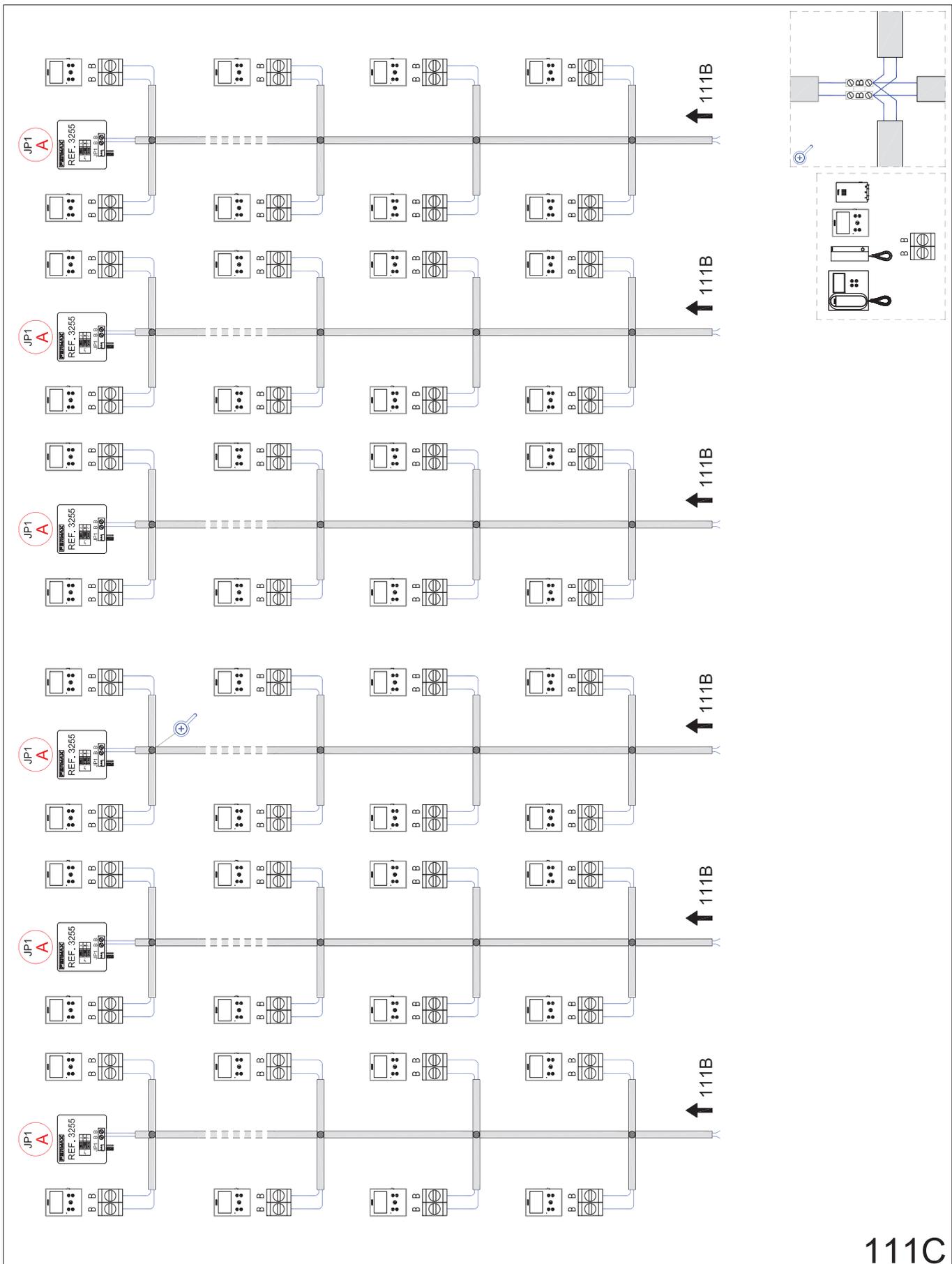
111B - WIRING DIAGRAM. Connection detail: Power supply sets - Line adapters.



1 video access with 6 risers.

Distribution 2 terminals per floor: up to 60 monitors/telephones.

111C - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).

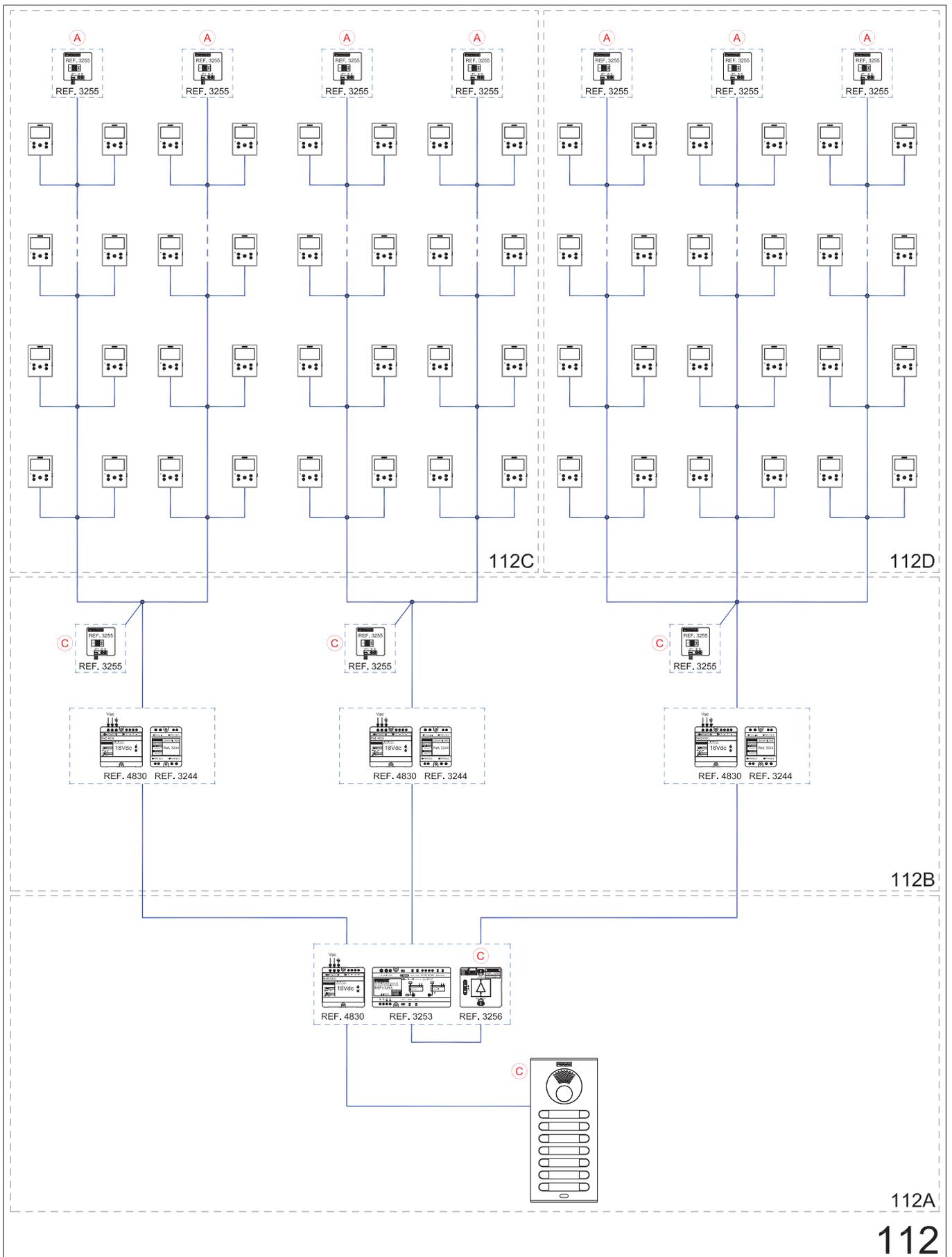


111C

1 video access with 7 risers.

Distribution 2 terminals per floor: up to 70 monitors/telephones.

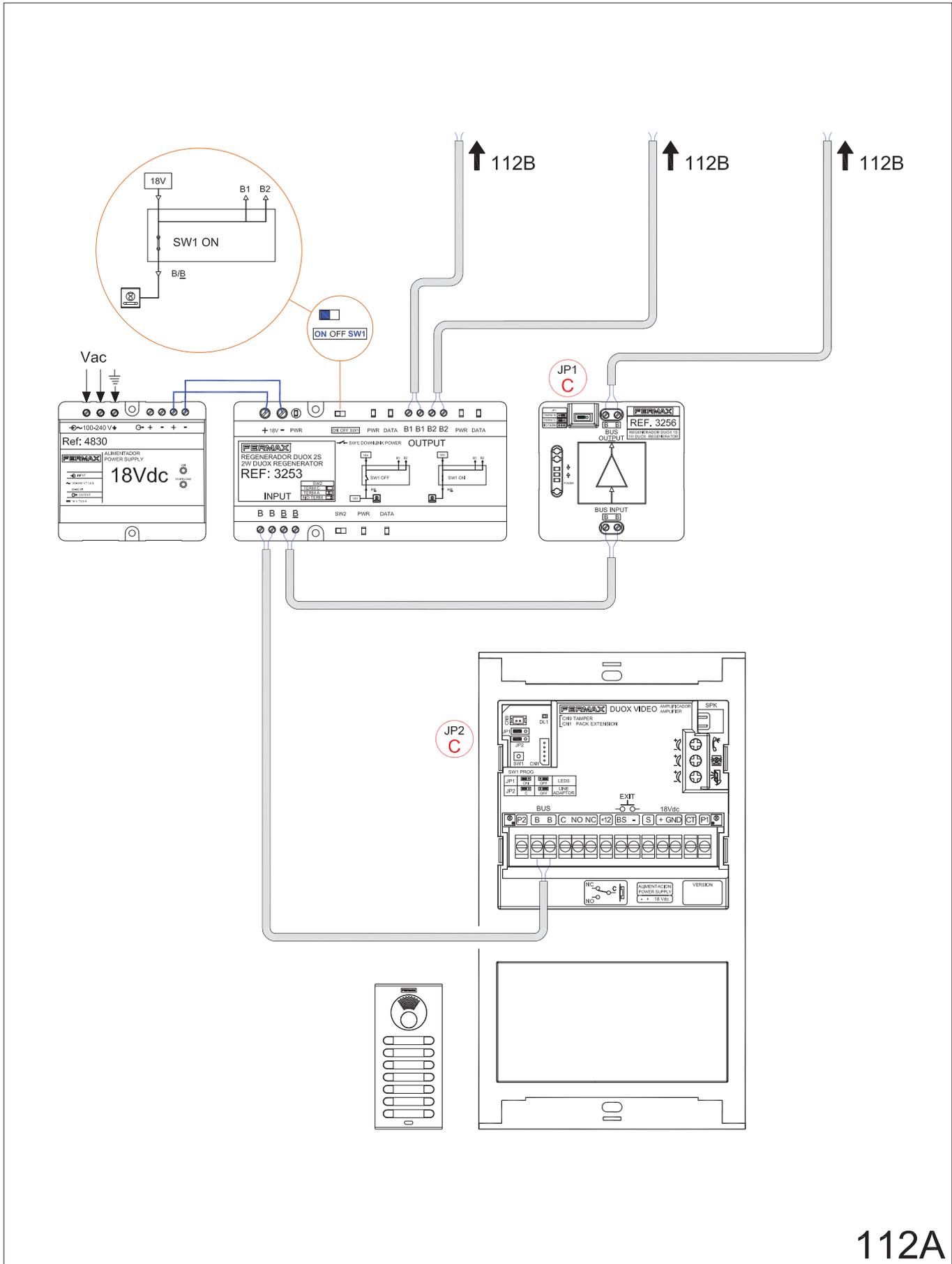
112 - SINGLE-LINE DIAGRAM.



1 video access with 7 risers.

Distribution 2 terminals per floor: up to 70 monitors/telephones.

112A - WIRING DIAGRAM. Connection detail: Outdoor panel - 2S regenerator+Power supply - 1S regenerator.

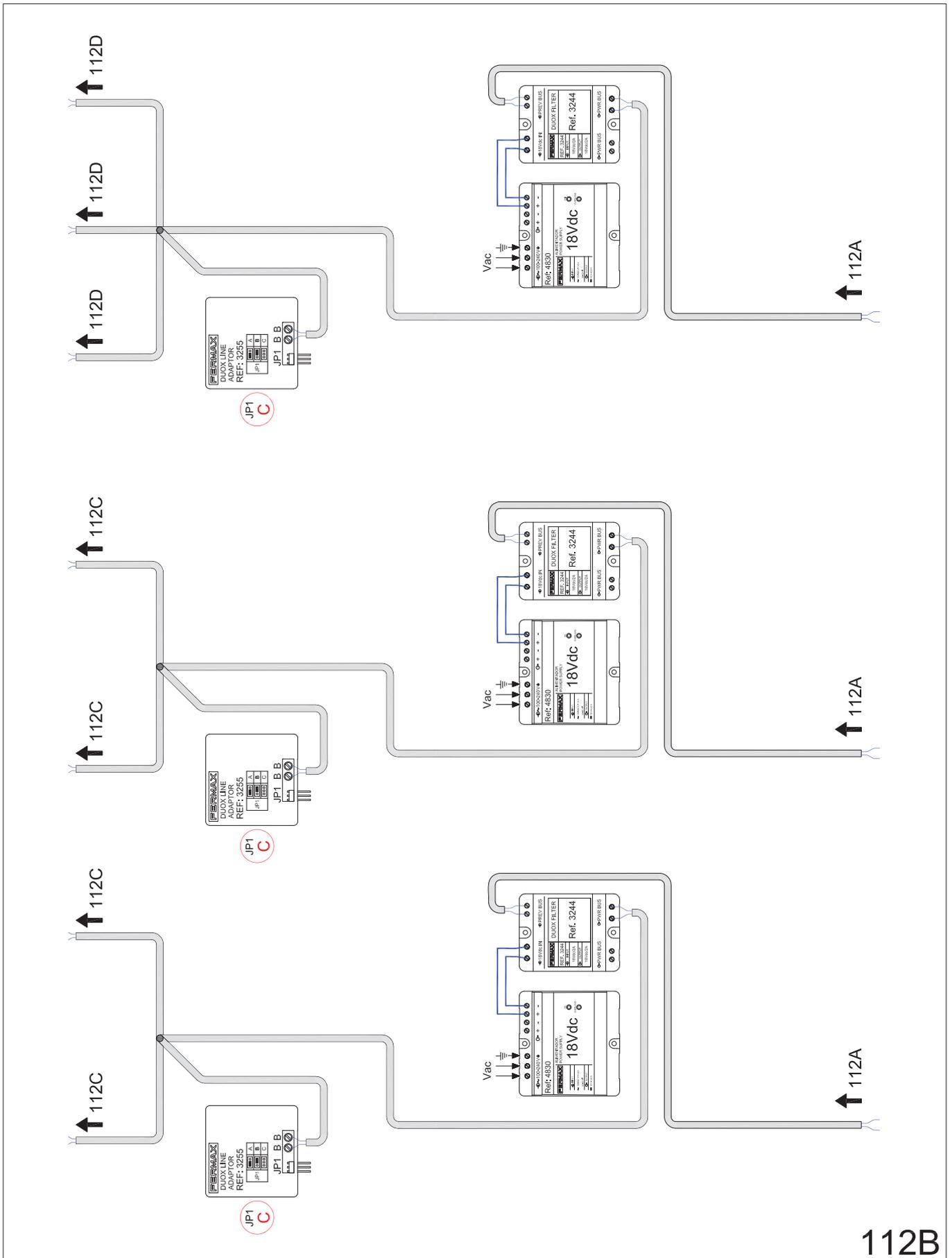


112A

1 video access with 7 risers.

Distribution 2 terminals per floor: up to 70 monitors/telephones.

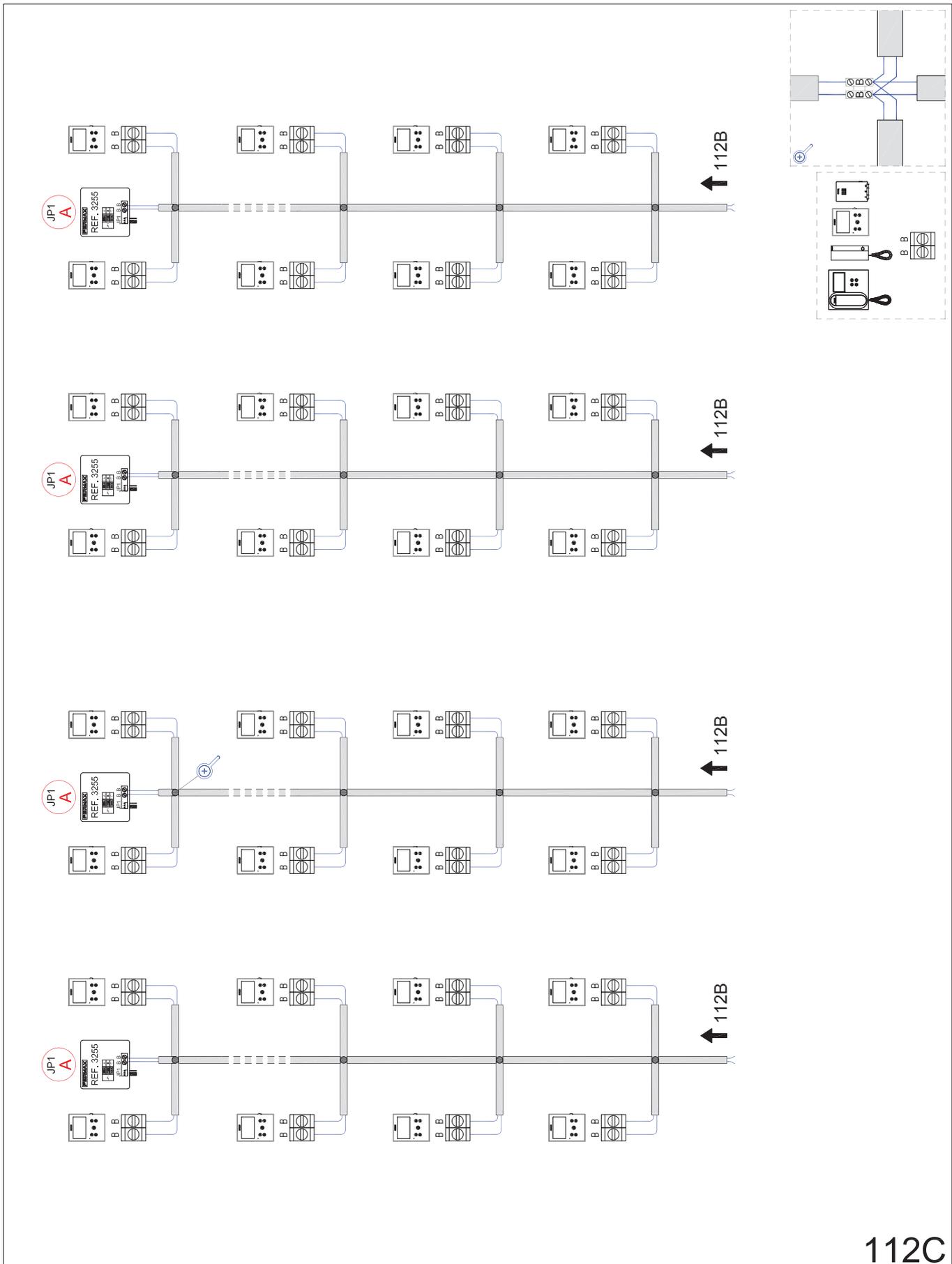
112B - WIRING DIAGRAM. Connection detail: Power supply sets - Line adapters.



1 video access with 7 risers.

Distribution 2 terminals per floor: up to 70 monitors/telephones.

112C - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).

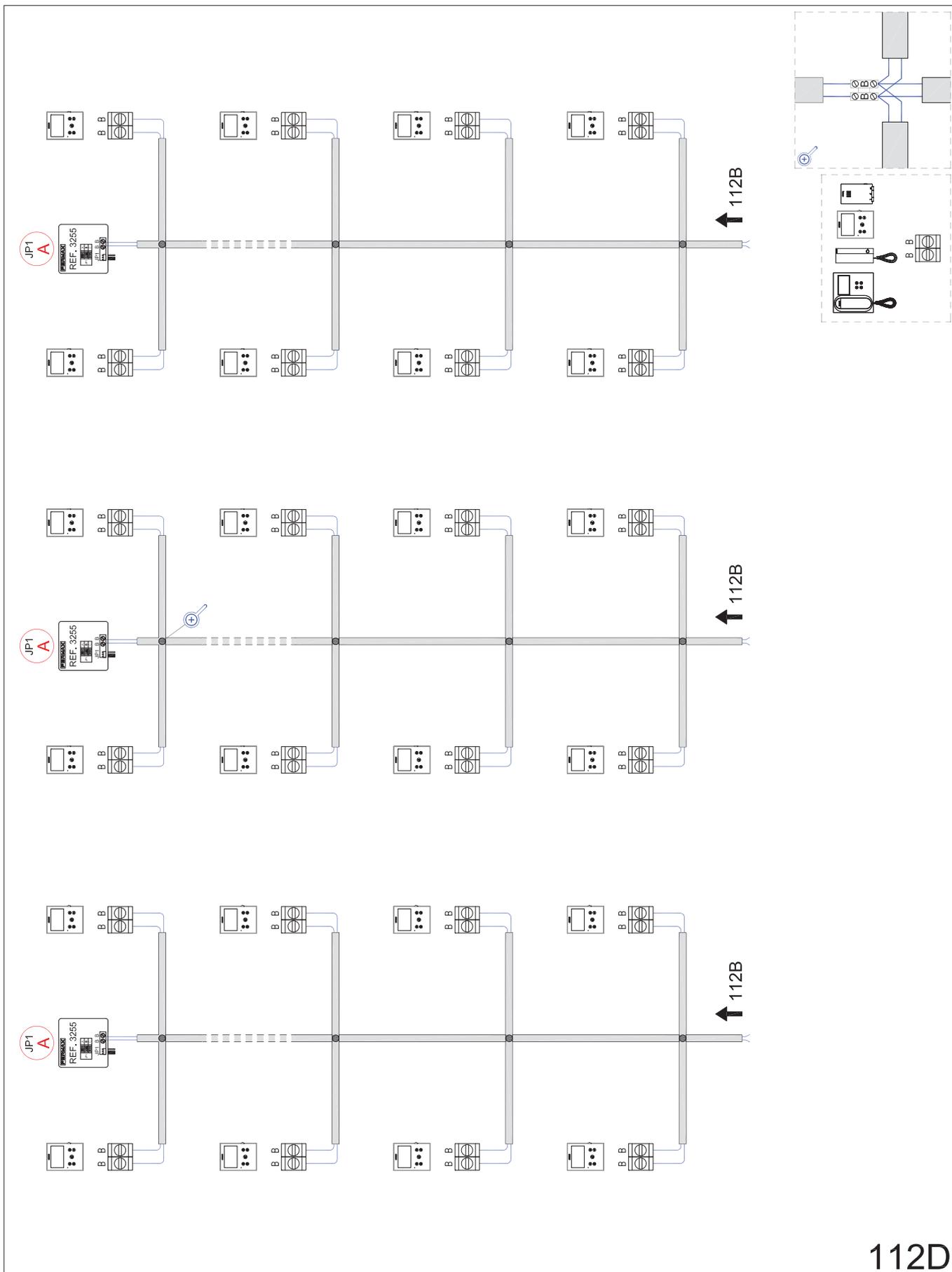


112C

1 video access with 7 risers.

Distribution 2 terminals per floor: up to 70 monitors/telephones.

112D - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).

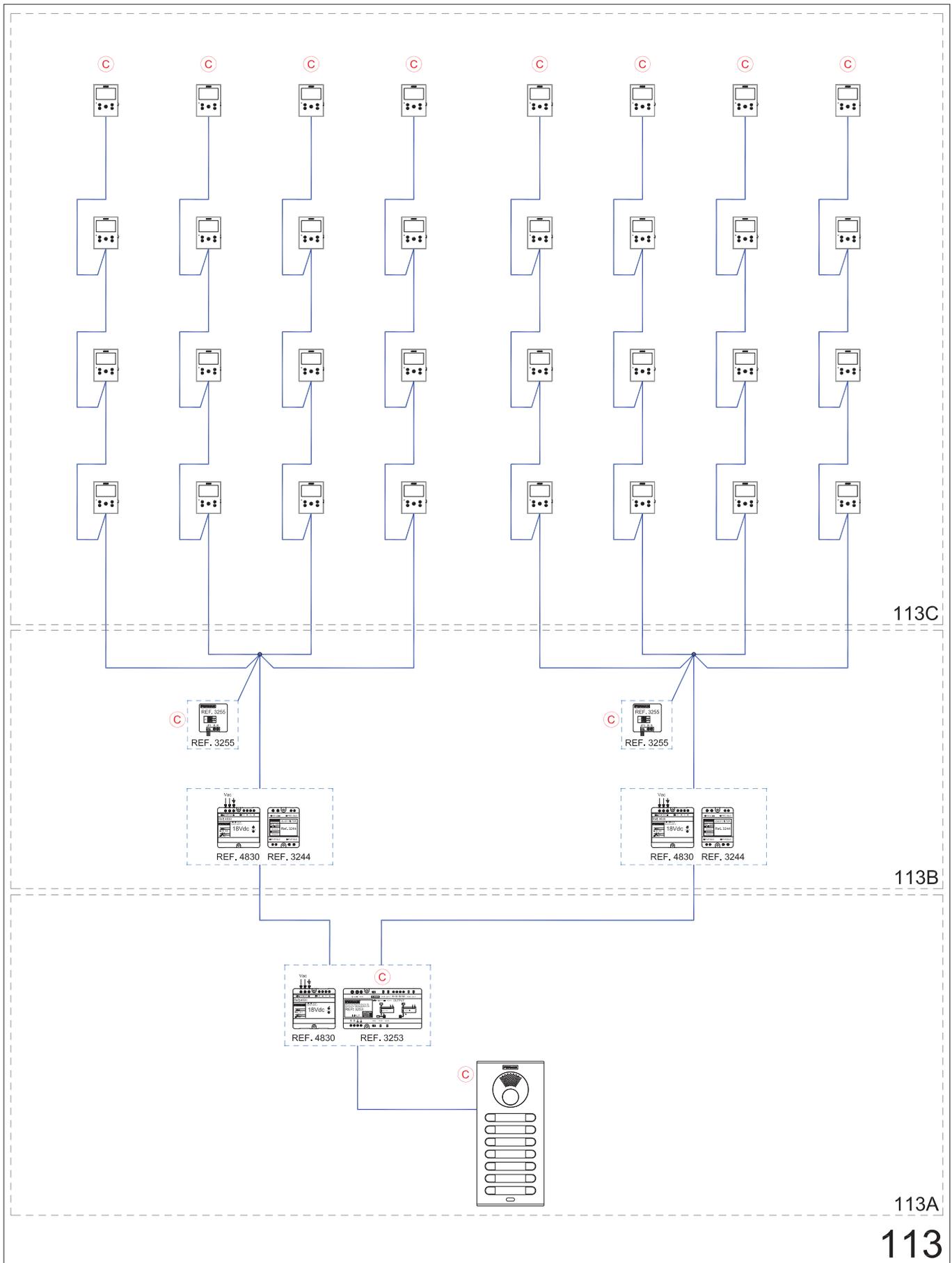


112D

1 video access with 8 risers.

Cascade: up to 64 monitors/telephones.

113 - SINGLE-LINE DIAGRAM.

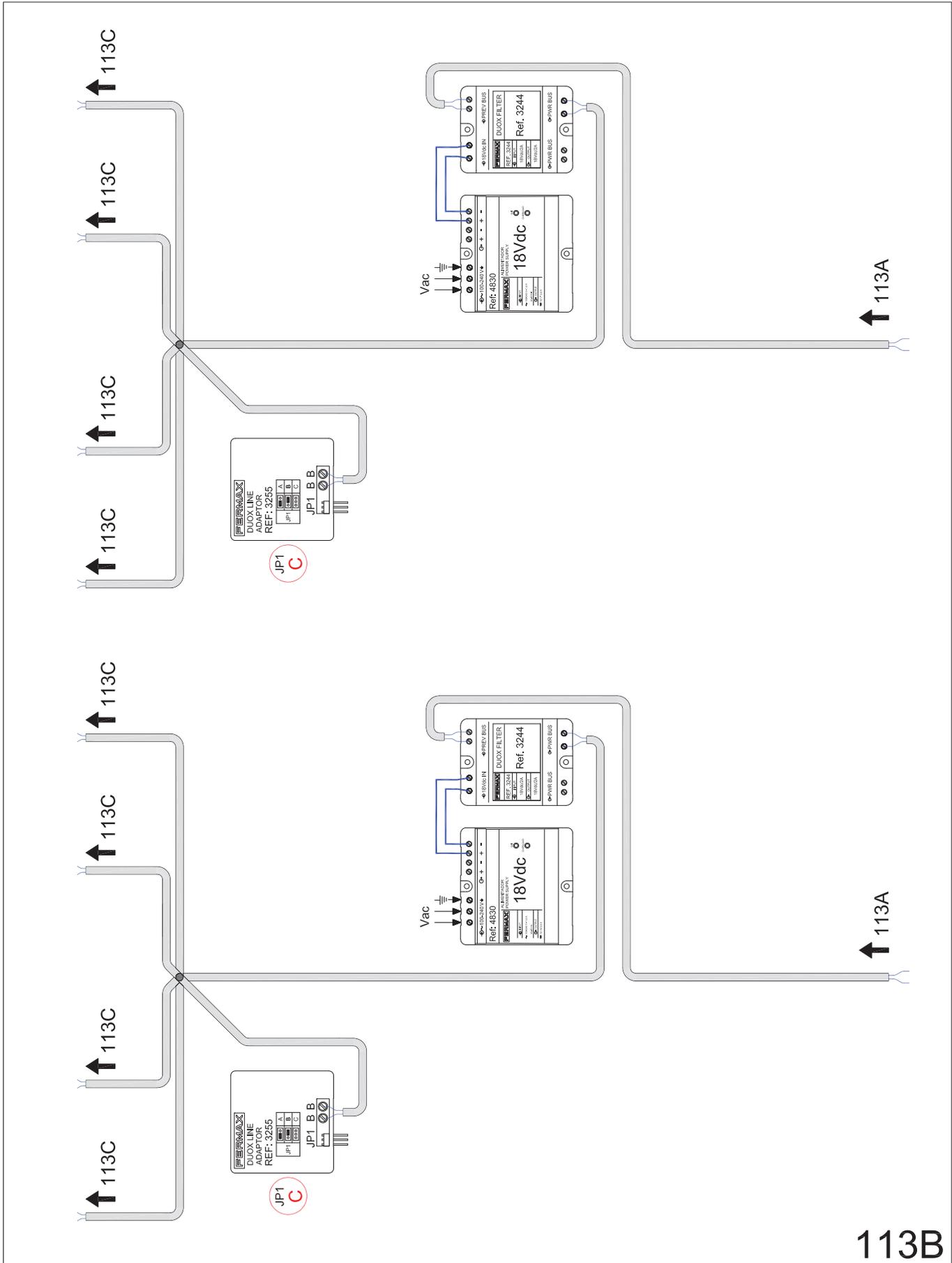


113A
113

1 video access with 8 risers.

Cascade: up to 64 monitors/telephones.

113B - WIRING DIAGRAM. Connection detail: Power supply sets - Line adapters.

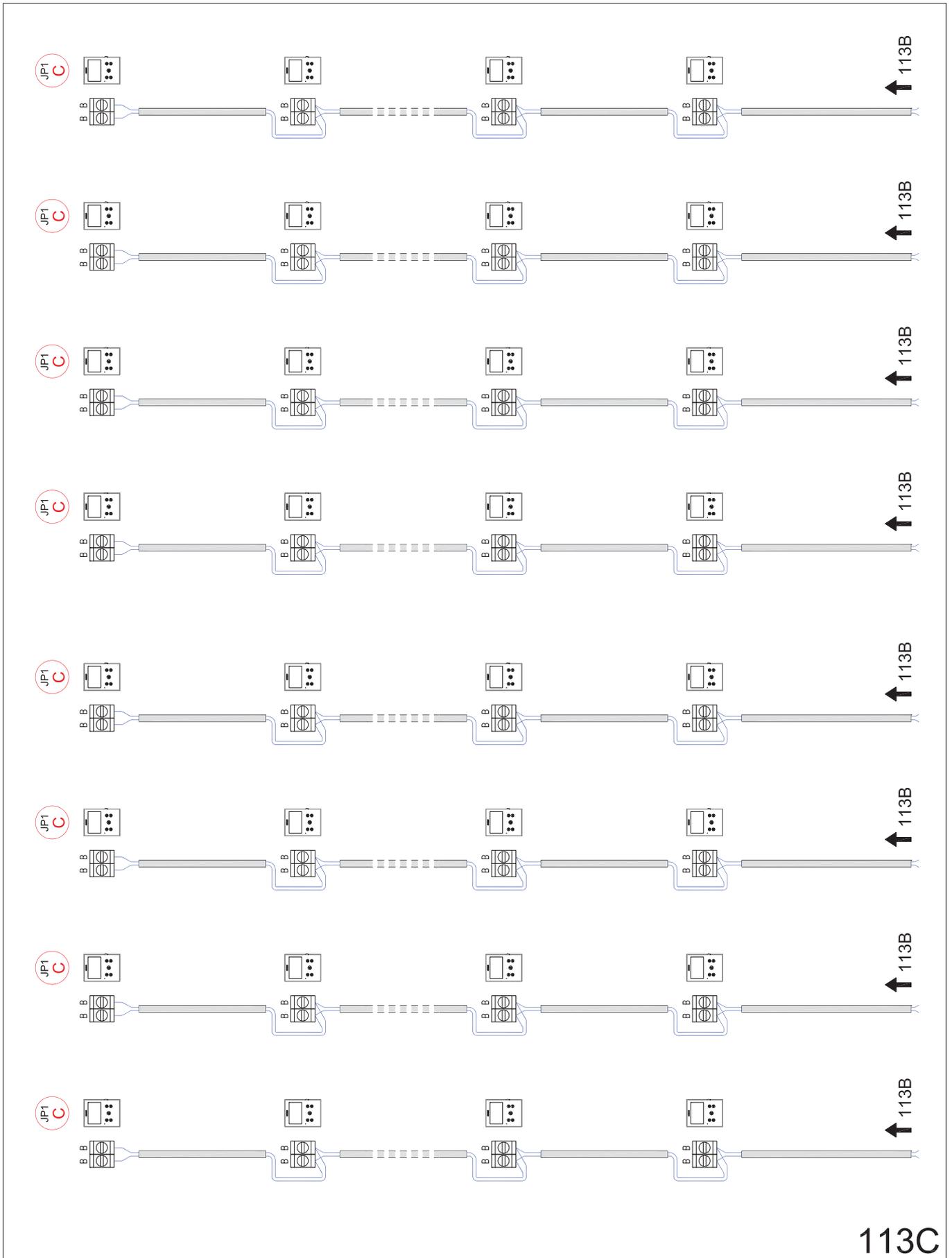


113B

1 video access with 8 risers.

Cascade: up to 64 monitors/telephones.

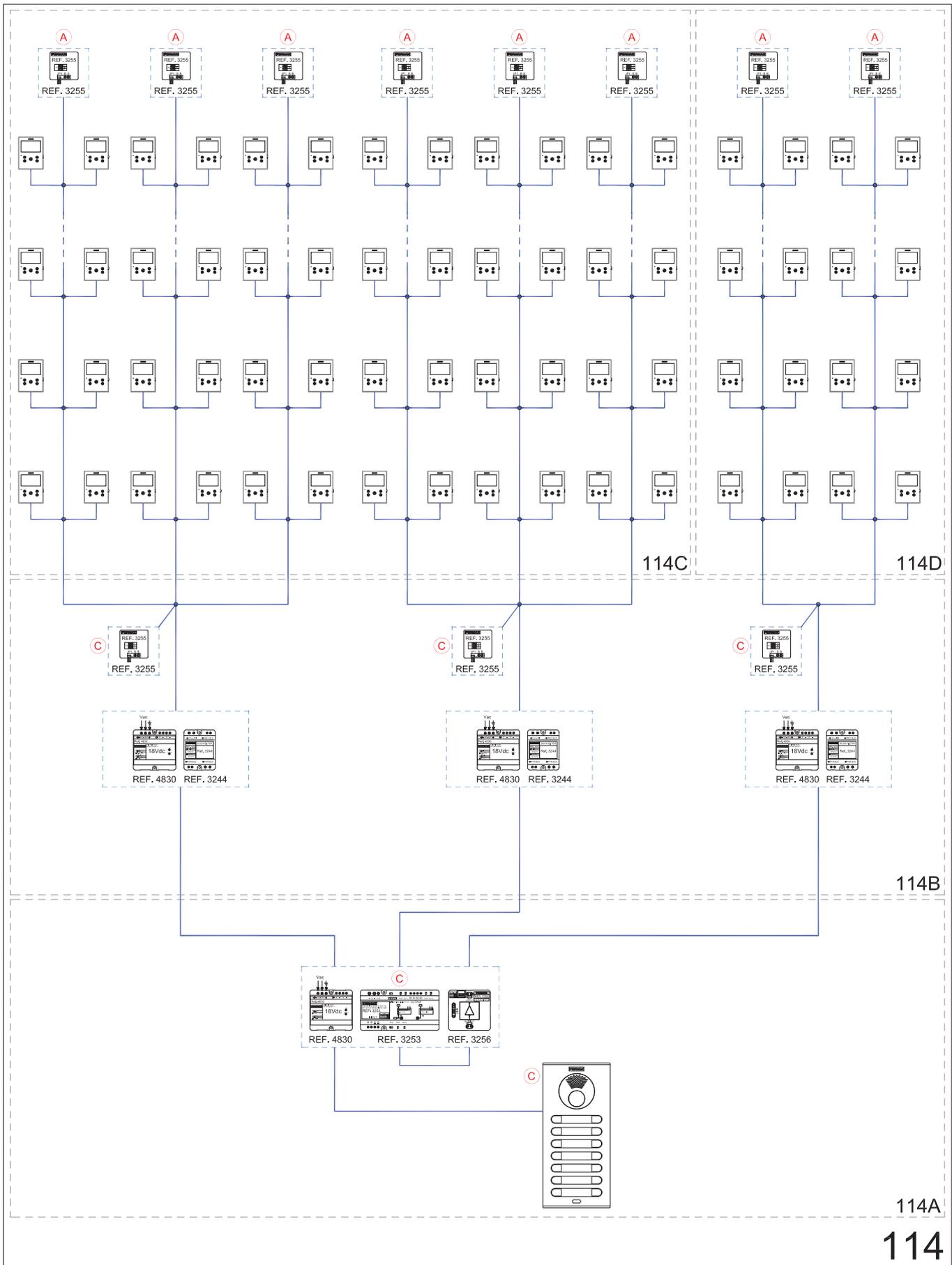
113C - WIRING DIAGRAM. Connection detail: Floors (Terminals).



1 video access with 8 risers.

Distribution 2 terminals per floor: up to 80 monitors/telephones.

114 - SINGLE-LINE DIAGRAM.

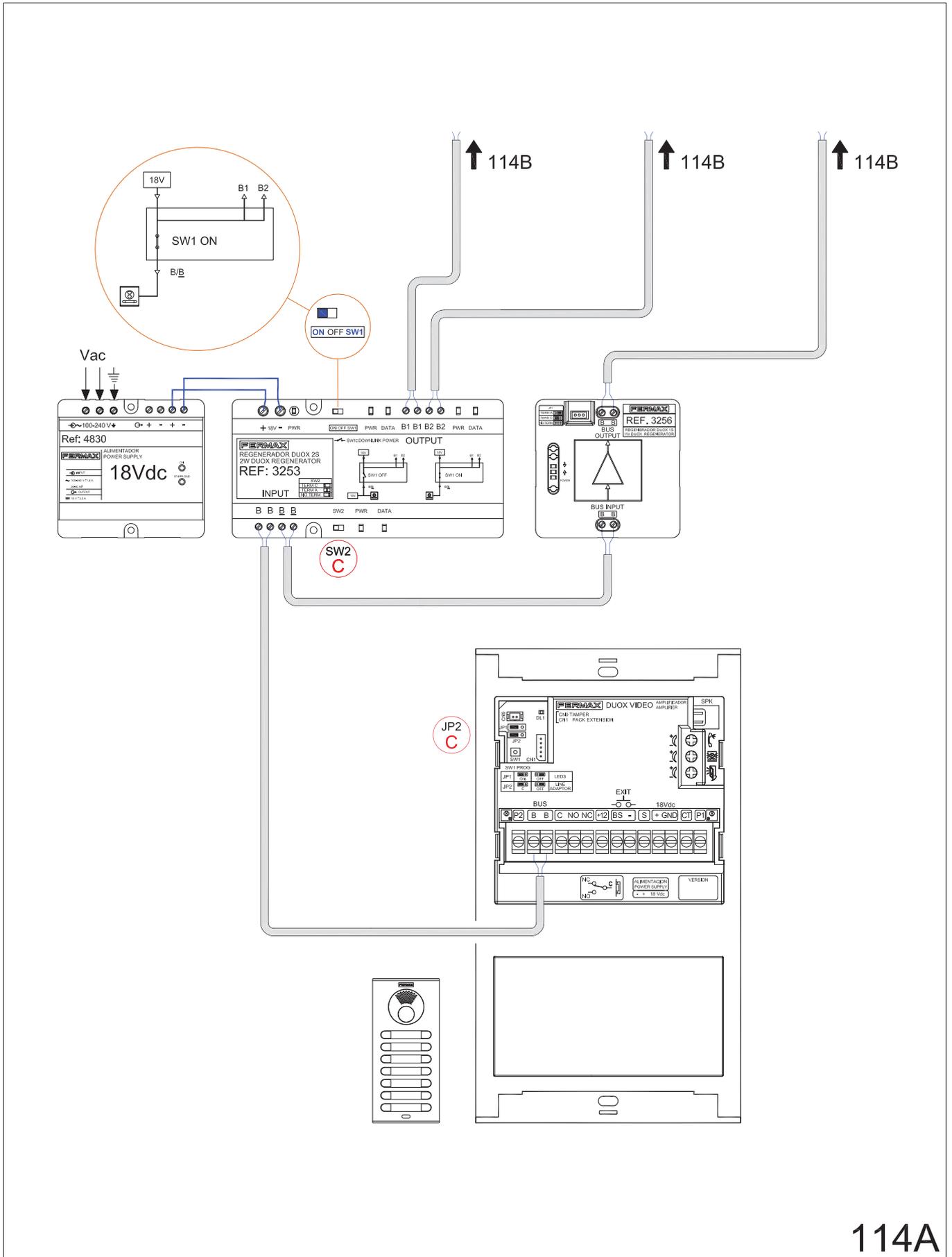


114A
114

1 video access with 8 risers.

Distribution 2 terminals per floor: up to 80 monitors/telephones.

114A - WIRING DIAGRAM. Connection detail: Outdoor panel - 2S regenerator+Power supply - 1S regenerator.

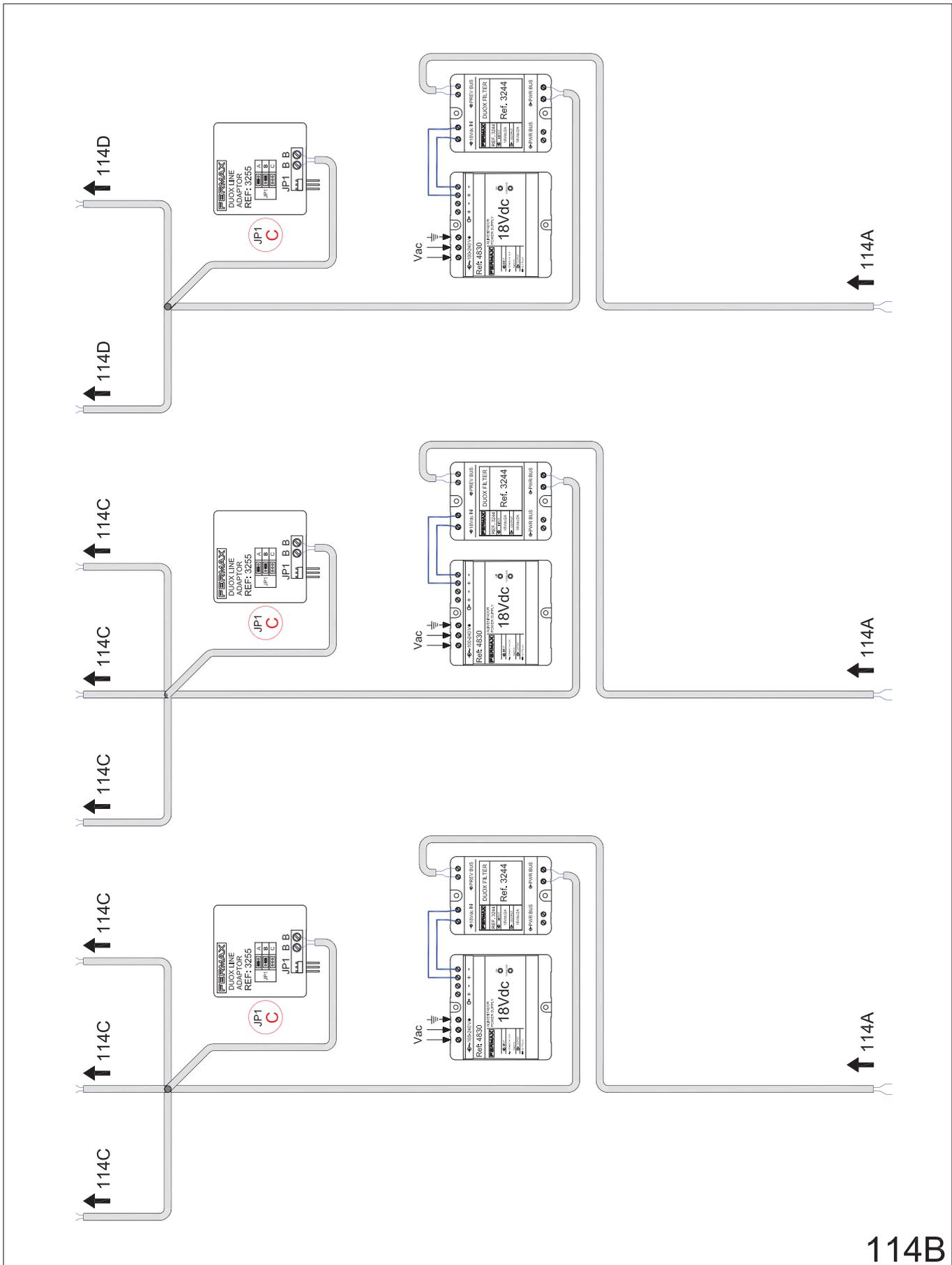


114A

1 video access with 8 risers.

Distribution 2 terminals per floor: up to 80 monitors/telephones.

114B - WIRING DIAGRAM. Connection detail: Power supply sets - Line adapters.

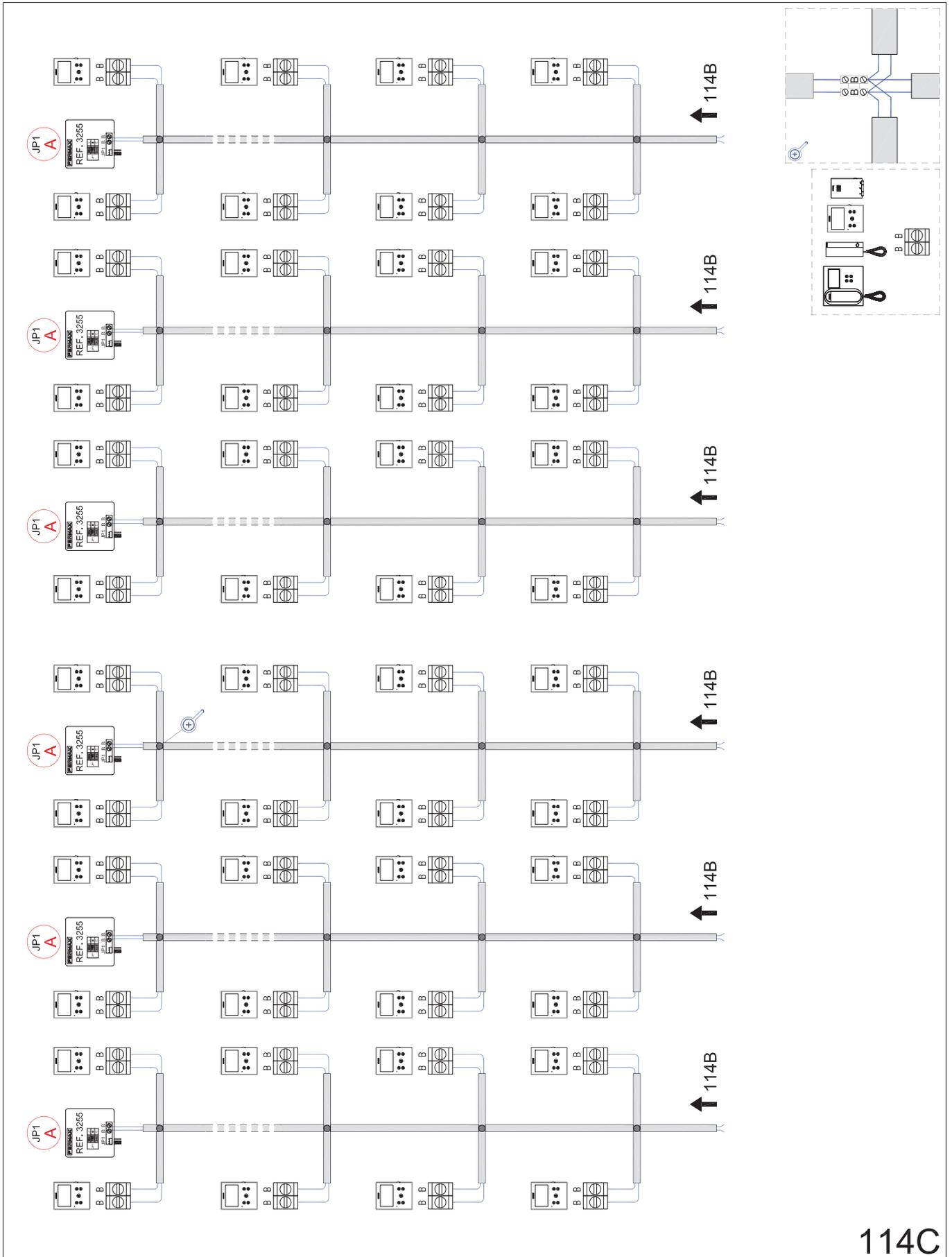


114B

1 video access with 8 risers.

Distribution 2 terminals per floor: up to 80 monitors/telephones.

114C - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).

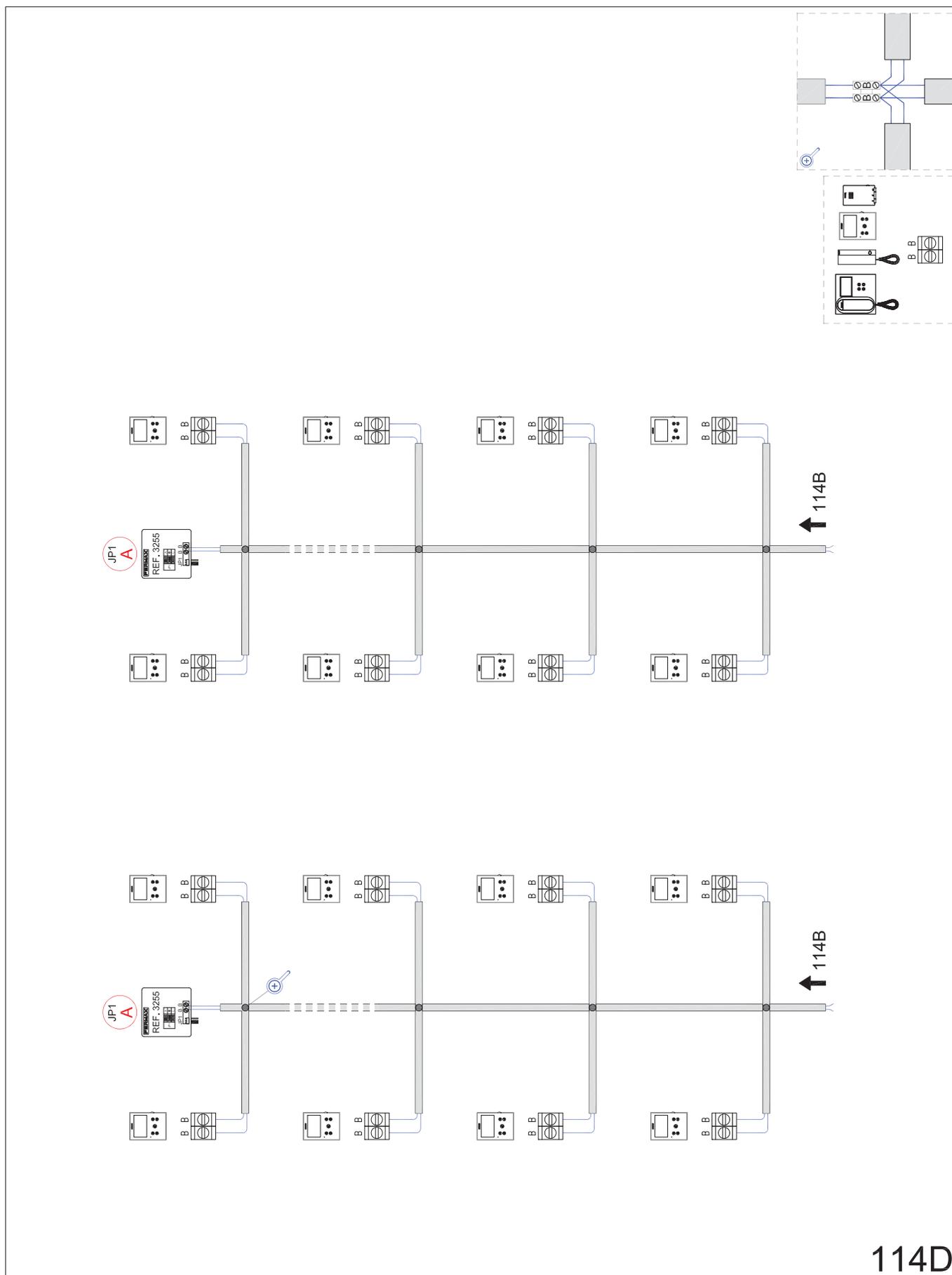


114C

1 video access with 8 risers.

Distribution 2 terminals per floor: up to 80 monitors/telephones.

114D - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).



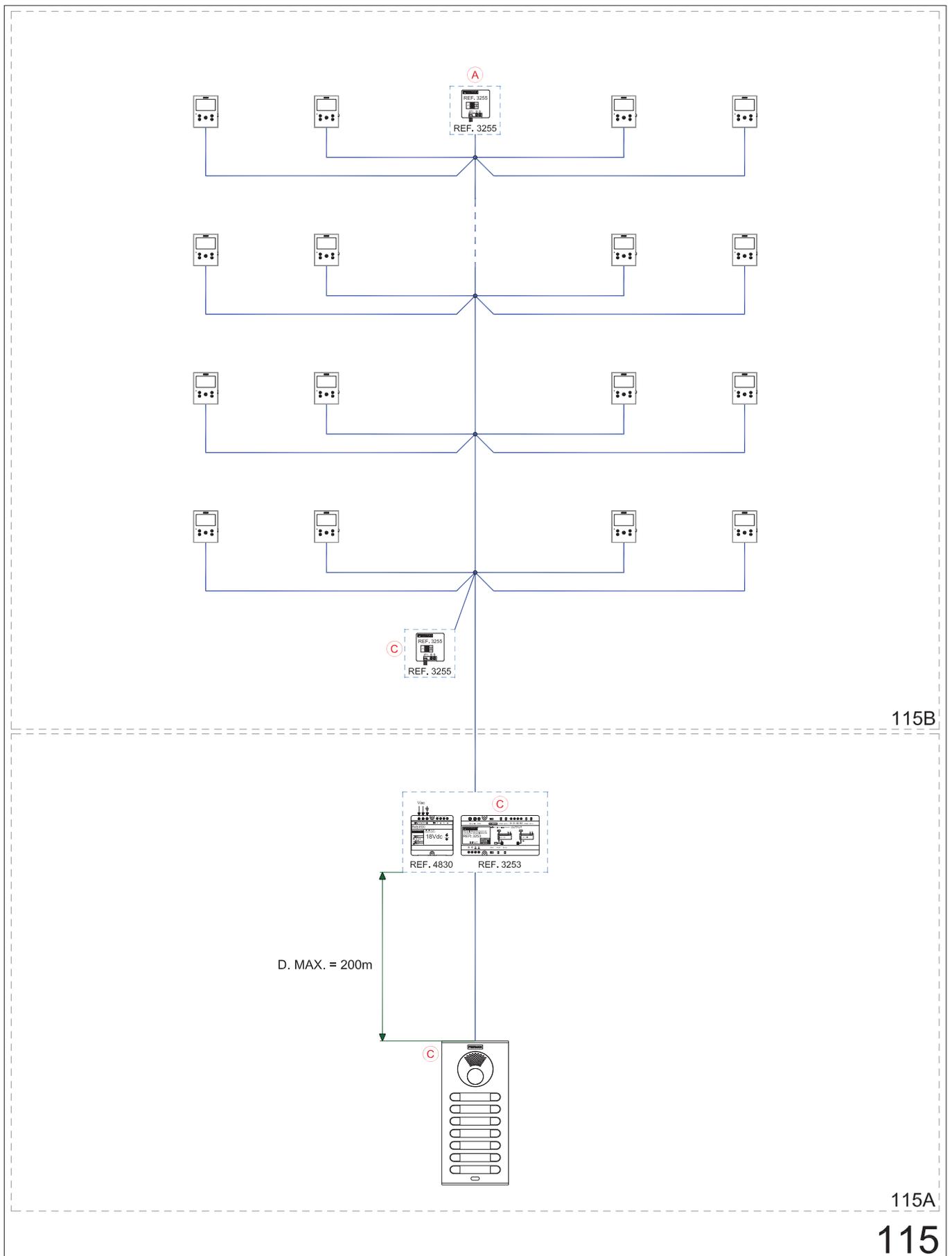
114D

1 video access with 1 riser.

Distribution 4 terminals per floor: up to 20 monitors/telephones.

Distanced outdoor panel. Maximum distance of 200 metres.

115 - SINGLE-LINE DIAGRAM.

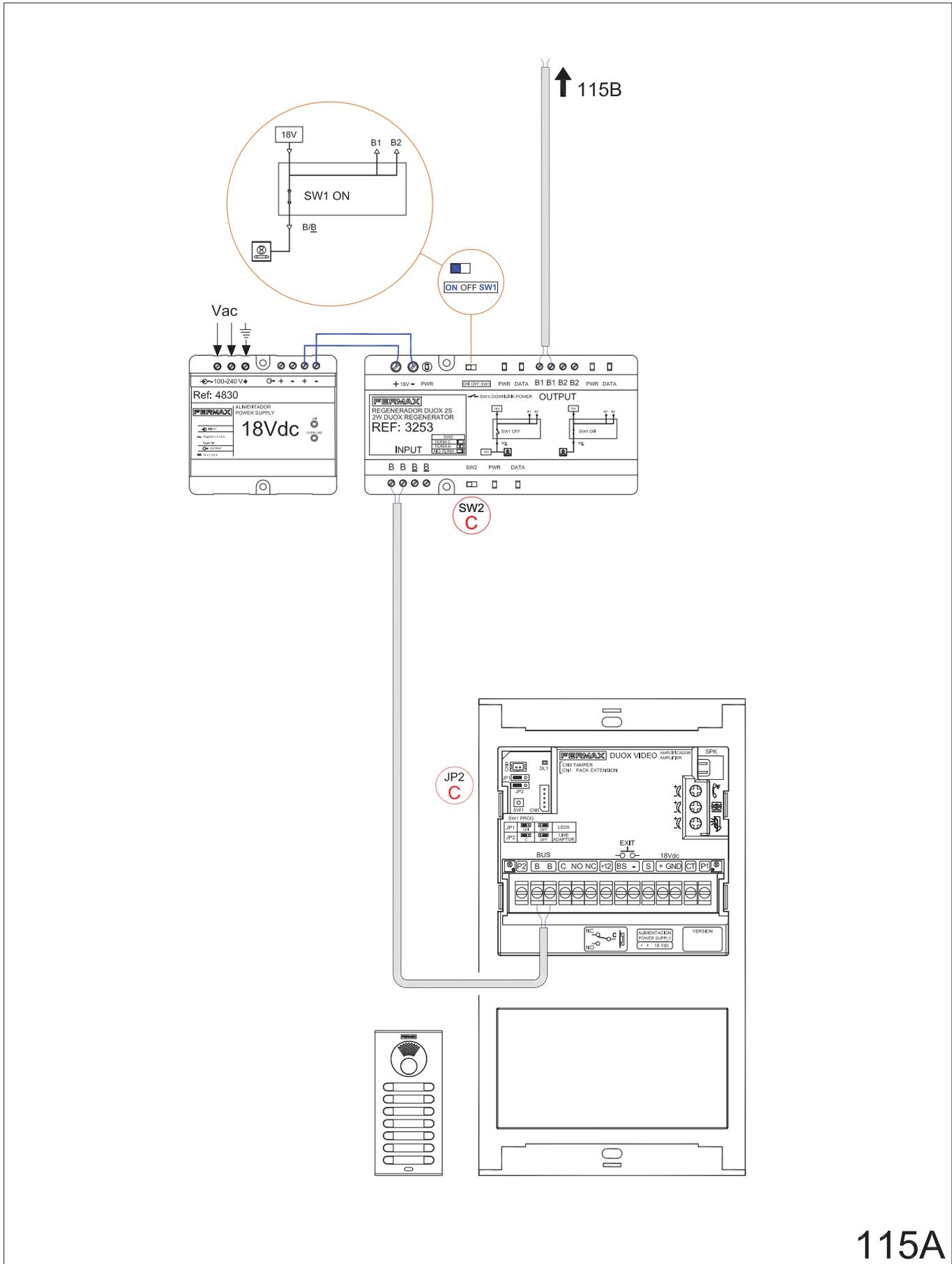


1 video access with 1 riser.

Distribution 4 terminals per floor: up to 20 monitors/telephones.

Distanced outdoor panel. Maximum distance of 200 metres.

115A - WIRING DIAGRAM. Connection detail: Outdoor panel - 2S regenerator+Power supply.



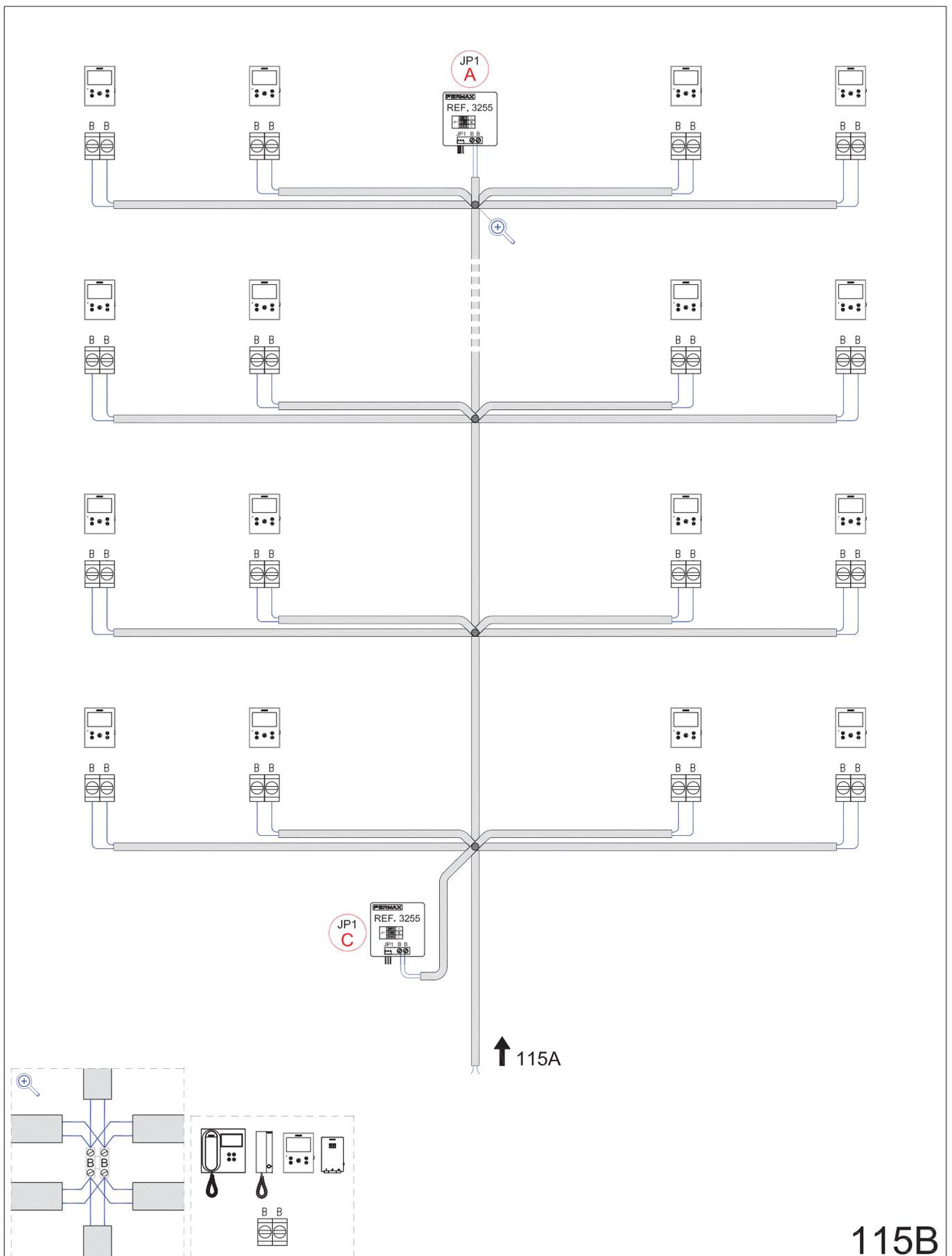
115A

1 video access with 1 riser.

Distribution 4 terminals per floor: up to 20 monitors/telephones.

Distanced outdoor panel. Maximum distance of 200 metres.

115B - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).



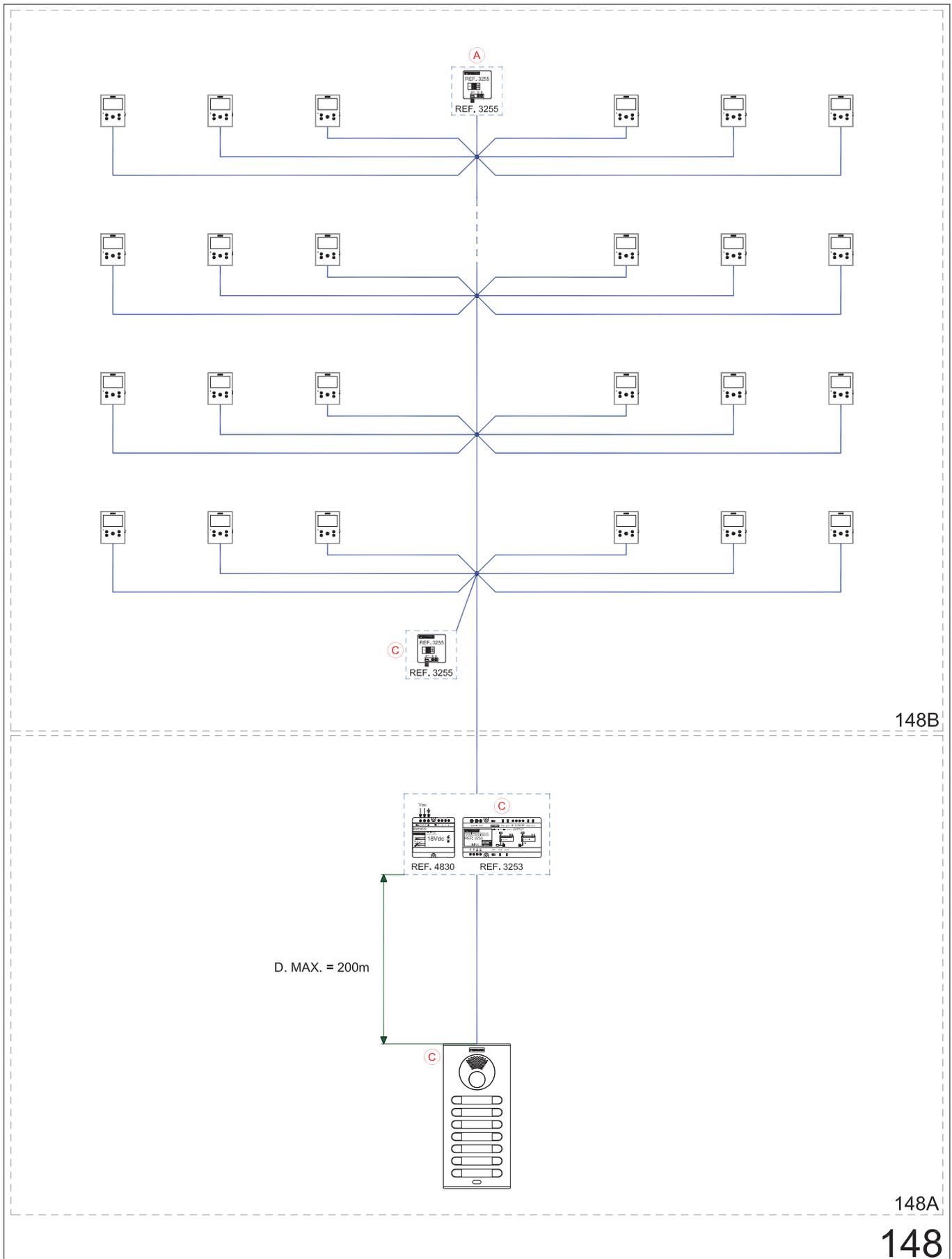
115B

1 video access with 1 riser.

Distribution 6 terminals per floor: up to 30 monitors/telephones.

Distanced outdoor panel. Maximum distance of 200 metres.

148 - SINGLE-LINE DIAGRAM.



148B

148A

148

D. MAX. = 200m

A
REF. 3255

C
REF. 3255
REF. 3255

C
REF. 4830
REF. 3253

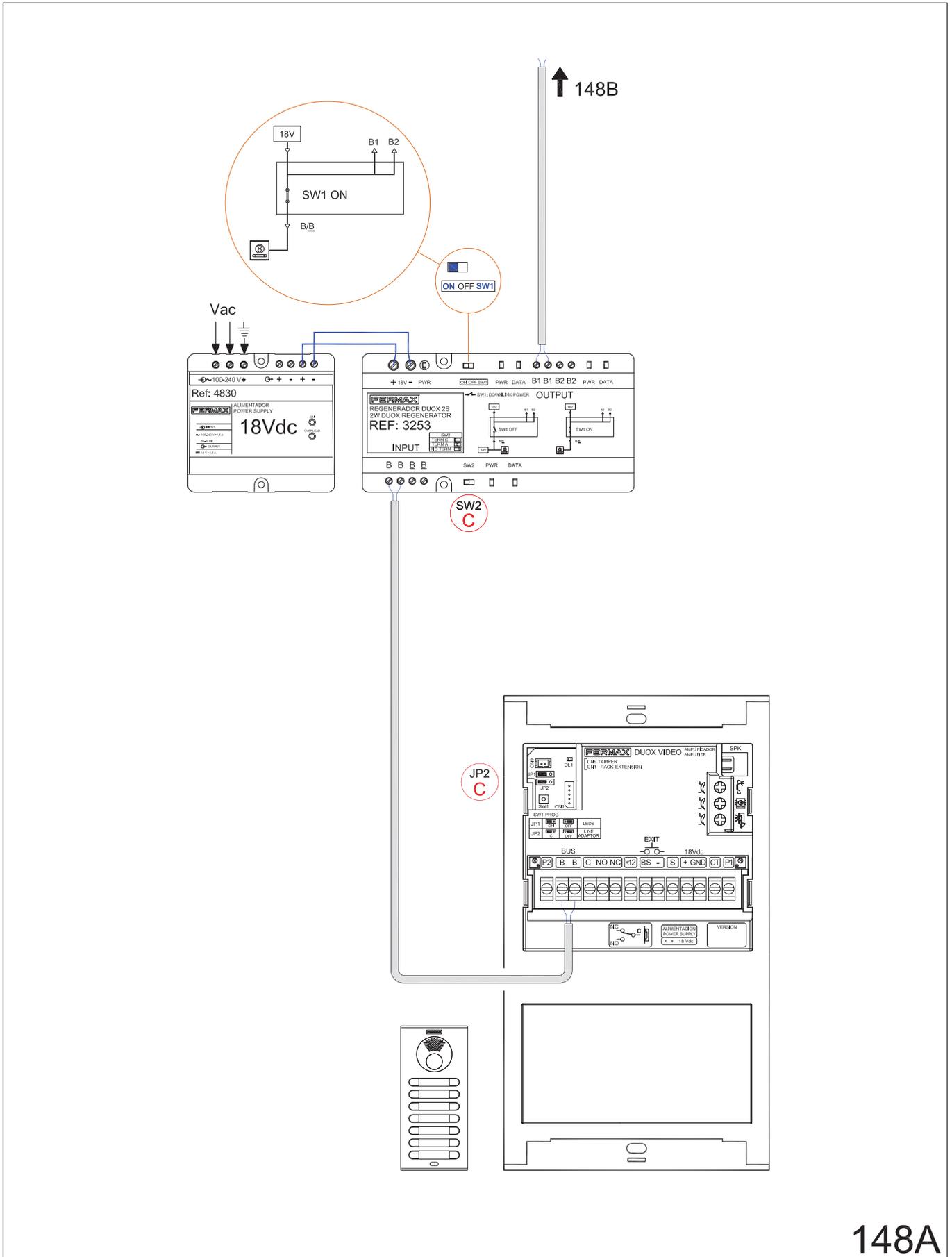
C

1 video access with 1 riser.

Distribution 6 terminals per floor: up to 30 monitors/telephones.

Distanced outdoor panel. Maximum distance of 200 metres.

148A - WIRING DIAGRAM. Connection detail: Outdoor panel - 2S regenerator+Power supply

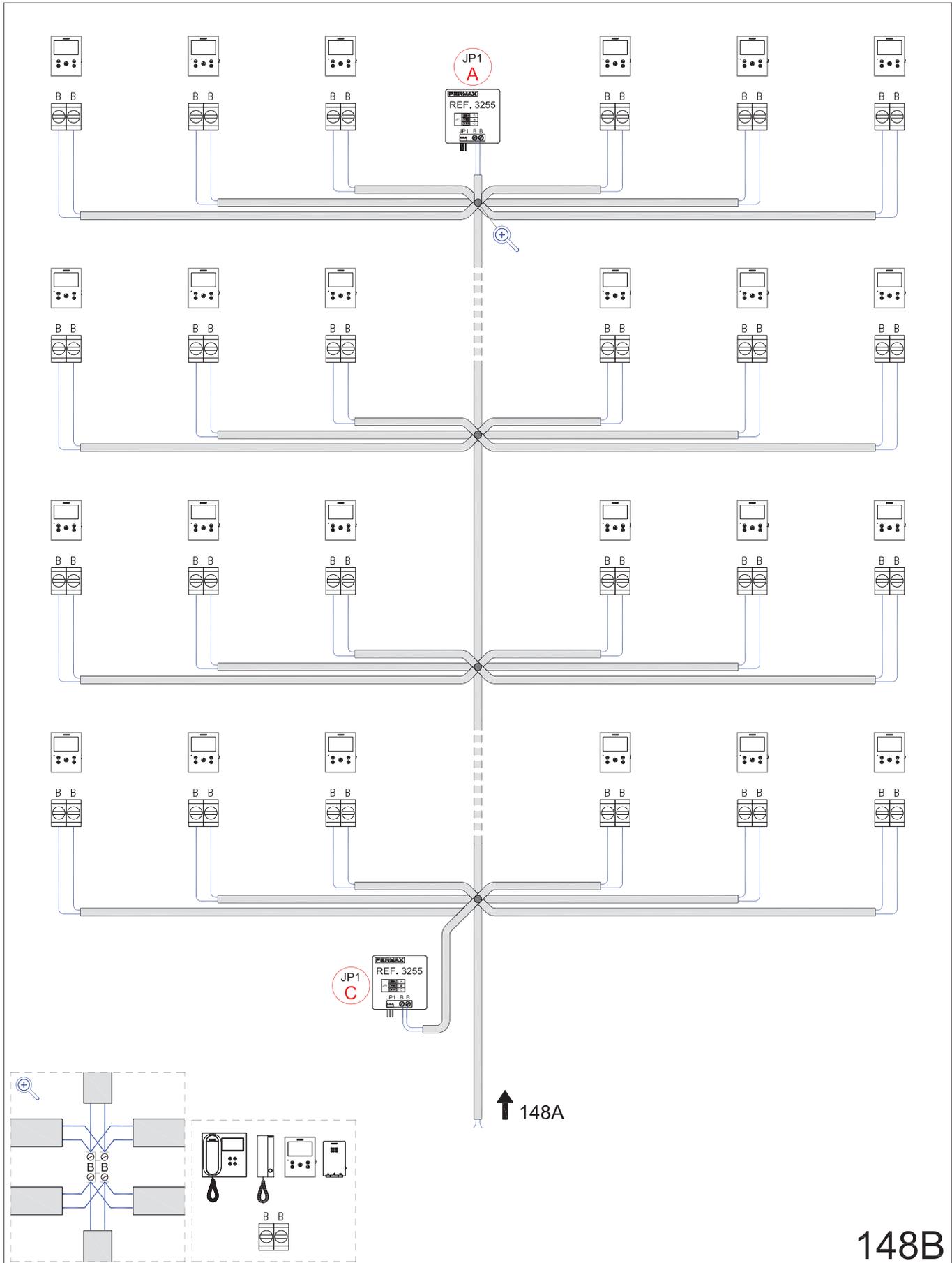


1 video access with 1 riser.

Distribution 6 terminals per floor: up to 30 monitors/telephones.

Distanced outdoor panel. Maximum distance of 200 metres.

148B - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).



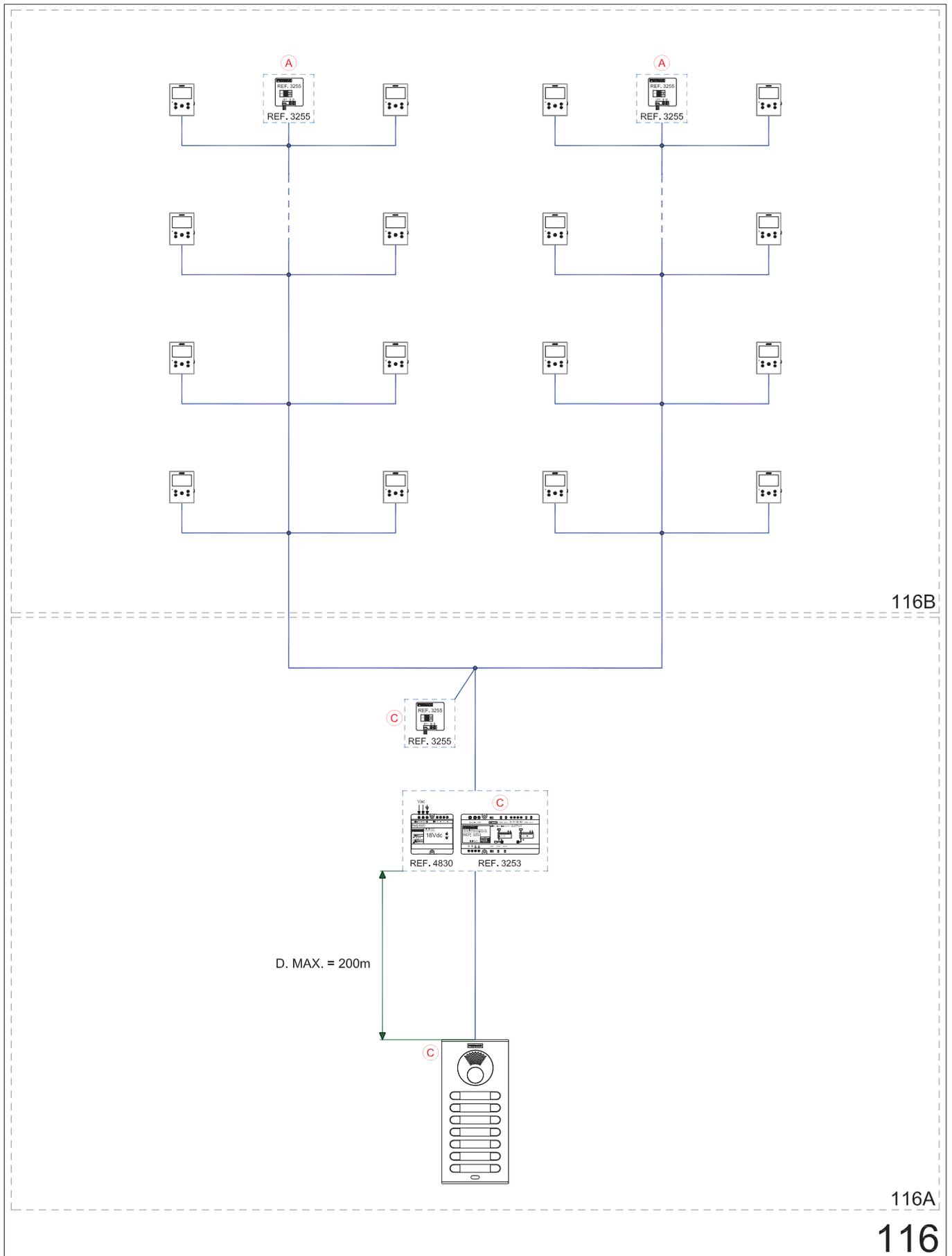
148B

1 video access with 2 risers.

Distribution 2 terminals per floor: up to 20 monitors/telephones.

Distanced outdoor panel. Maximum distance of 200 metres.

116 - SINGLE-LINE DIAGRAM.

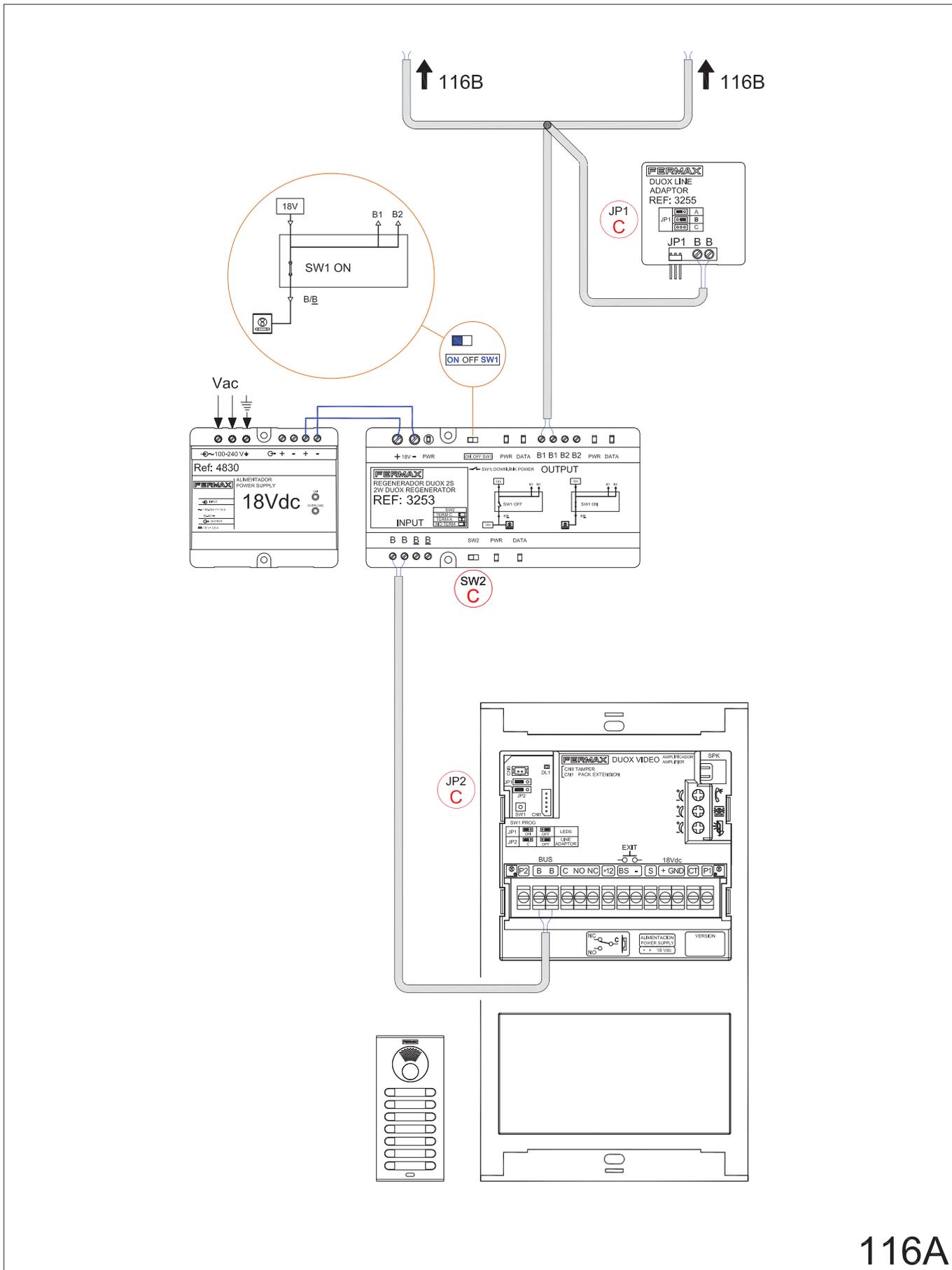


1 video access with 2 risers.

Distribution 2 terminals per floor: up to 20 monitors/telephones.

Distanced outdoor panel. Maximum distance of 200 metres.

116A - WIRING DIAGRAM. Connection detail: Outdoor panel - 2S regenerator+Power supply - Line adaptor.



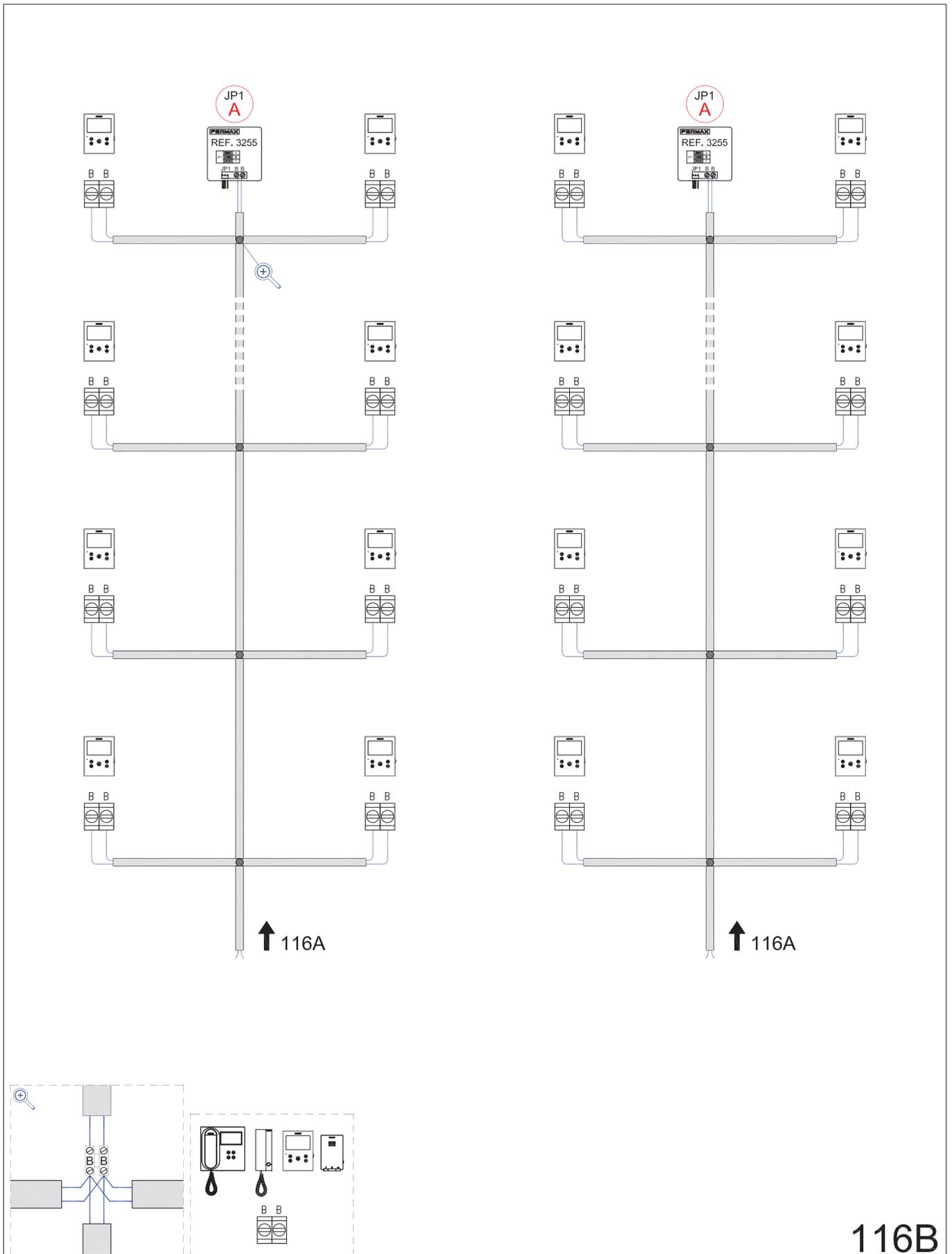
116A

1 video access with 2 risers.

Distribution 2 terminals per floor: up to 20 monitors/telephones.

Distanced outdoor panel. Maximum distance of 200 metres.

116B - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).



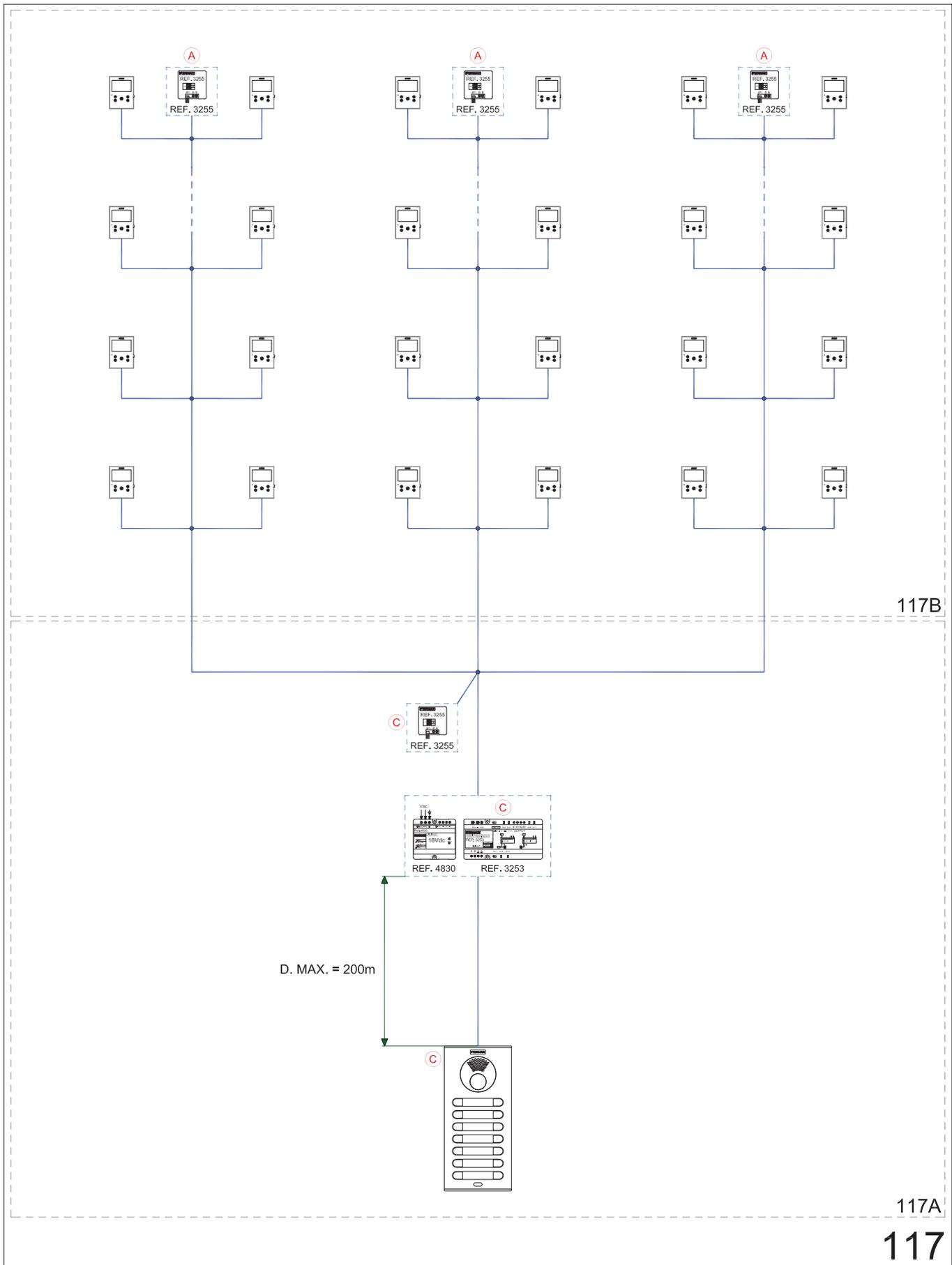
116B

1 video access with 3 risers.

Distribution 2 terminals per floor: up to 30 monitors/telephones.

Distanced outdoor panel. Maximum distance of 200 metres.

117 - SINGLE-LINE DIAGRAM.



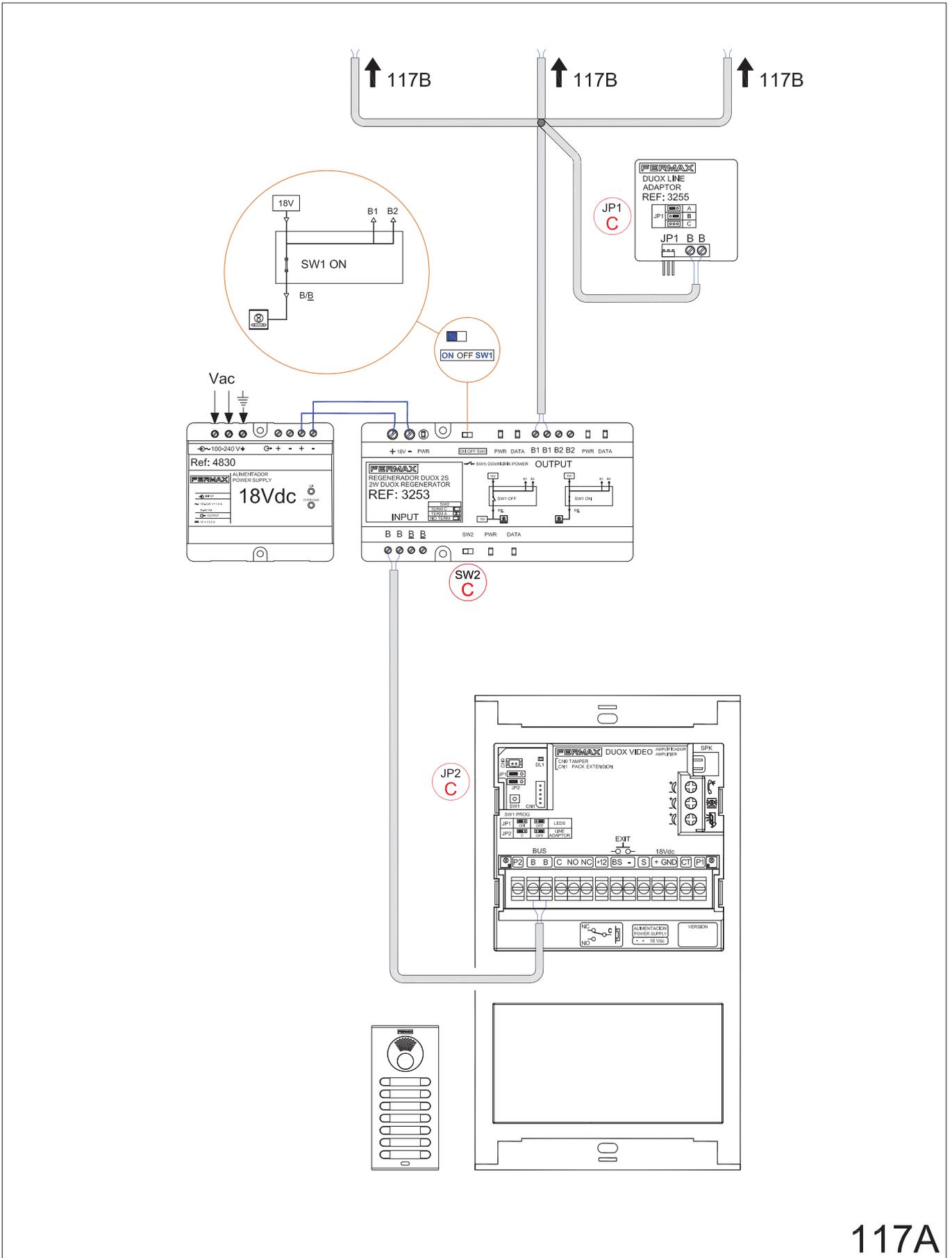
117A
117

1 video access with 3 risers.

Distribution 2 terminals per floor: up to 30 monitors/telephones.

Distanced outdoor panel. Maximum distance of 200 metres.

117A - WIRING DIAGRAM. Connection detail: Outdoor panel - 2S regenerator+Power supply - Line adapter.

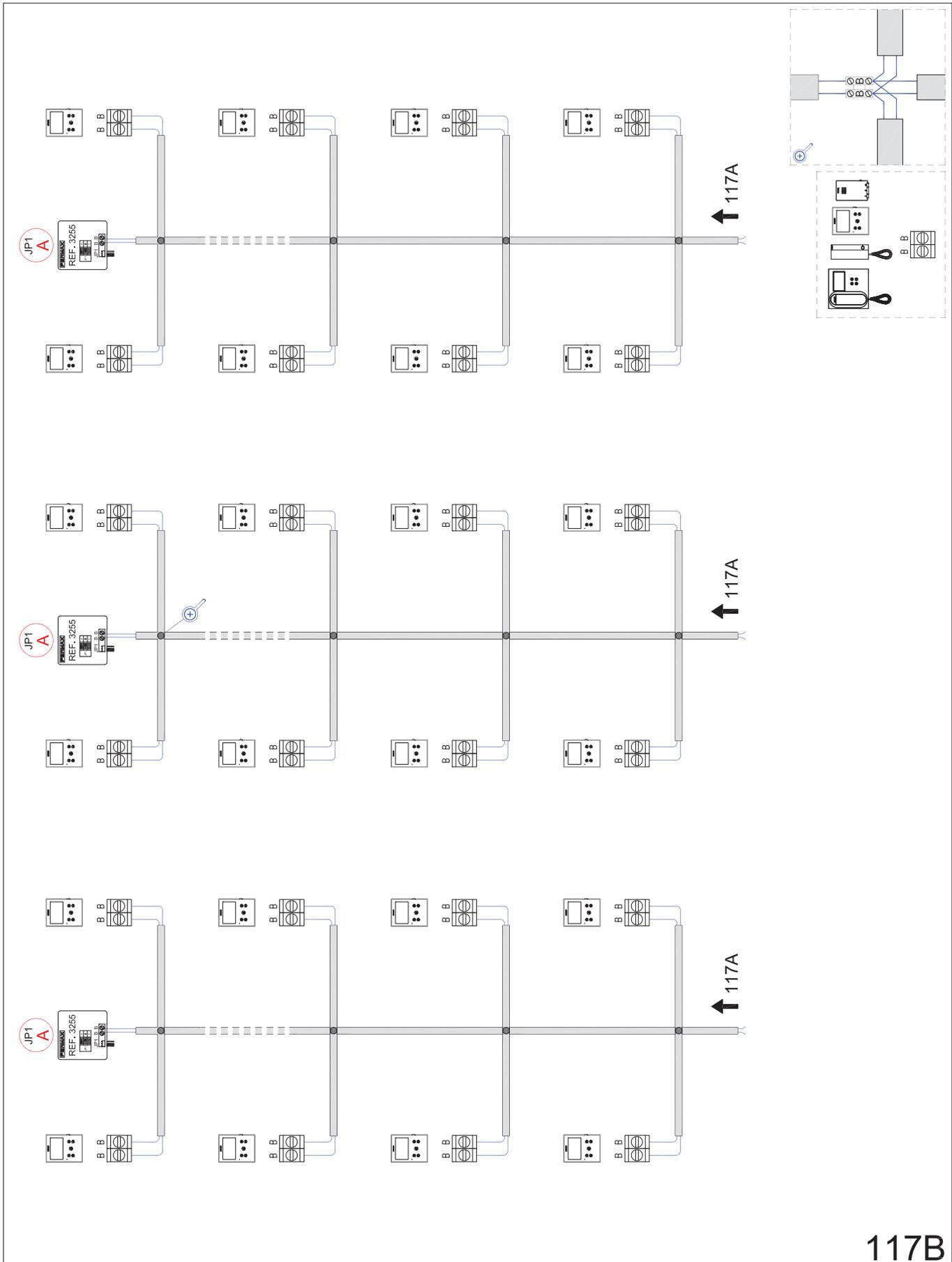


1 video access with 3 risers.

Distribution 2 terminals per floor: up to 30 monitors/telephones.

Distanced outdoor panel. Maximum distance of 200 metres.

117B - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).



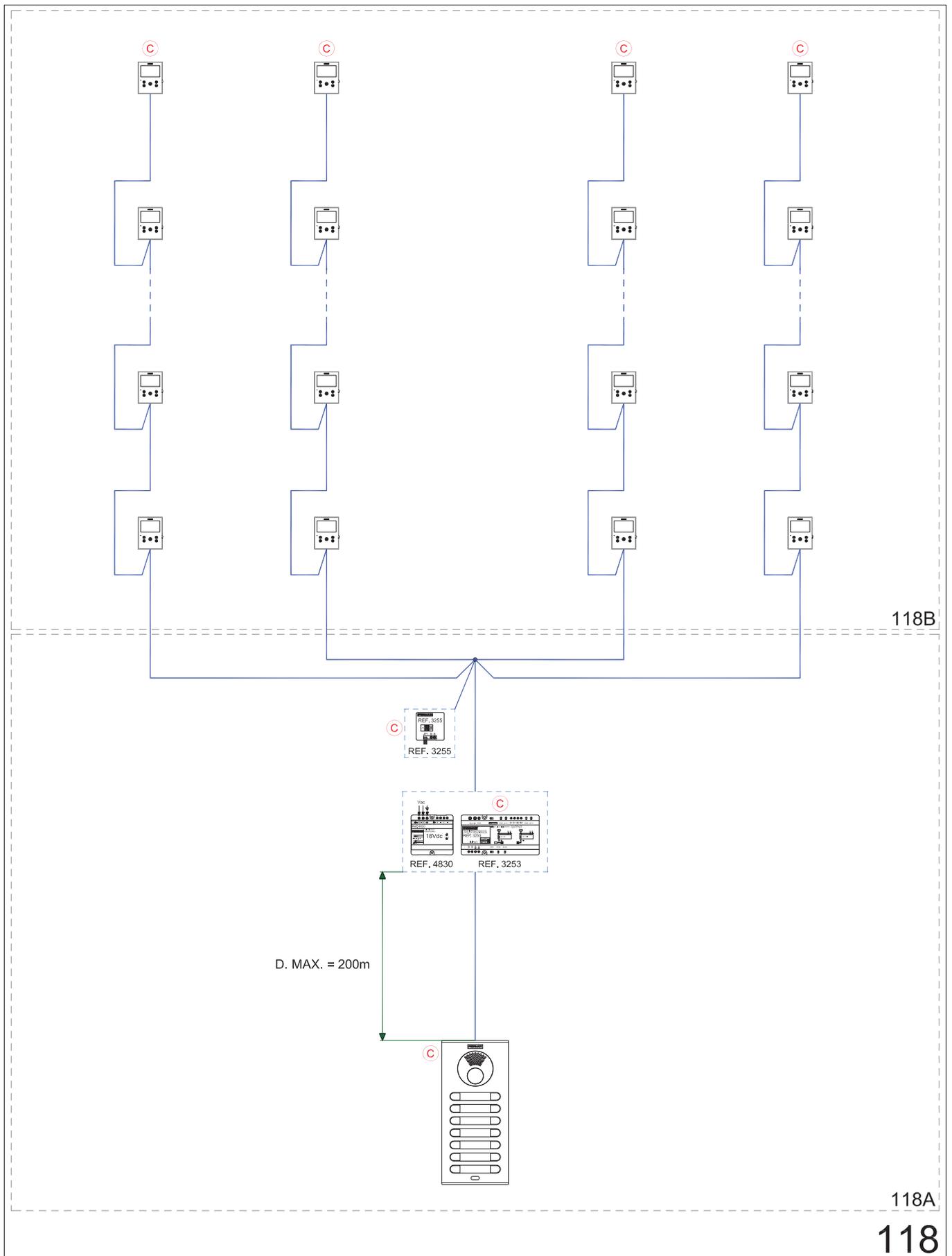
117B

1 video access with 4 risers.

Cascade: up to 24 monitors/telephones.

Distanced outdoor panel. Maximum distance of 200 metres.

118 - SINGLE-LINE DIAGRAM.

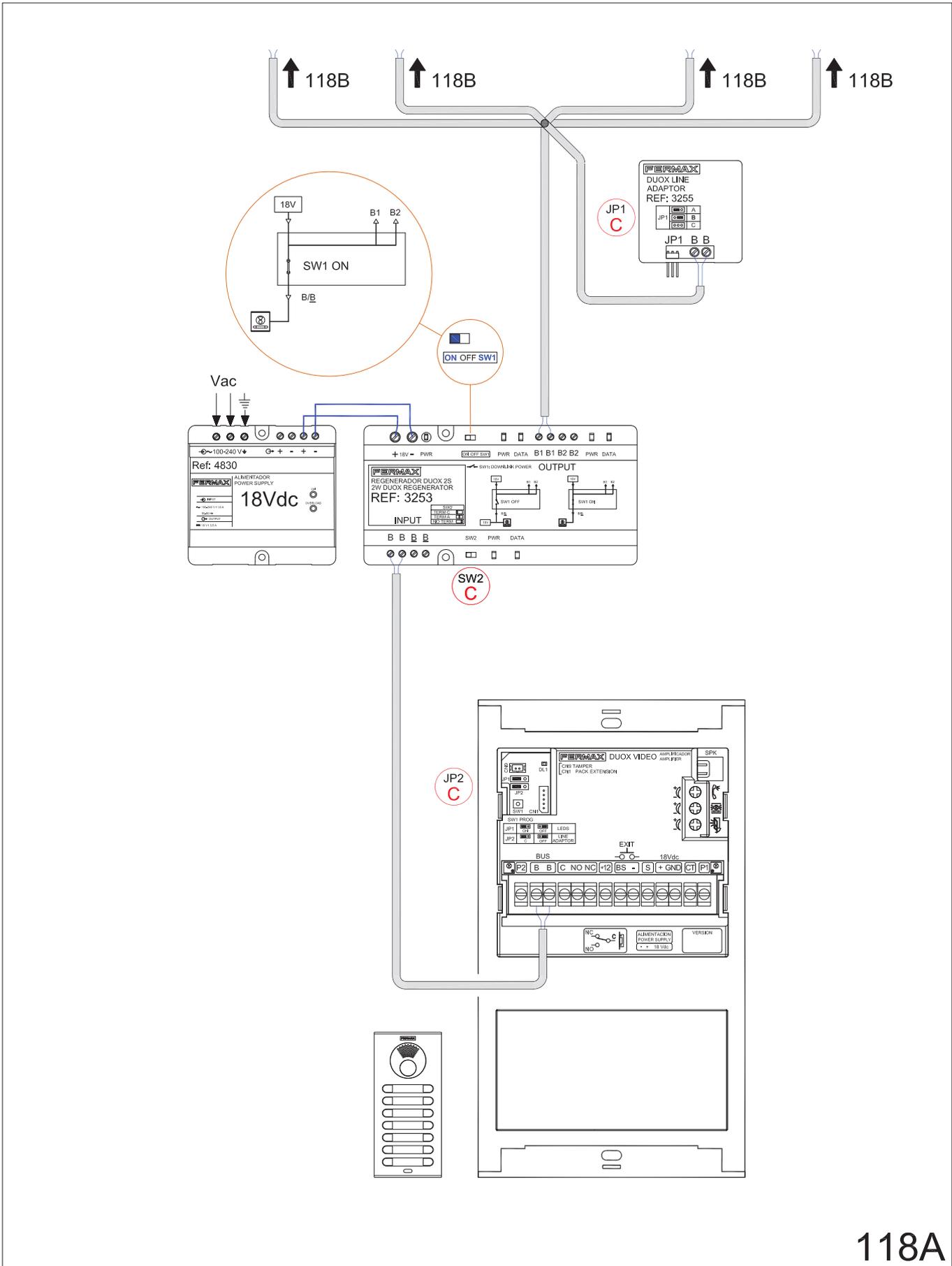


1 video access with 4 risers.

Cascade: up to 24 monitors/telephones.

Distanced outdoor panel. Maximum distance of 200 metres.

118A - WIRING DIAGRAM. Connection detail: Outdoor panel - 2S regenerator+Power supply - Line adapter.



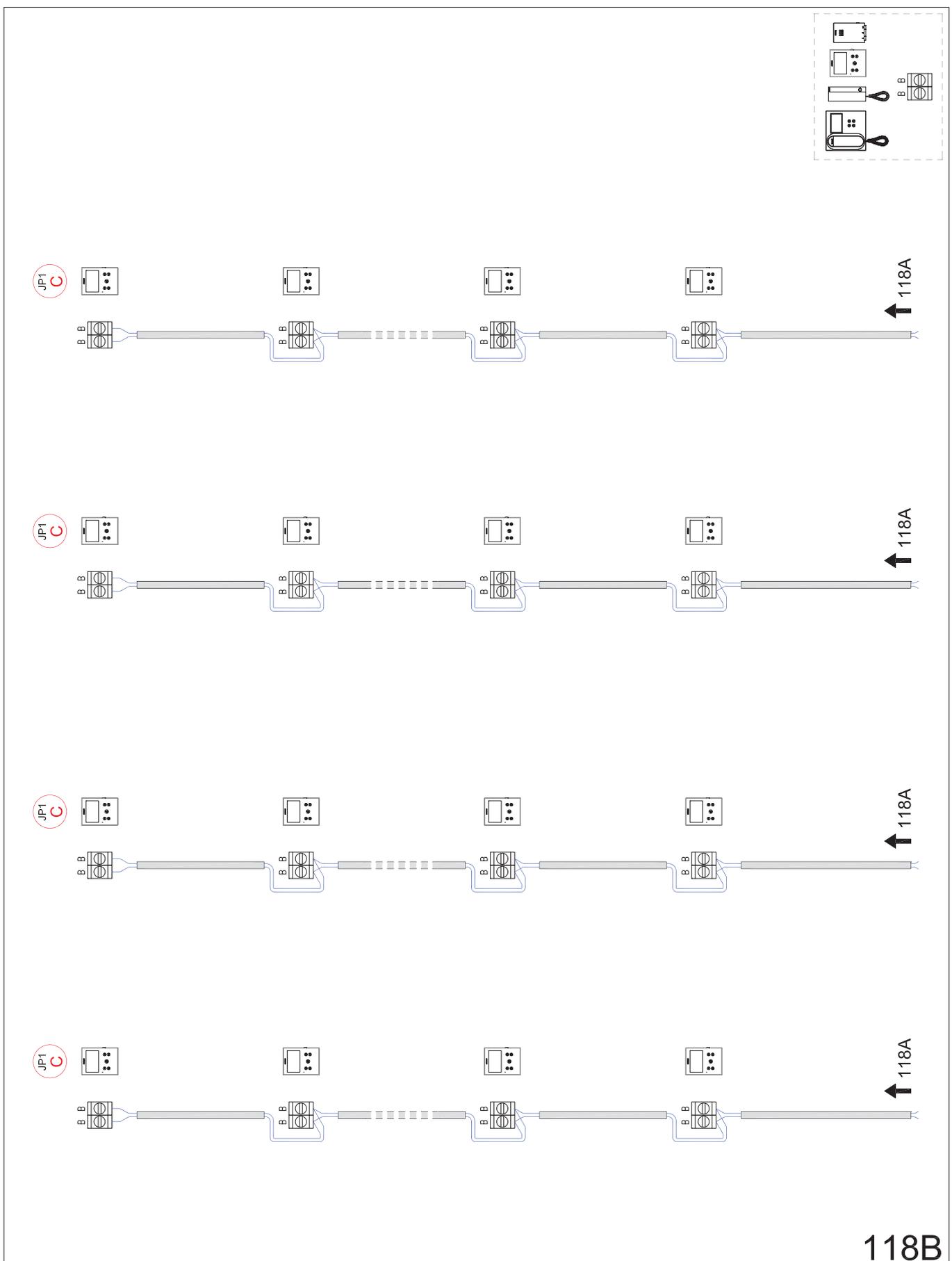
118A

1 video access with 4 risers.

Cascade: up to 24 monitors/telephones.

Distanced outdoor panel. Maximum distance of 200 metres.

118B - WIRING DIAGRAM. Connection detail: Floors (Terminals).



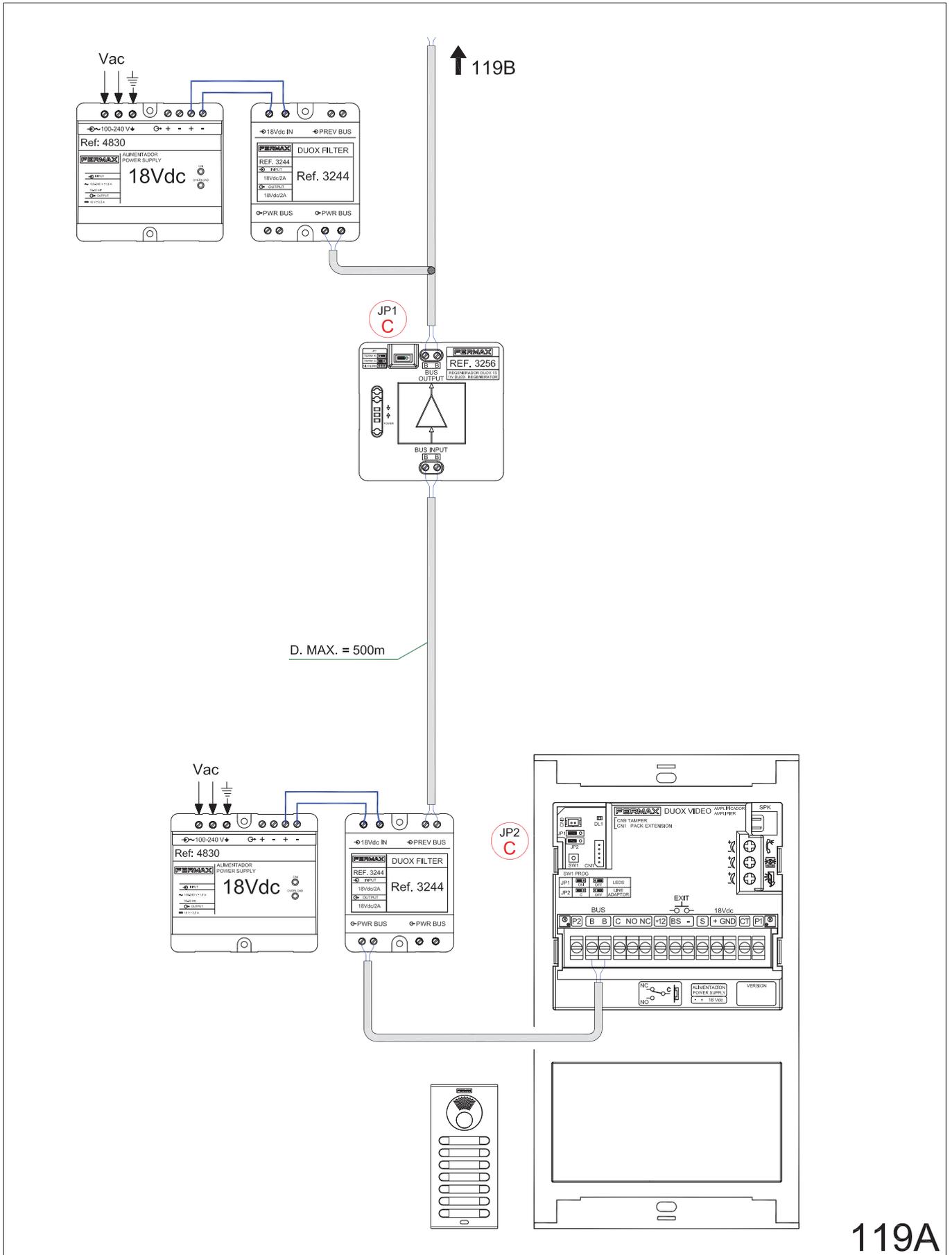
118B

1 video access with 1 riser.

Distribution 4 terminals per floor: up to 20 monitors/telephones.

Extremely distanced outdoor panel. Located at a distance of approximately 500 metres.

119A - WIRING DIAGRAM. Connection detail: Outdoor panel - 1S regenerator - Power supply sets.



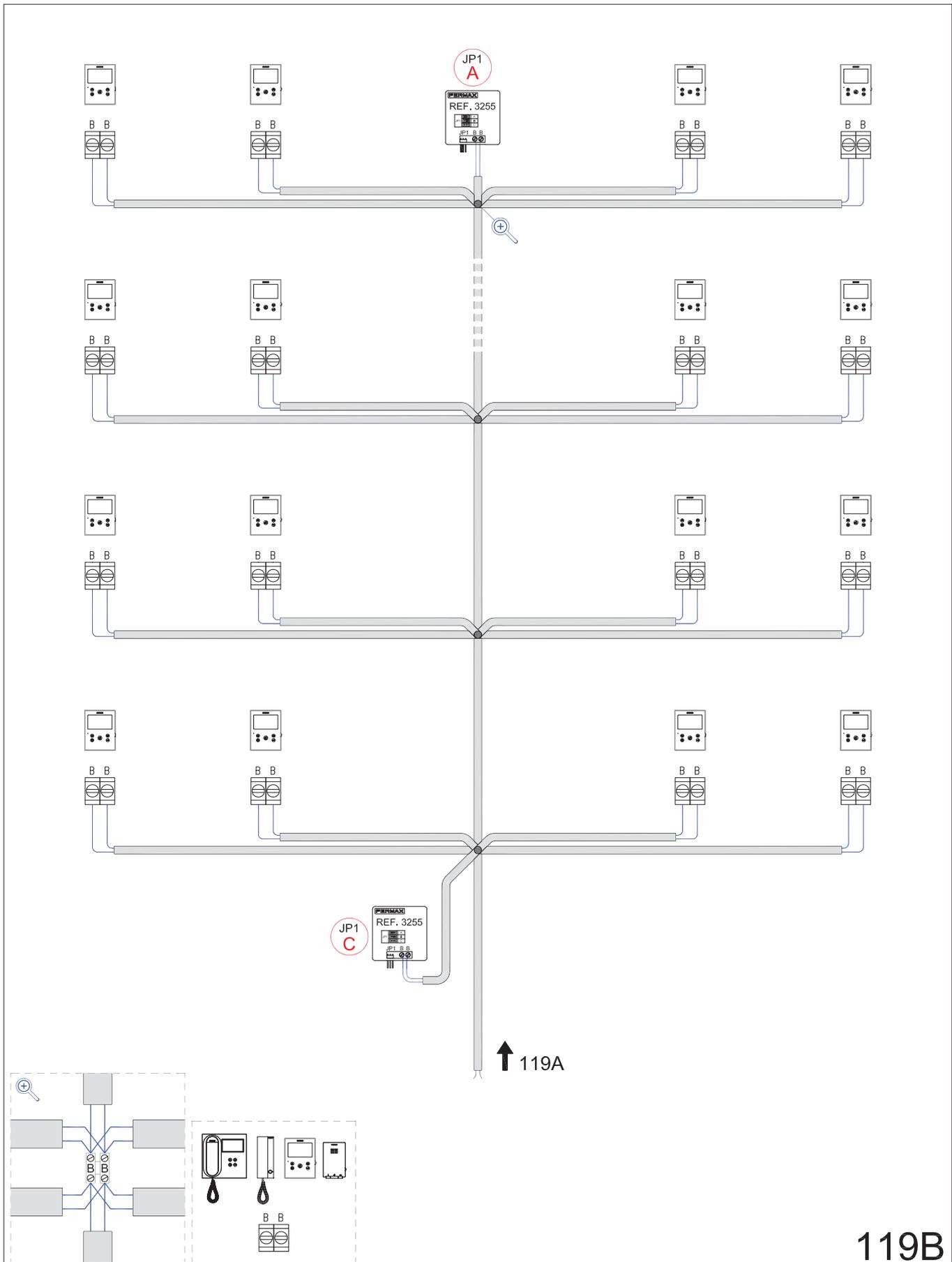
119A

1 video access with 1 riser.

Distribution 4 terminals per floor: up to 20 monitors/telephones.

Extremely distanced outdoor panel. Located at a distance of approximately 500 metres.

119B - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).



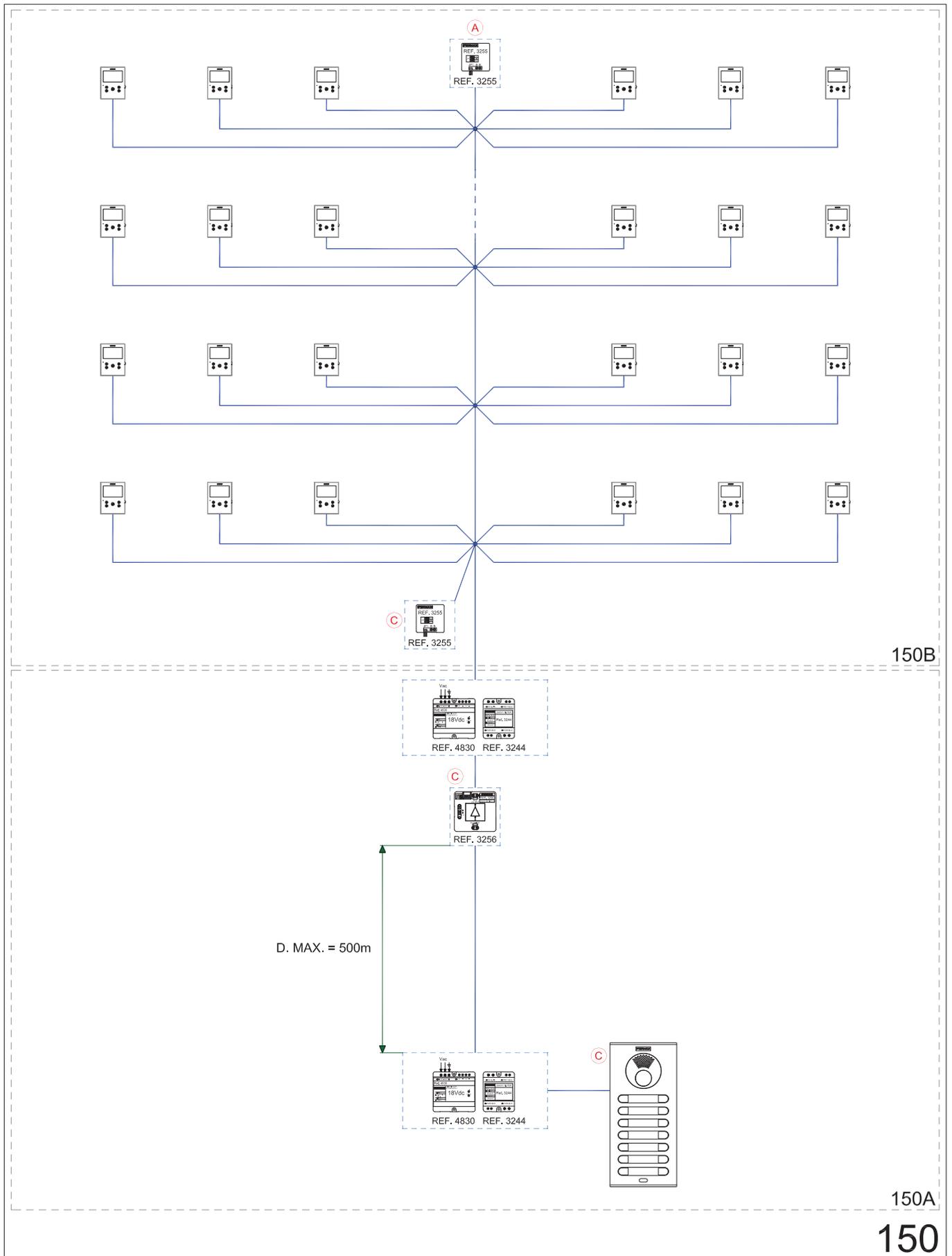
119B

1 video access with 1 riser.

Distribution 6 terminals per floor: up to 30 monitors/telephones.

Extremely distanced outdoor panel. Located at a distance of approximately 500 metres.

150 - SINGLE-LINE DIAGRAM.

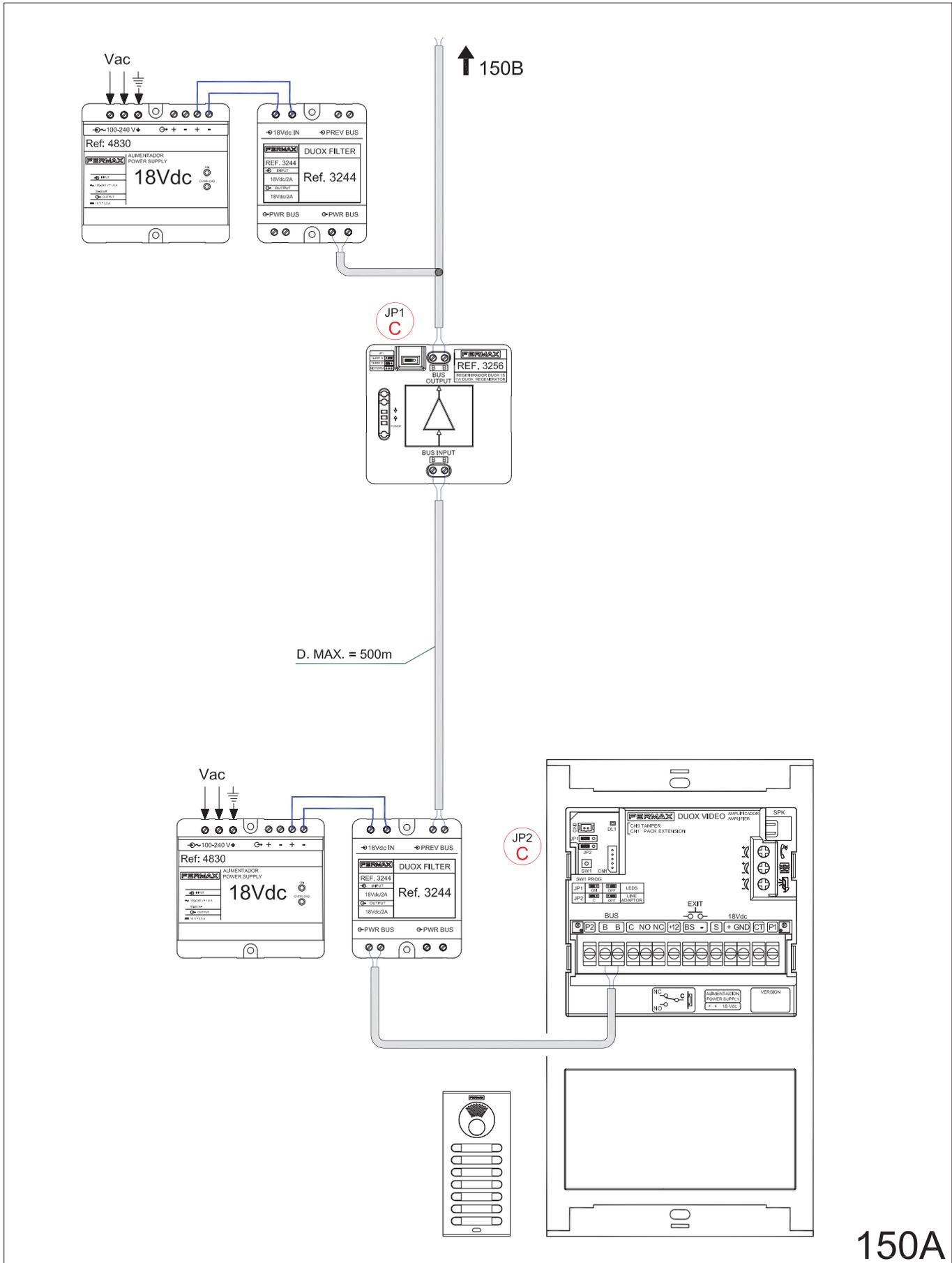


1 video access with 1 riser.

Distribution 6 terminals per floor: up to 30 monitors/telephones.

Extremely distanced outdoor panel. Located at a distance of approximately 500 metres.

150A - WIRING DIAGRAM. Connection detail: Outdoor panel - 1S regenerator - Power supply sets.



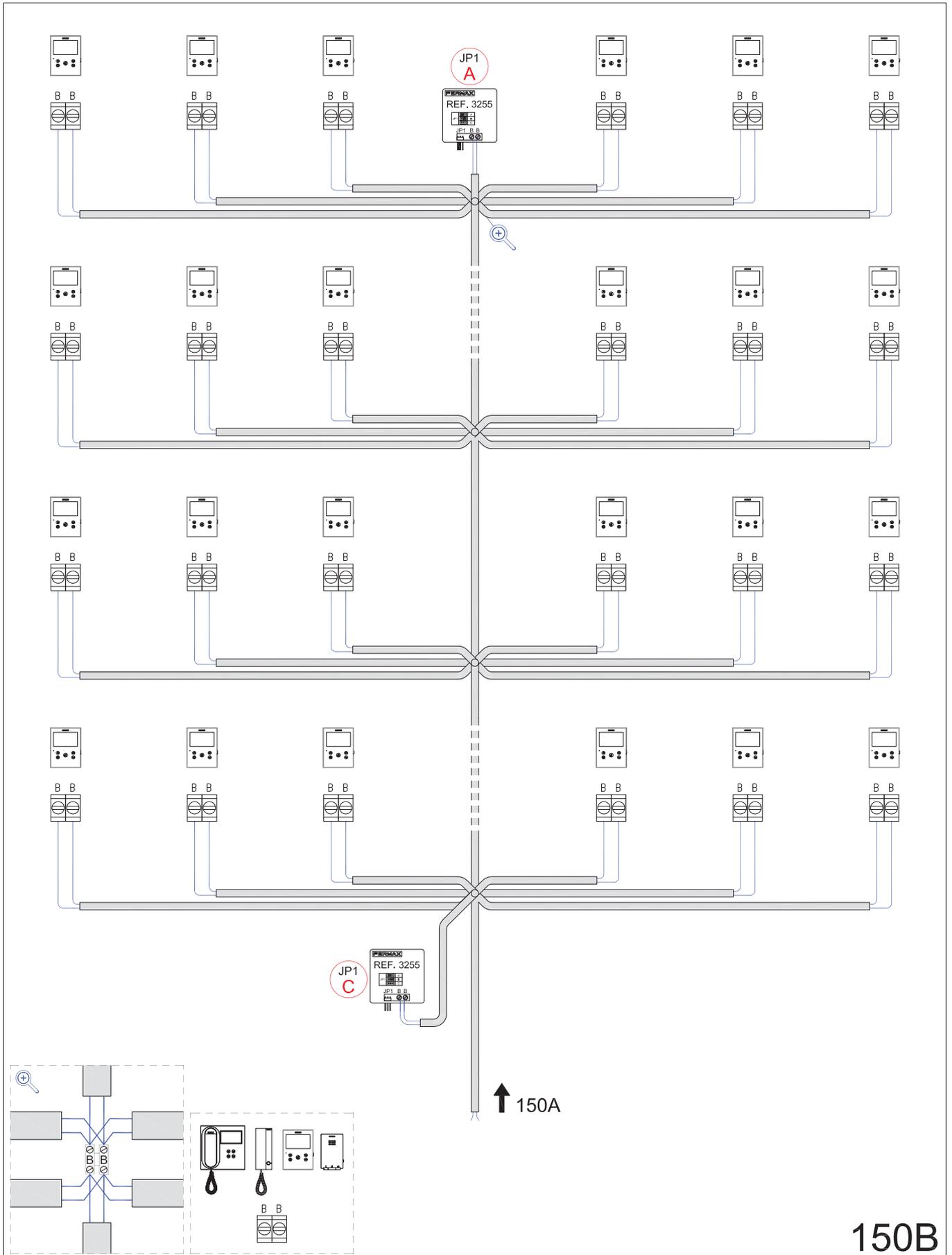
150A

1 video access with 1 riser.

Distribution 6 terminals per floor: up to 30 monitors/telephones.

Extremely distanced outdoor panel. Located at a distance of approximately 500 metres.

150B - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).

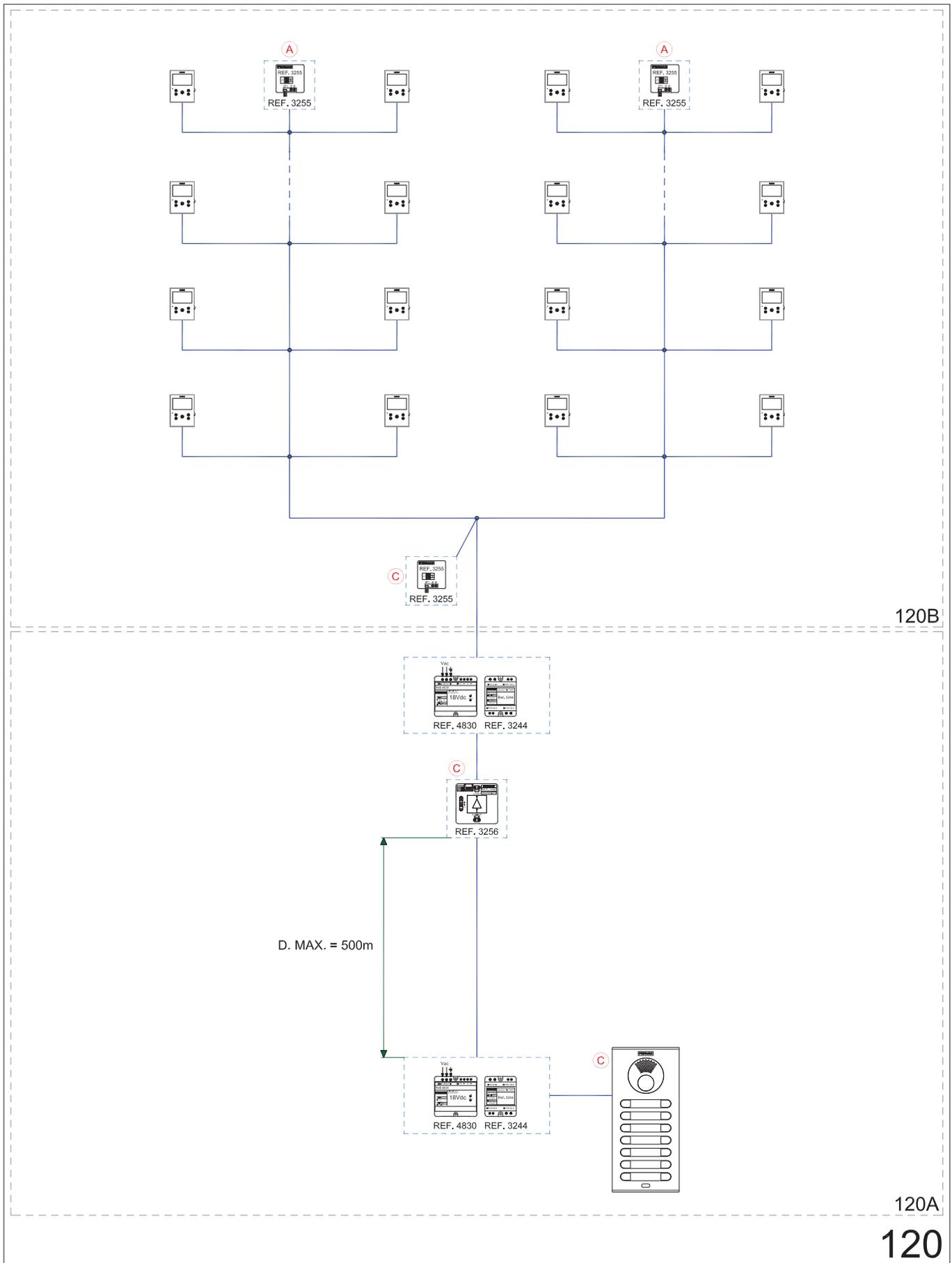


1 video access with 2 risers.

Distribution 2 terminals per floor: up to 20 monitors/telephones.

Extremely distanced outdoor panel. Located at a distance of approximately 500 metres.

120 - SINGLE-LINE DIAGRAM.



120B

120A

120

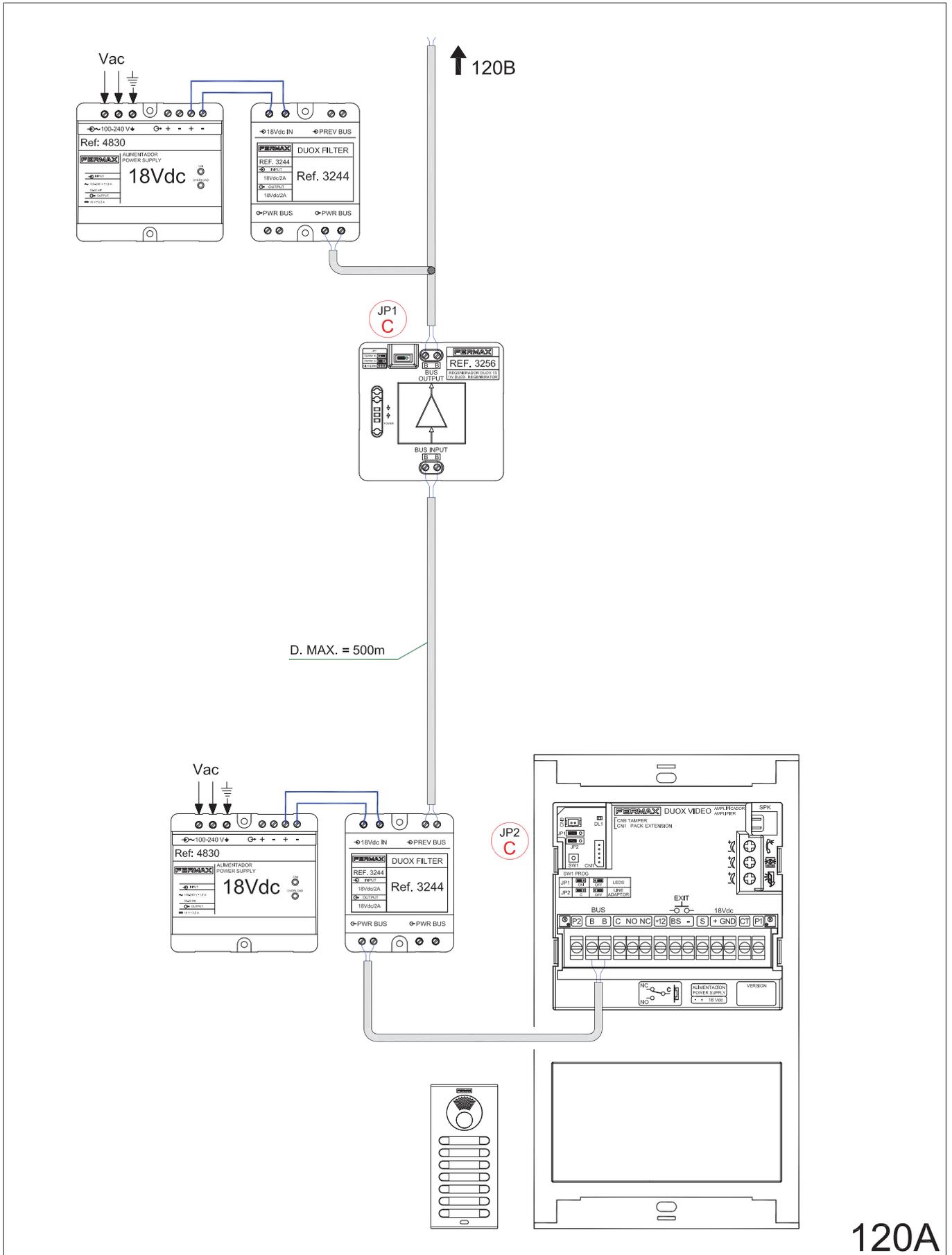
D. MAX. = 500m

1 video access with 2 risers.

Distribution 2 terminals per floor: up to 20 monitors/telephones.

Extremely distanced outdoor panel. Located at a distance of approximately 500 metres.

120A - WIRING DIAGRAM. Connection detail: Outdoor panel - 1S regenerator - Power supply sets.



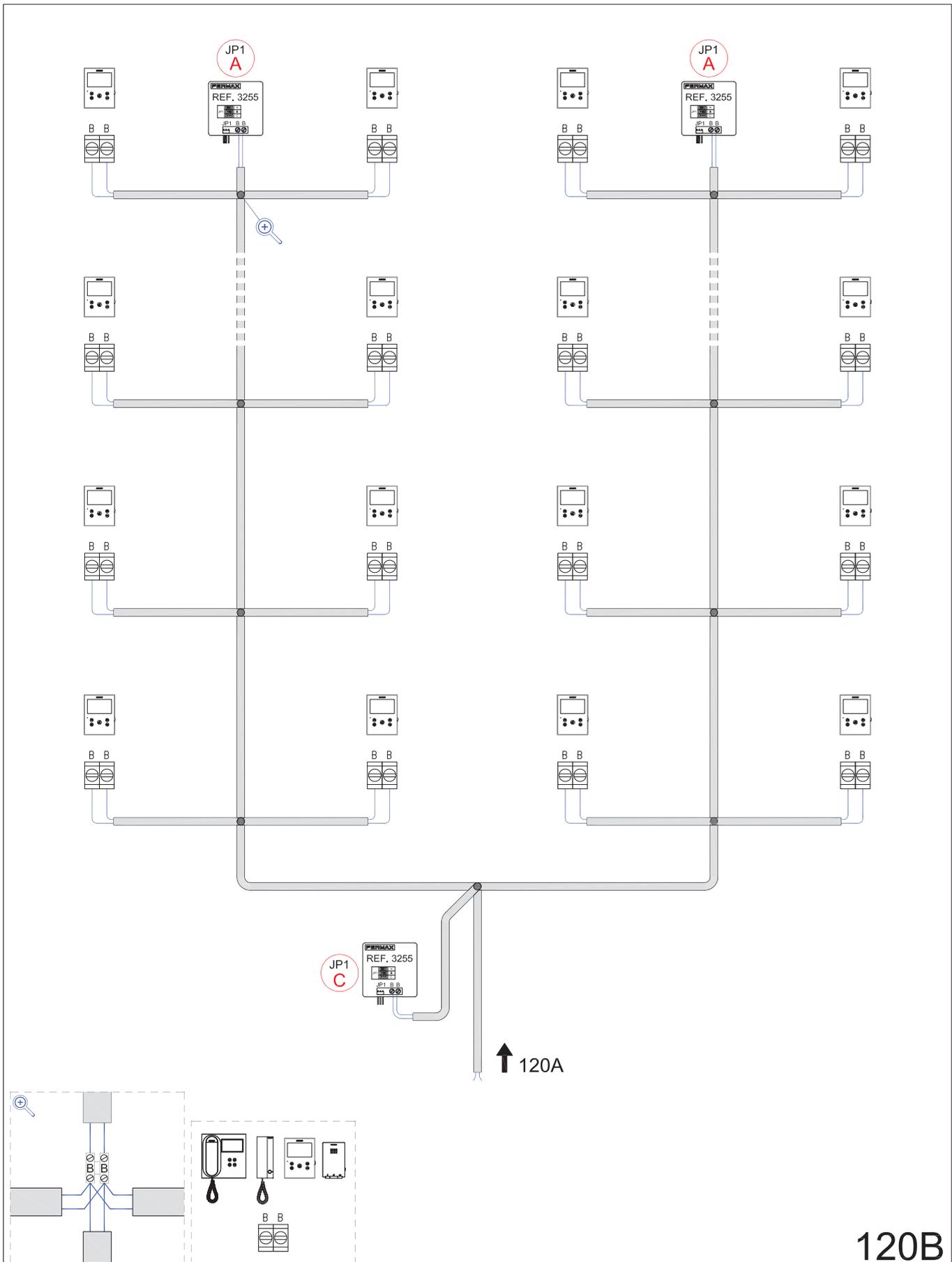
120A

1 video access with 2 risers.

Distribution 2 terminals per floor: up to 20 monitors/telephones.

Extremely distanced outdoor panel. Located at a distance of approximately 500 metres.

120B - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).



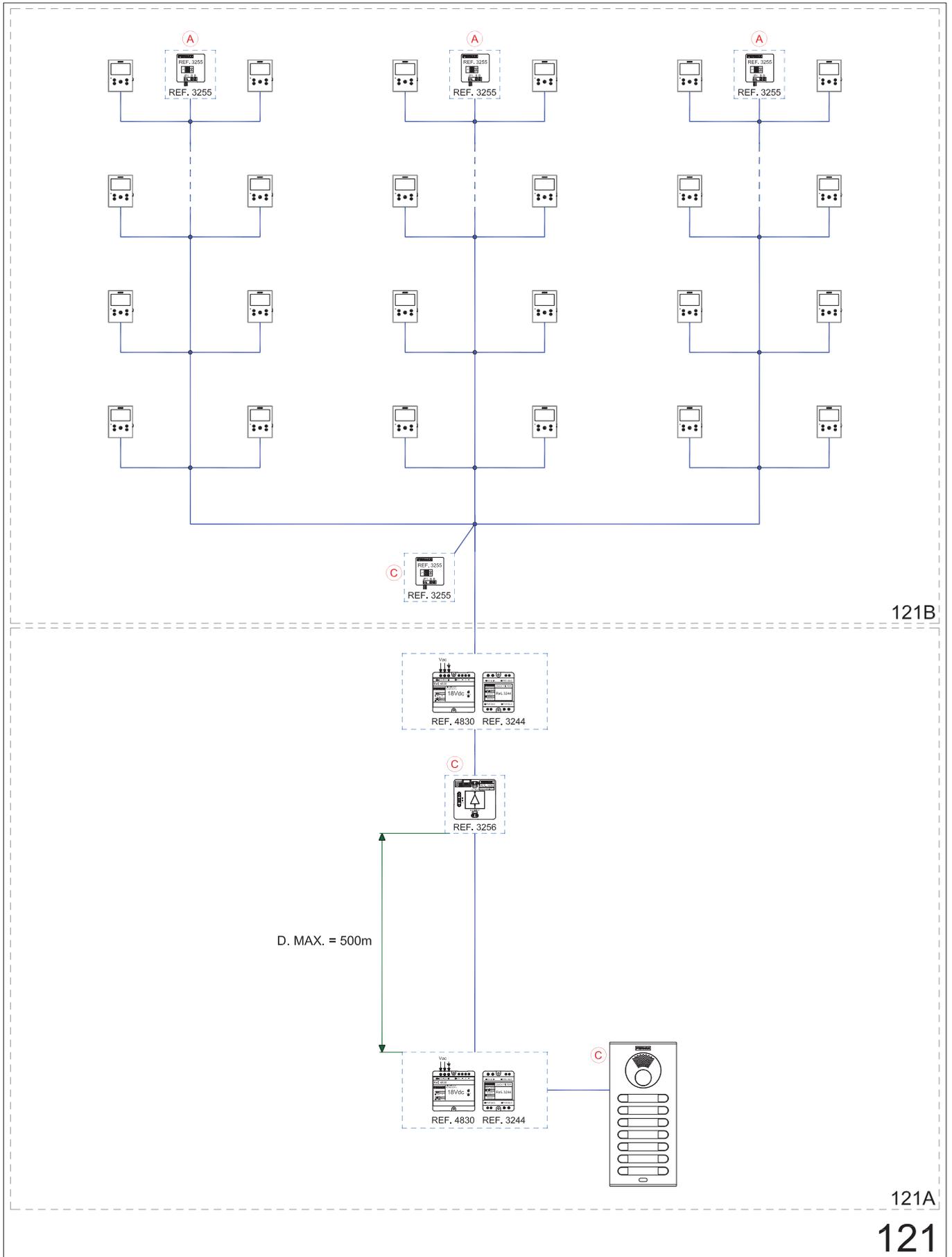
120B

1 video access with 3 risers.

Distribution 2 terminals per floor: up to 30 monitors/telephones.

Extremely distanced outdoor panel. Located at a distance of approximately 500 metres.

121 - SINGLE-LINE DIAGRAM.



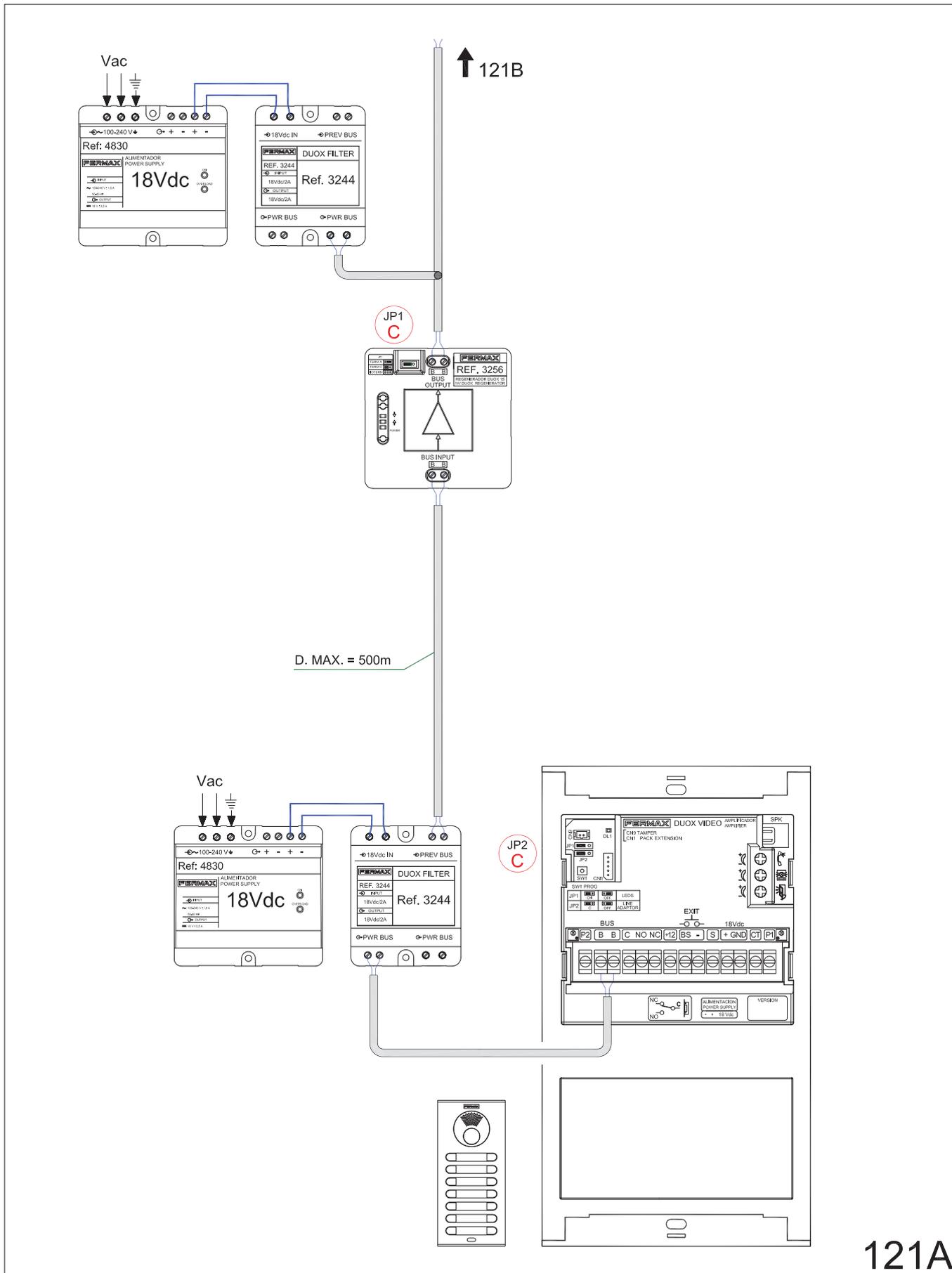
121A
121

1 video access with 3 risers.

Distribution 2 terminals per floor: up to 30 monitors/telephones.

Extremely distanced outdoor panel. Located at a distance of approximately 500 metres.

121A - WIRING DIAGRAM. Connection detail: Outdoor panel - 1S regenerator - Power supply sets.



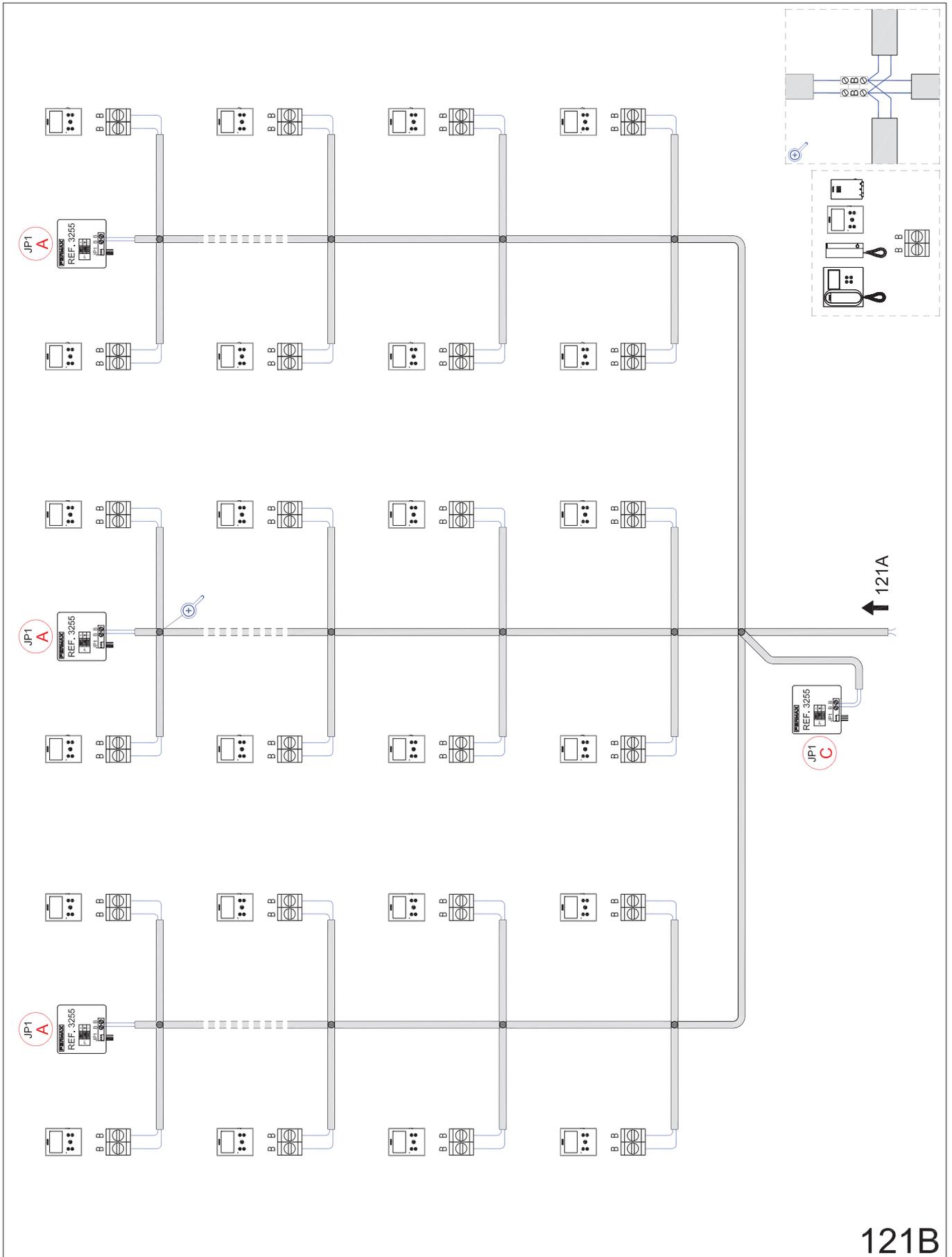
121A

1 video access with 3 risers.

Distribution 2 terminals per floor: up to 30 monitors/telephones.

Extremely distanced outdoor panel. Located at a distance of approximately 500 metres.

121B - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).

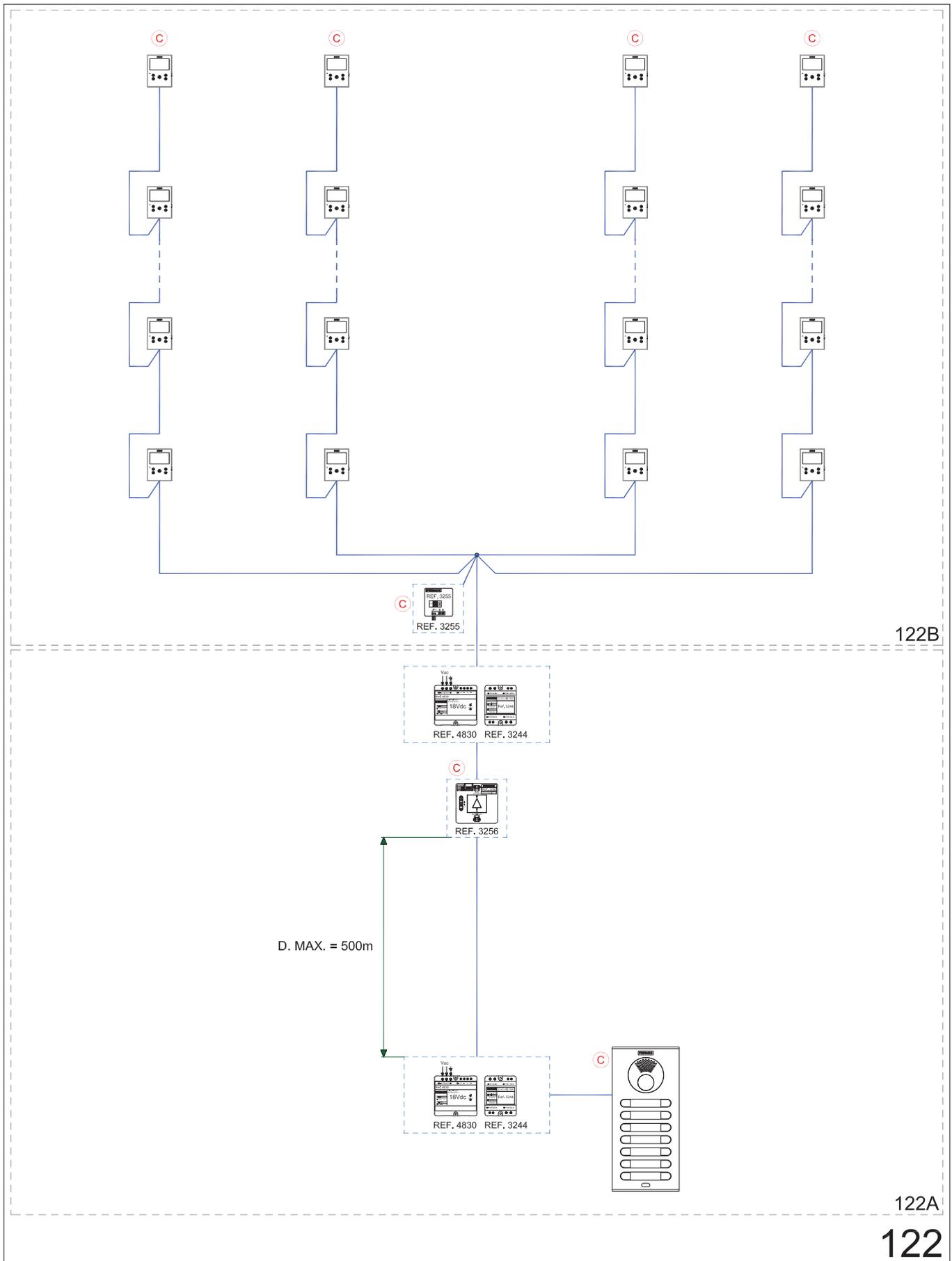


1 video access with 4 risers.

Cascade: up to 24 monitors/telephones.

Extremely distanced outdoor panel. Located at a distance of approximately 500 metres.

122 - SINGLE-LINE DIAGRAM.

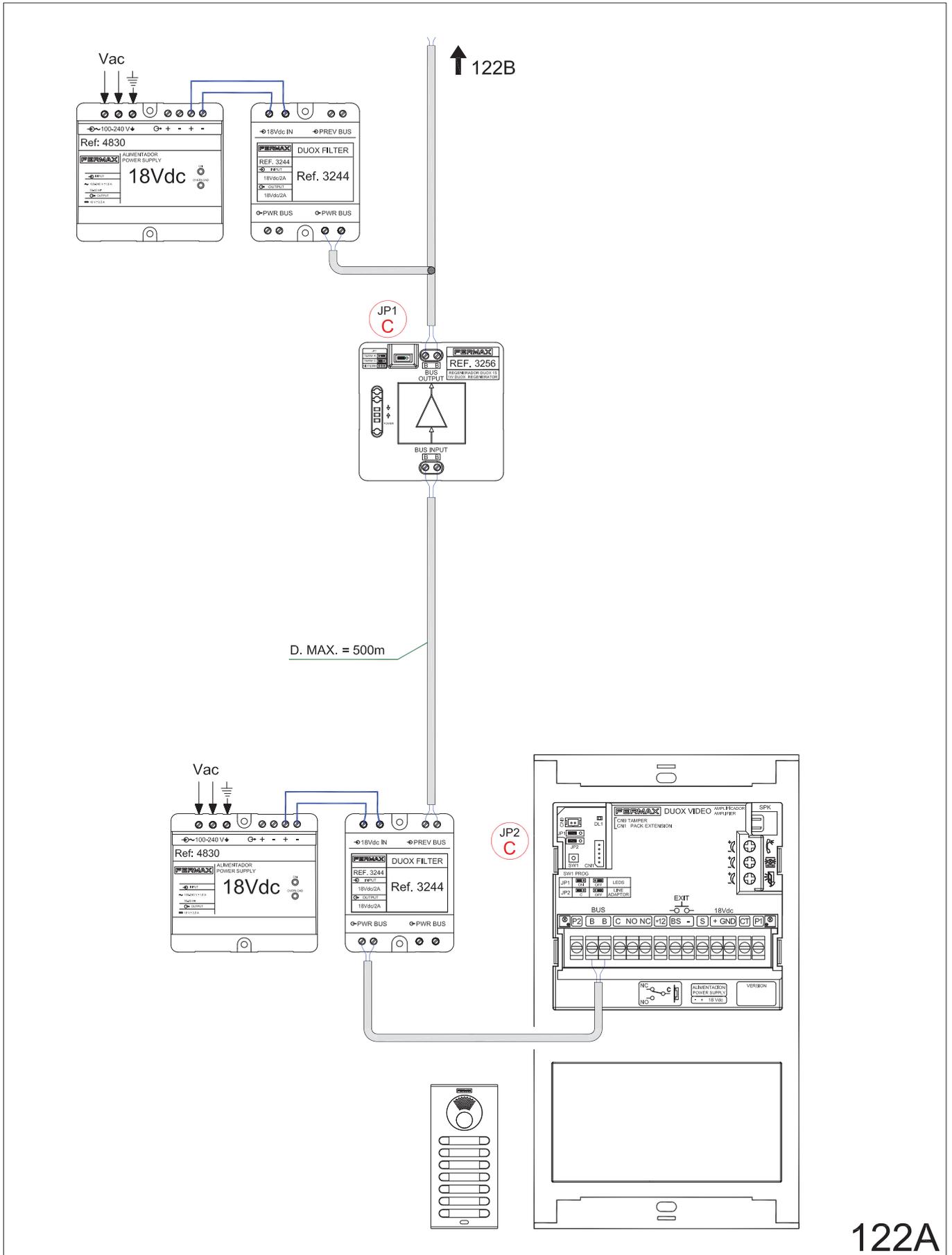


1 video access with 4 risers.

Cascade: up to 24 monitors/telephones.

Extremely distanced outdoor panel. Located at a distance of approximately 500 metres.

122A - WIRING DIAGRAM. Connection detail: Outdoor panel - 1S regenerator - Power supply sets.



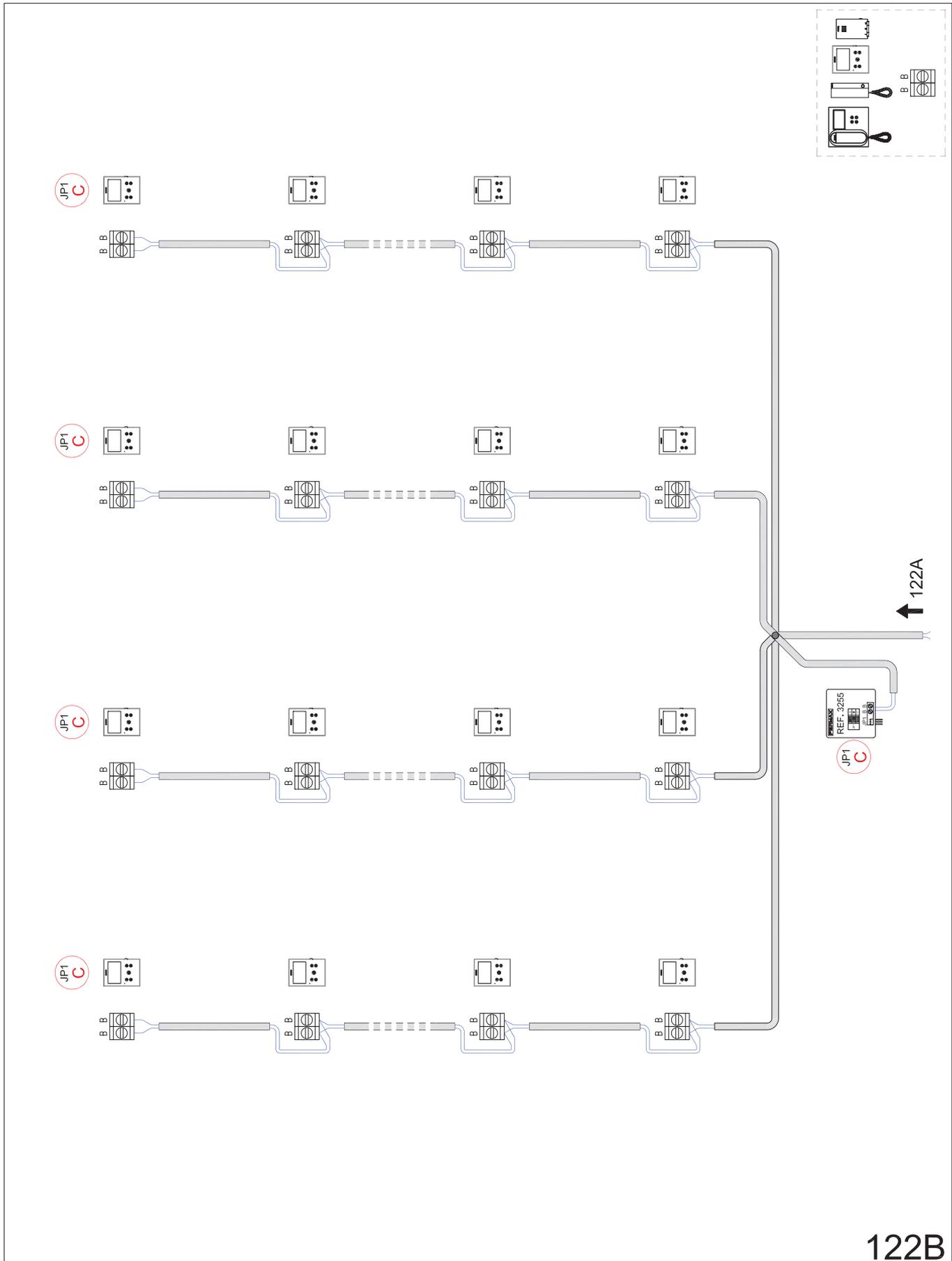
122A

1 video access with 4 risers.

Cascade: up to 24 monitors/telephones.

Extremely distanced outdoor panel. Located at a distance of approximately 500 metres.

122B - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).



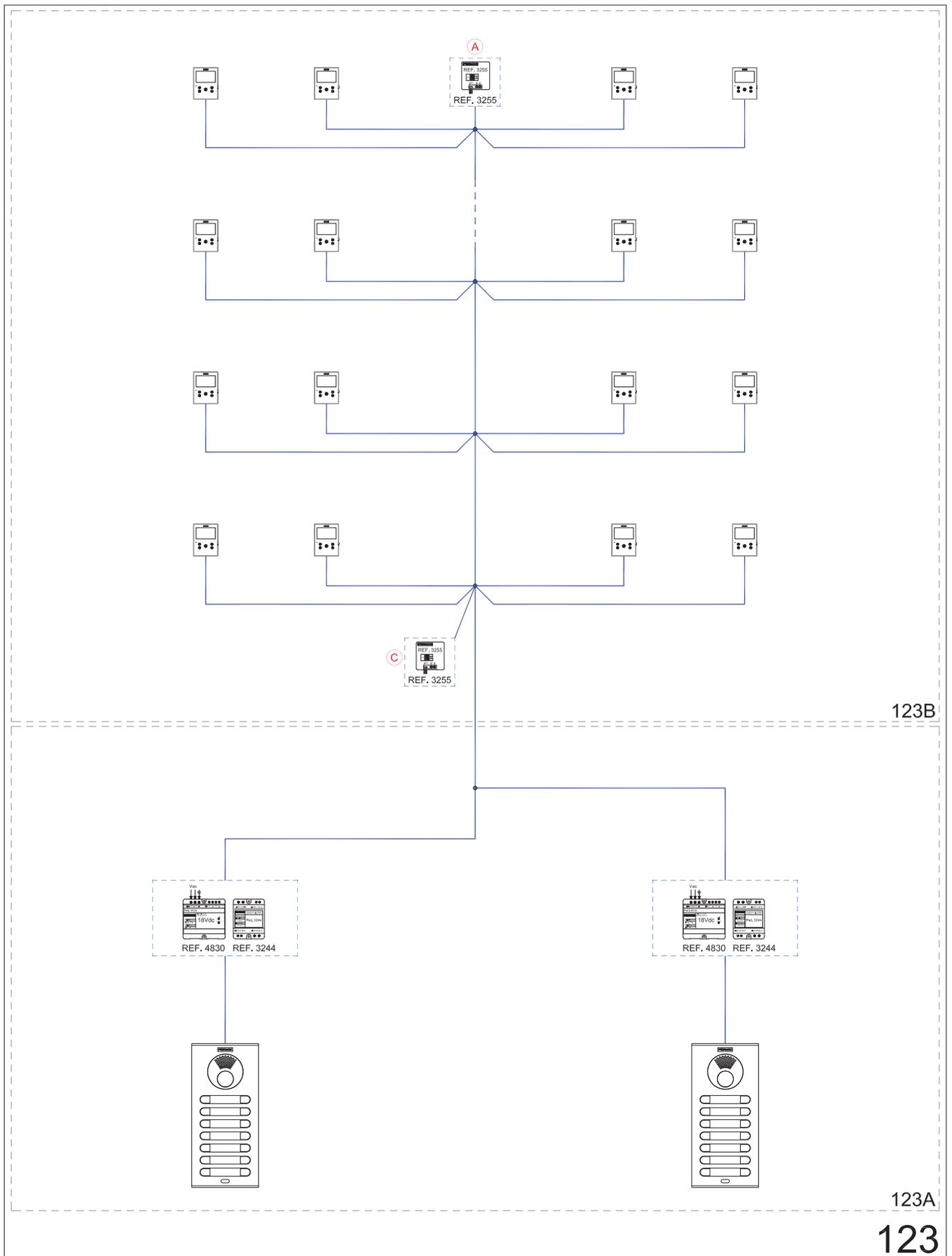
122B

2.3.2 BLOCK DIAGRAM WITH 2 VIDEO ACCESSES

2 video accesses with 1 riser.

Distribution 4 terminals per floor: up to 20 monitors/telephones.

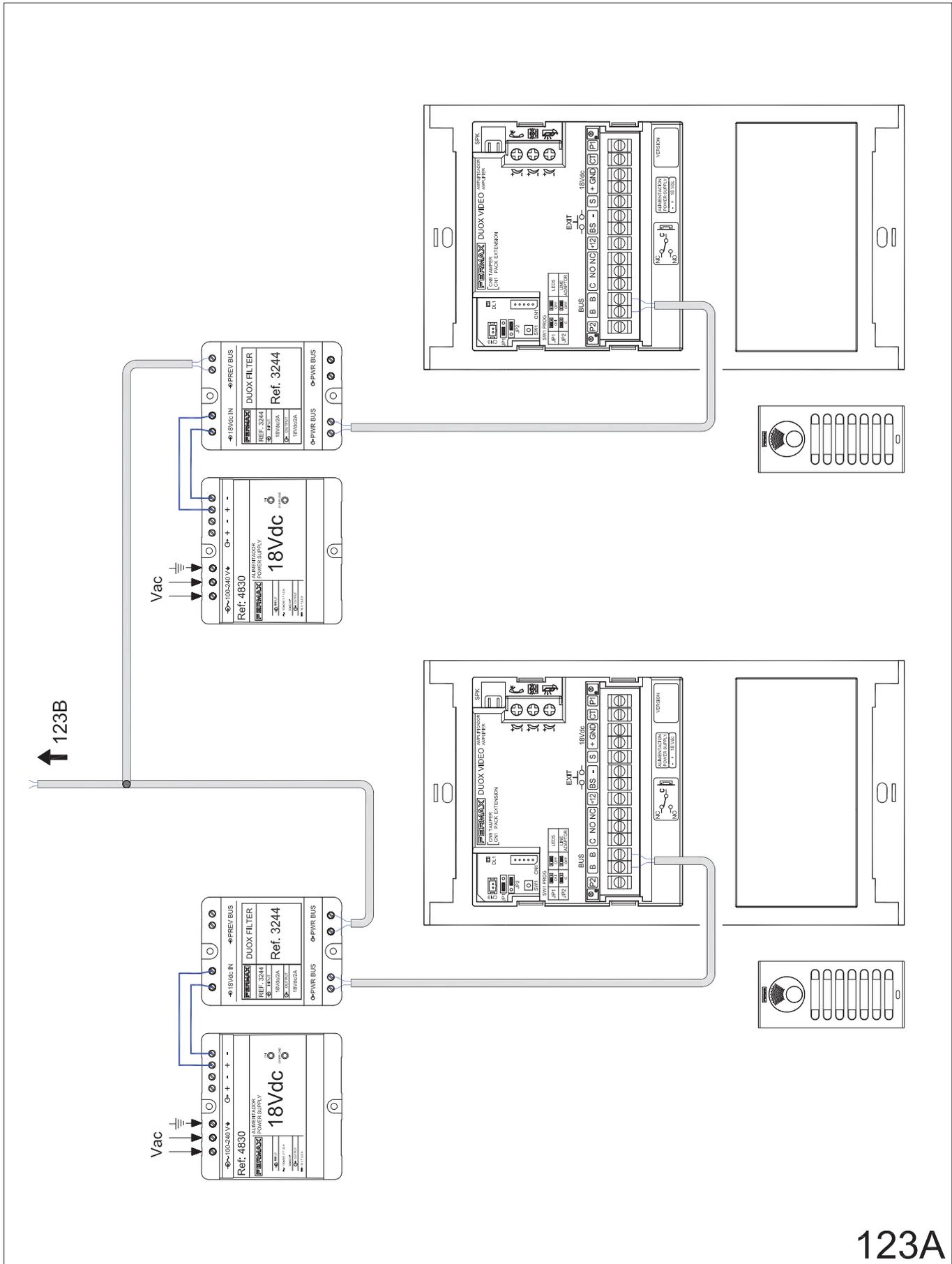
123 - SINGLE-LINE DIAGRAM.



2 video accesses with 1 riser.

Distribution 4 terminals per floor: up to 20 monitors/telephones.

123A - WIRING DIAGRAM. Connection detail: Outdoor panels - Power supply sets.

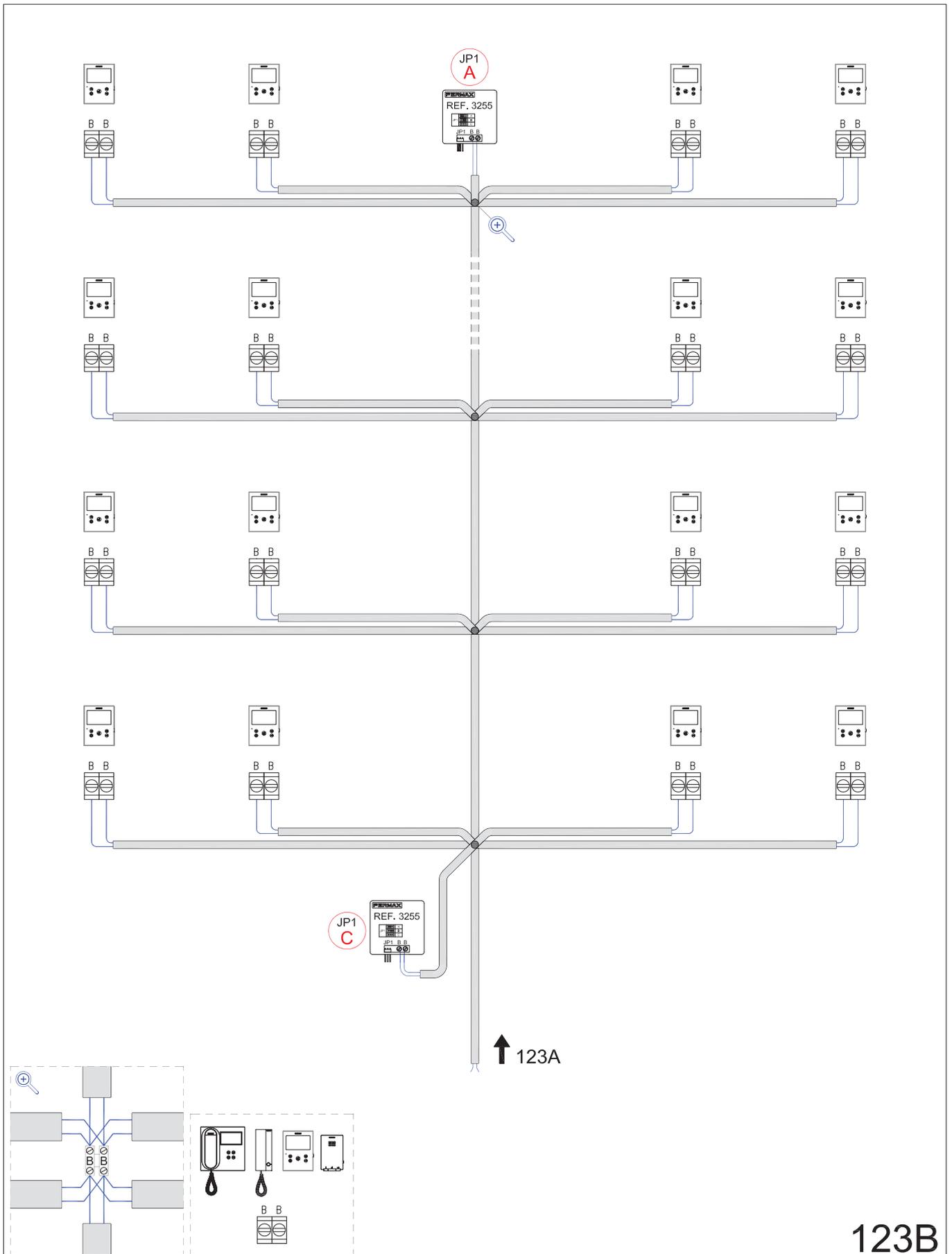


123A

2 video accesses with 1 riser.

Distribution 4 terminals per floor: up to 20 monitors/telephones.

123B - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).

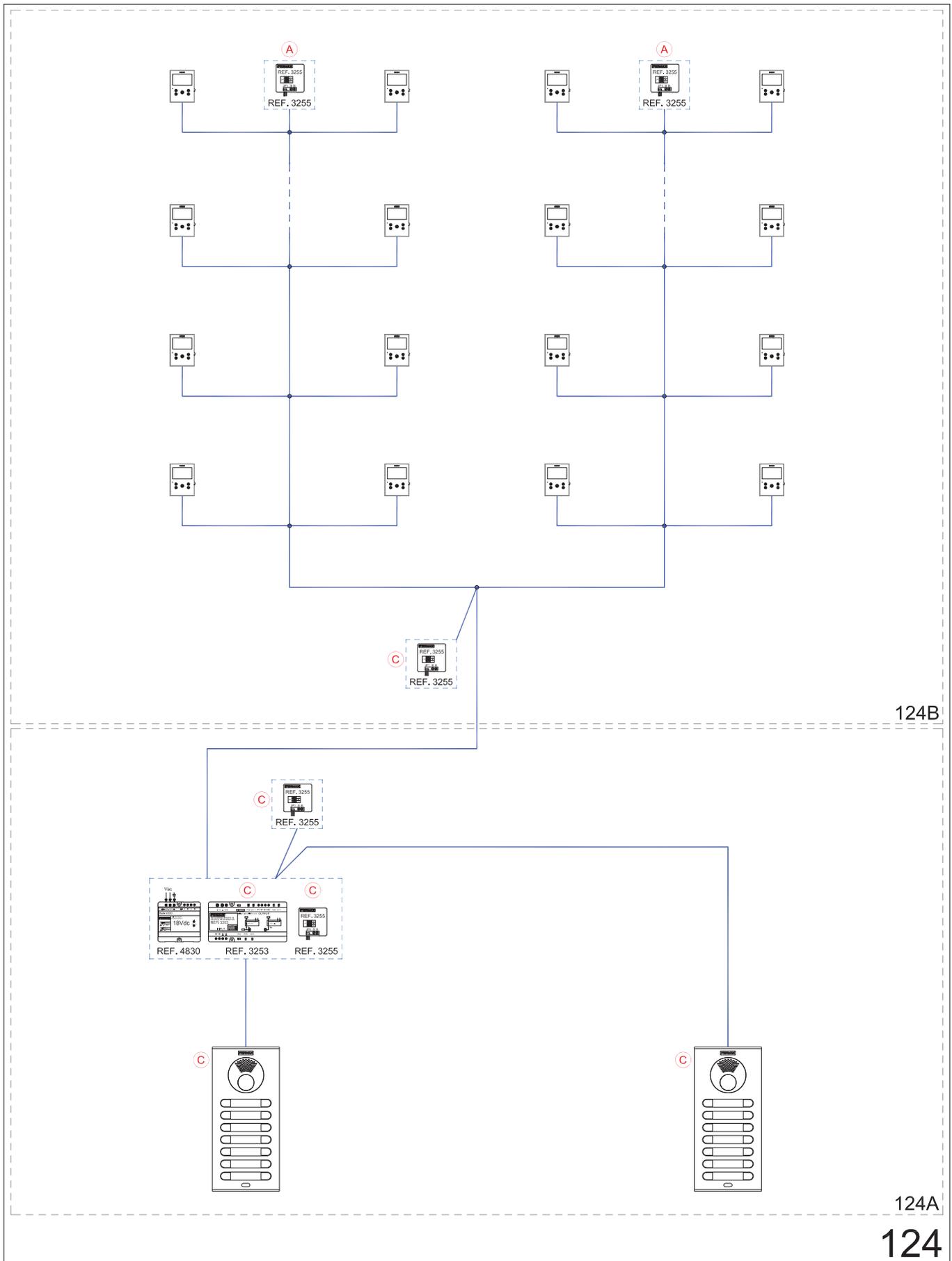


123B

2 video accesses with 2 risers.

Distribution 2 terminals per floor: up to 20 monitors/telephones.

124 - SINGLE-LINE DIAGRAM.

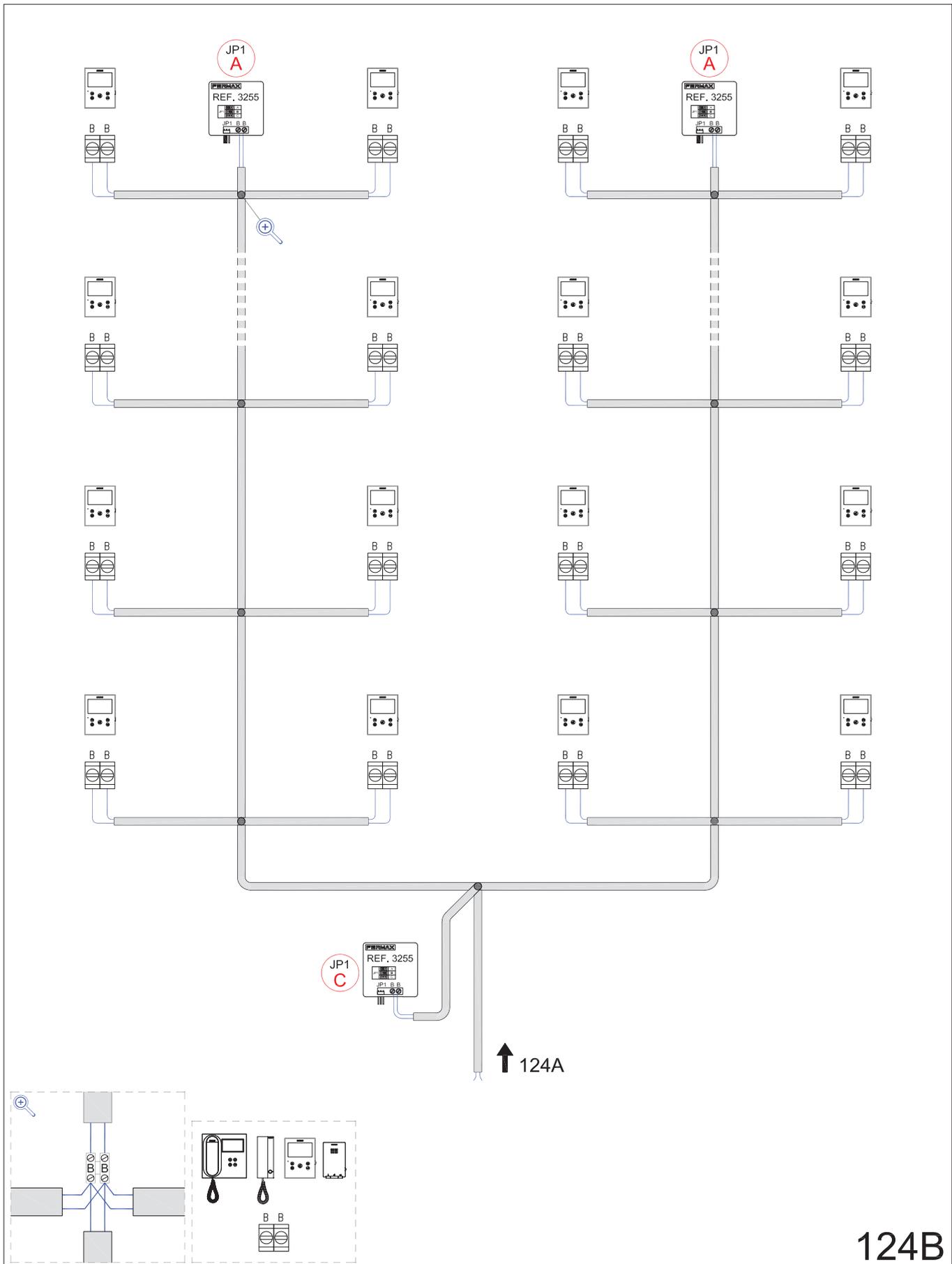


124A
124

2 video accesses with 2 risers.

Distribution 2 terminals per floor: up to 20 monitors/telephones.

124B - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).

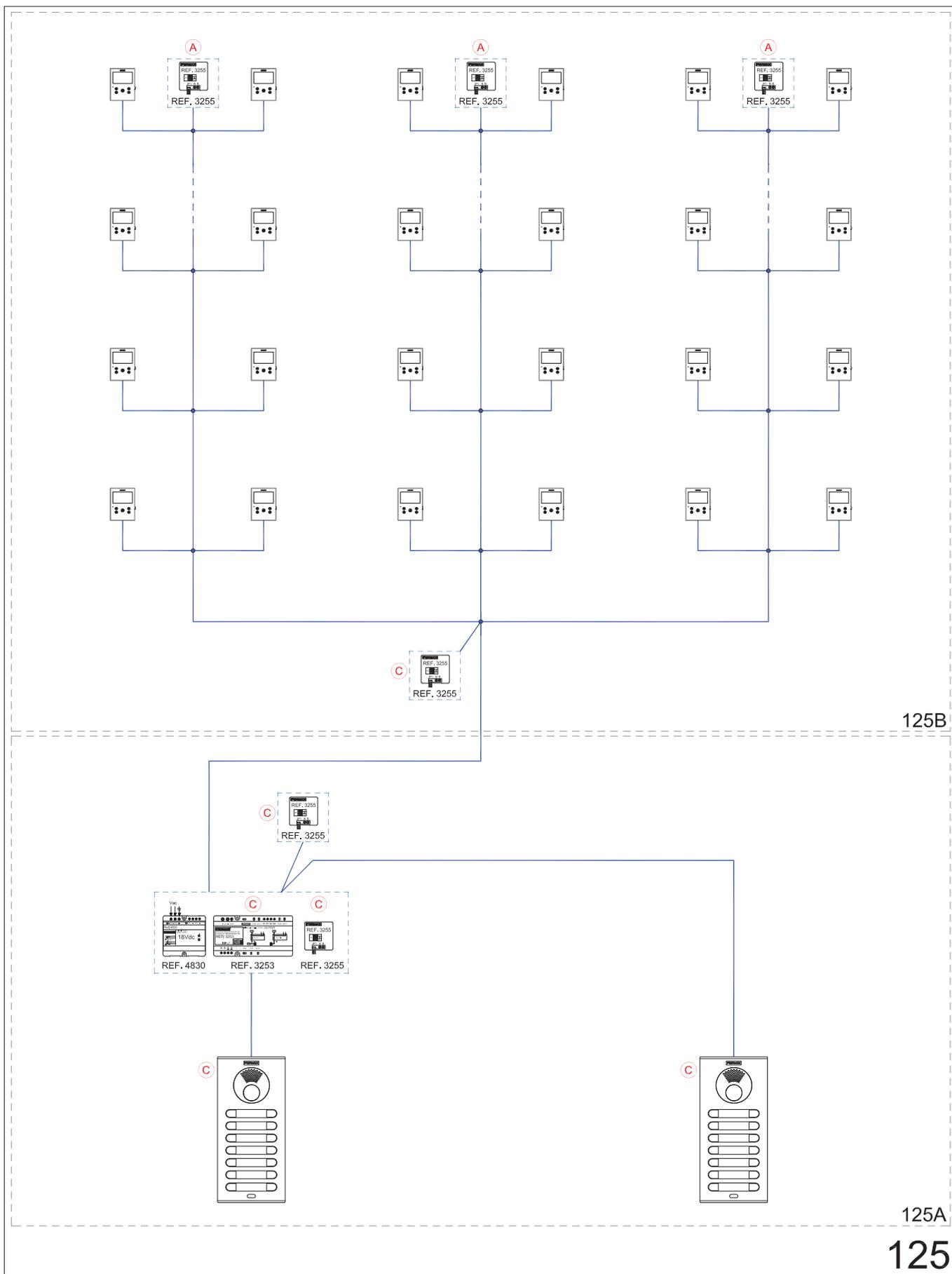


124B

2 video accesses with 3 risers.

Distribution 2 terminals per floor: up to 30 monitors/telephones.

125 - SINGLE-LINE DIAGRAM.

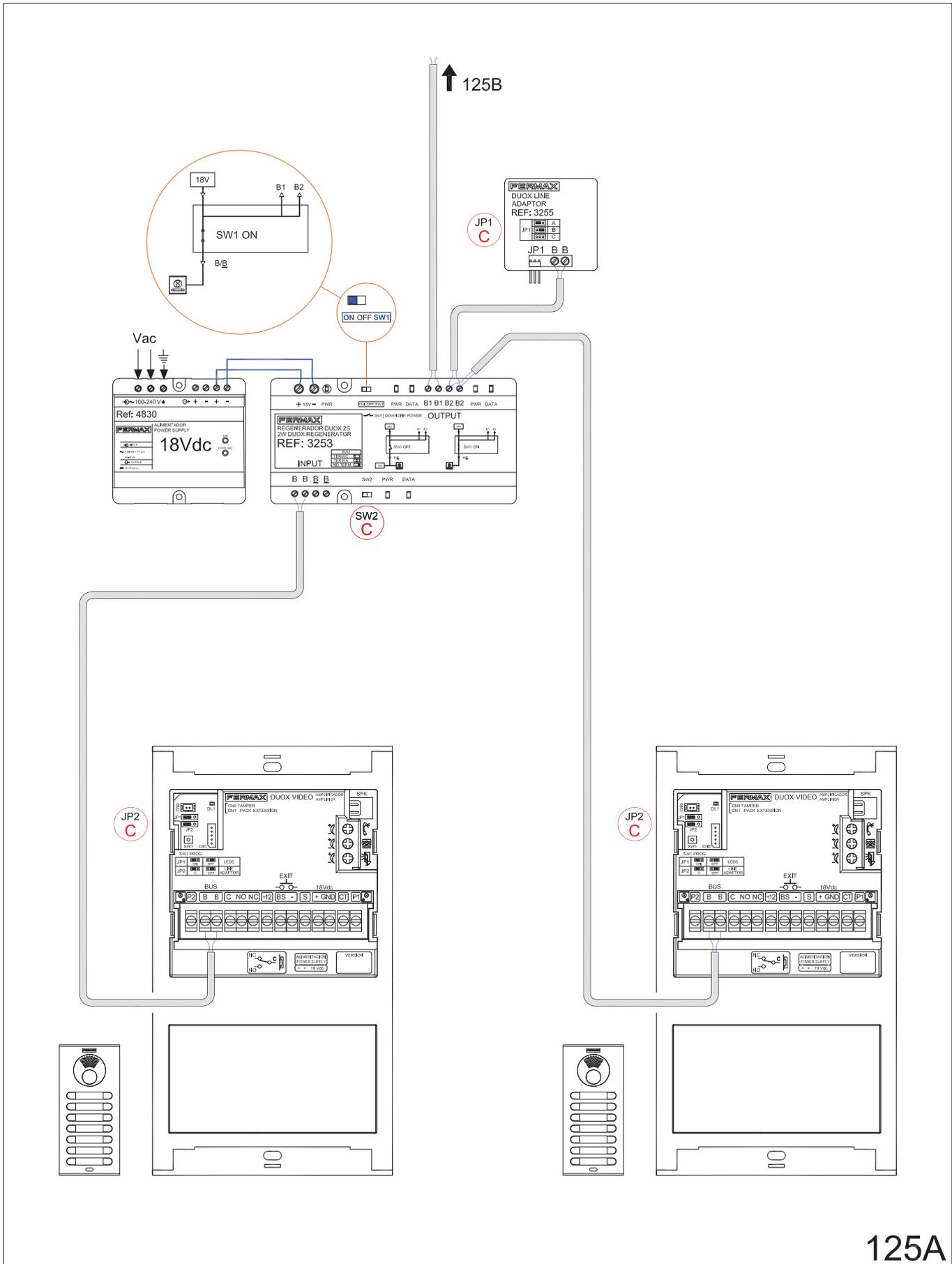


125A
125

2 video accesses with 3 risers.

Distribution 2 terminals per floor: up to 30 monitors/telephones.

125A - WIRING DIAGRAM. Connection detail: Outdoor panels - 2S regenerator+Power supply - Line adapter.

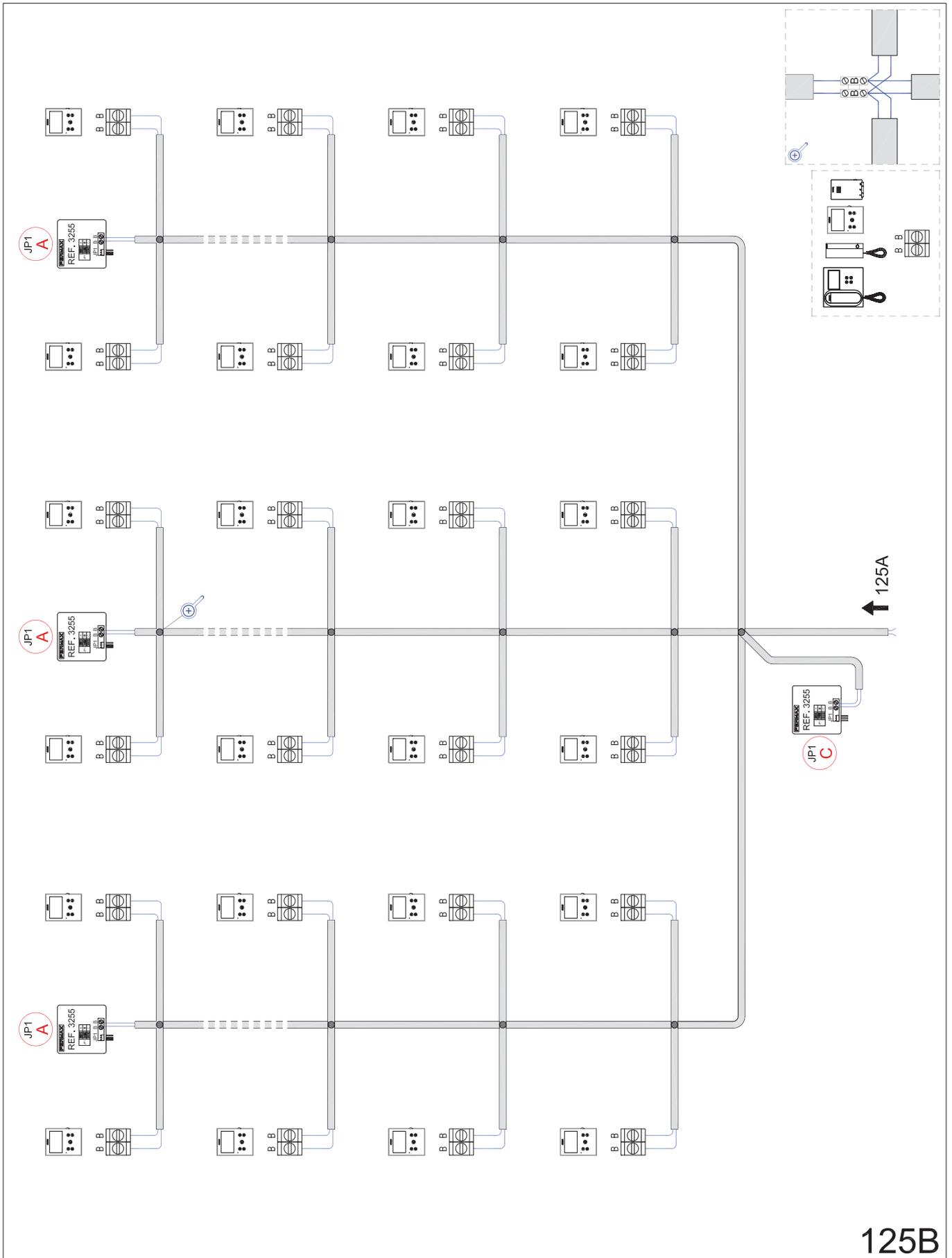


125A

2 video accesses with 3 risers.

Distribution 2 terminals per floor: up to 30 monitors/telephones.

125B - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).

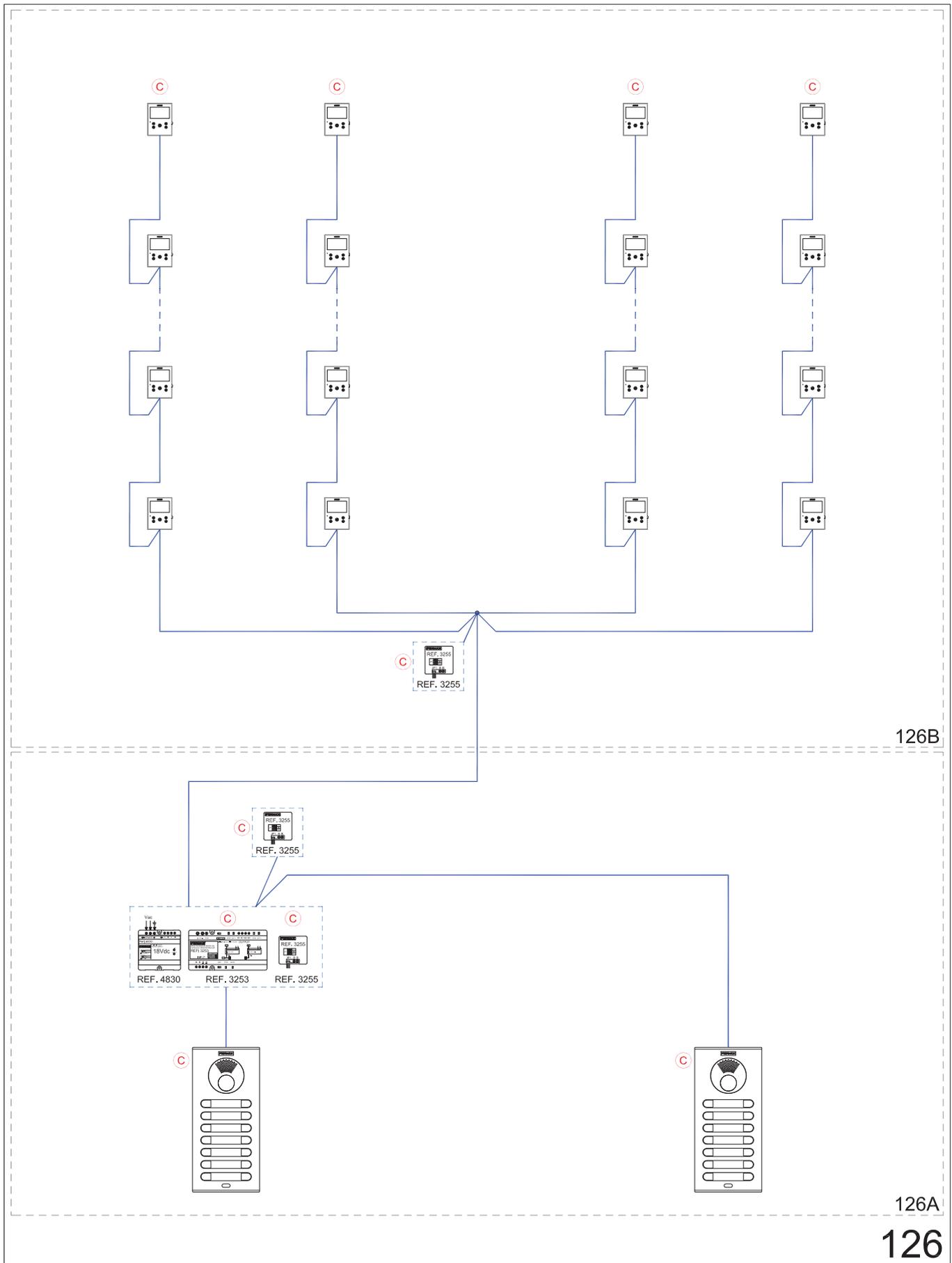


125B

2 video accesses with 4 risers.

Cascade: up to 24 monitors/telephones.

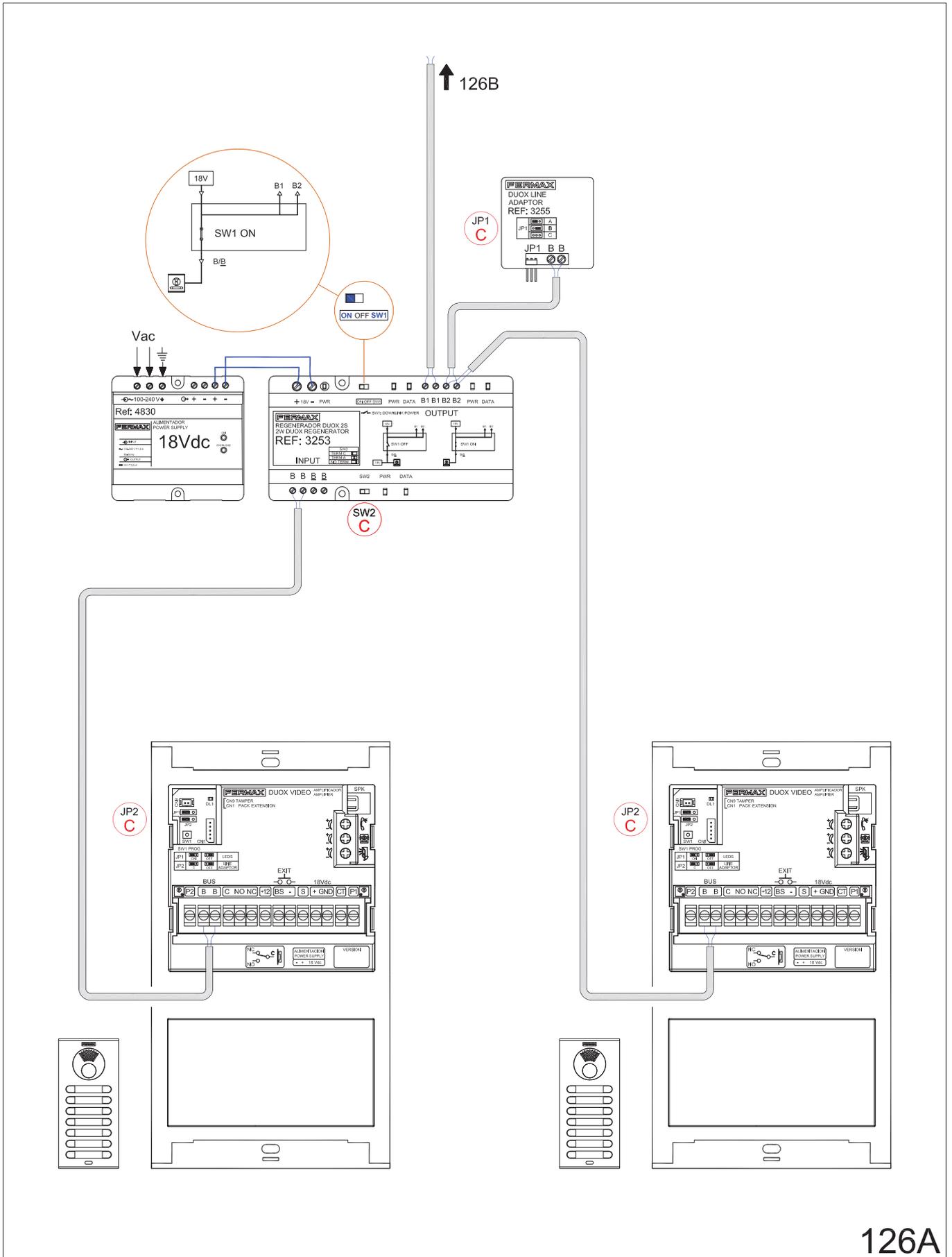
126 - SINGLE-LINE DIAGRAM.



2 video accesses with 4 risers.

Cascade: up to 24 monitors/telephones.

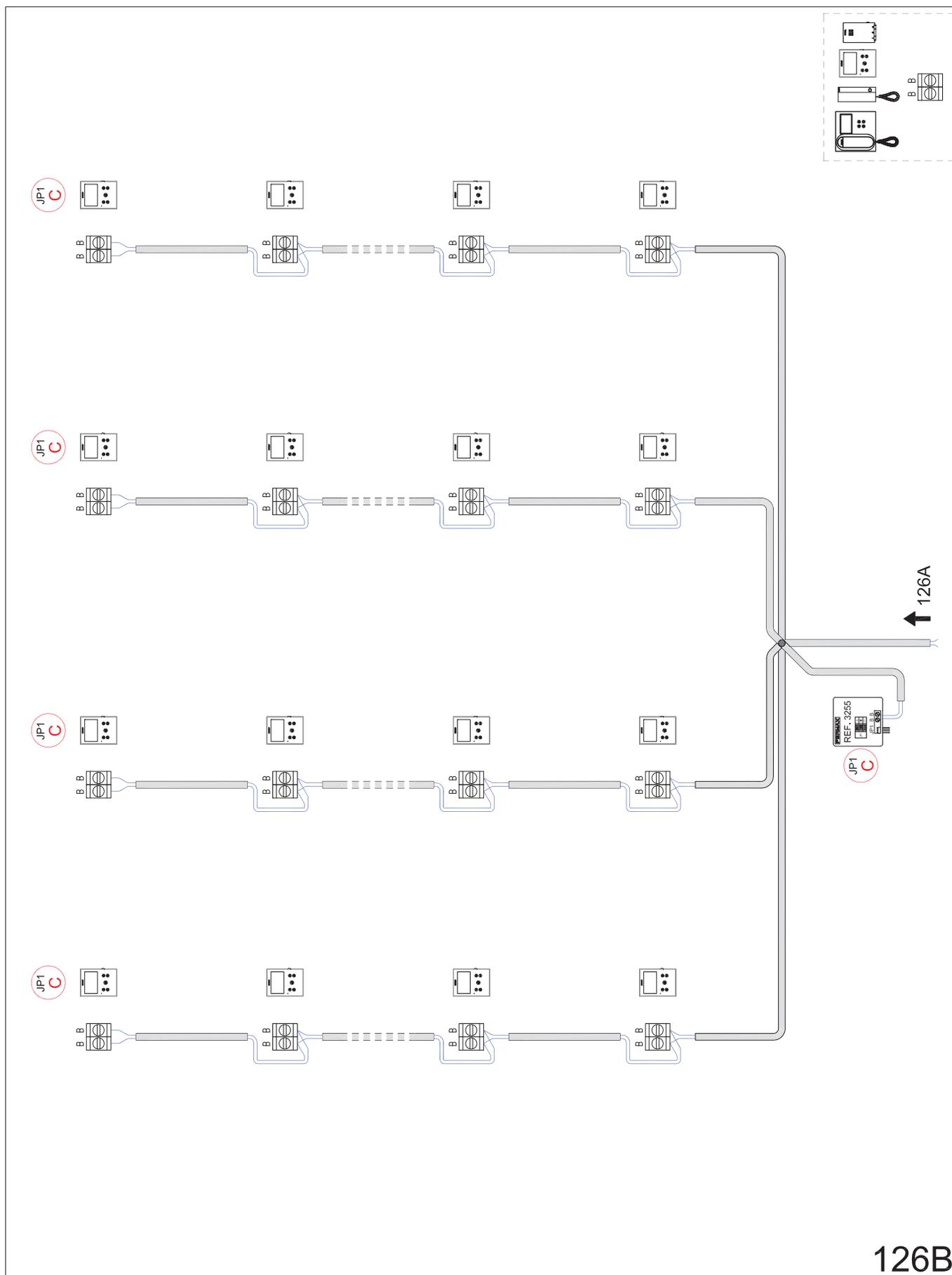
126A - WIRING DIAGRAM. Connection detail: Outdoor panels - 2S regenerator+Power supply - Line adapter.



2 video accesses with 4 risers.

Cascade: up to 24 monitors/telephones.

126B - WIRING DIAGRAM. Connection detail: Connection detail: Floors (Terminals - Line adapter).

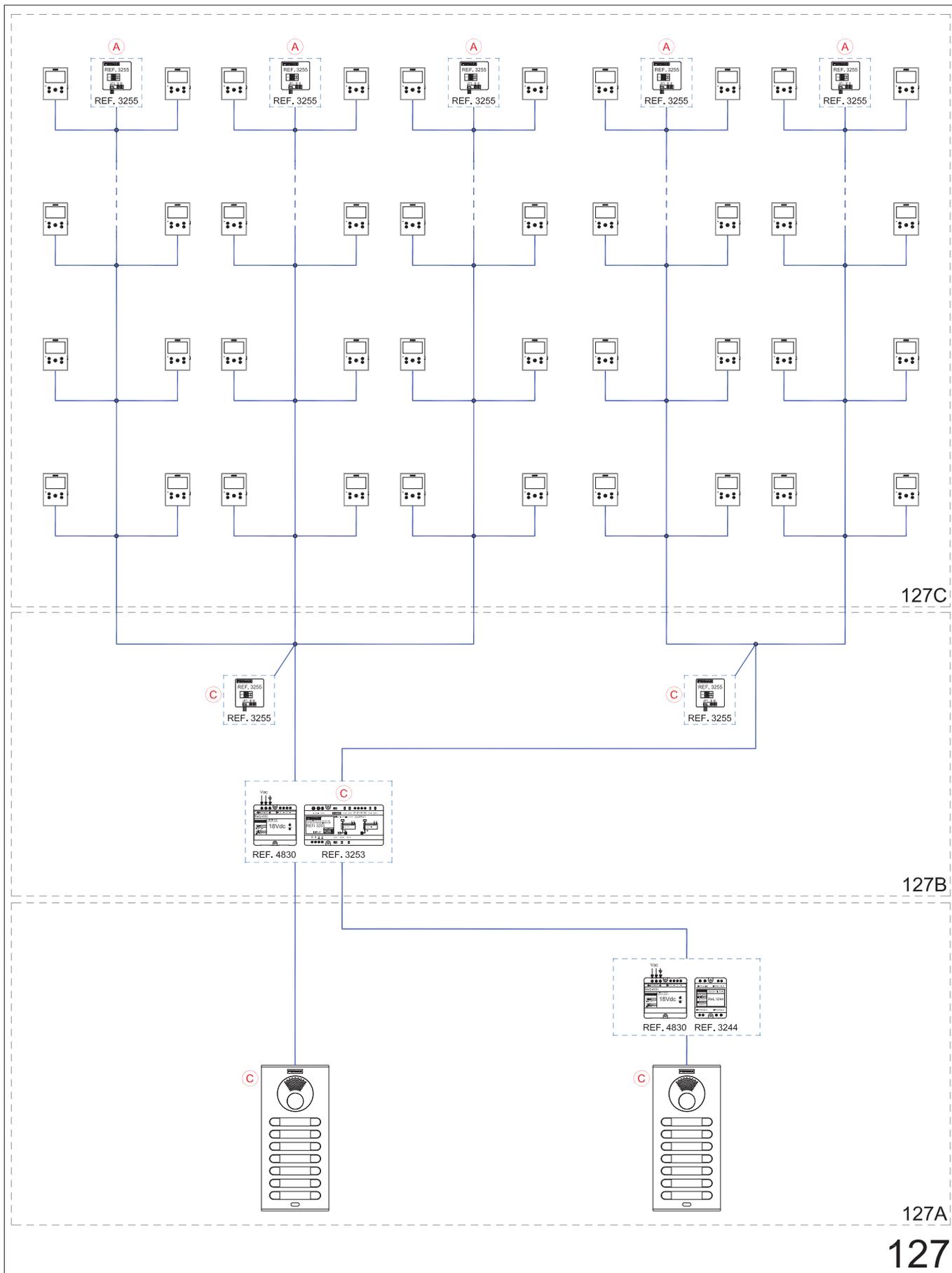


126B

2 video accesses with 5 risers.

Distribution 2 terminals per floor: up to 50 monitors/telephones.

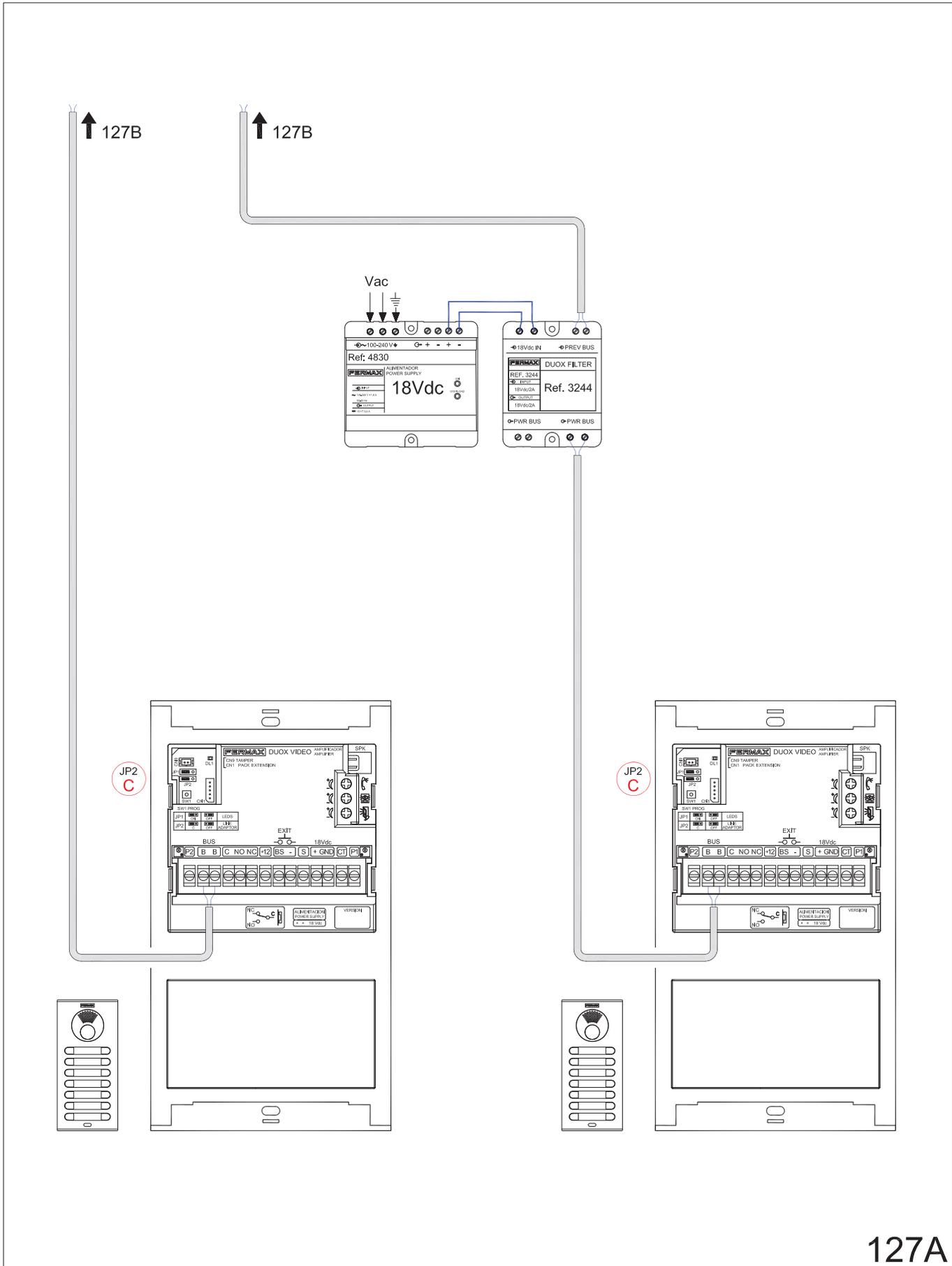
127 - SINGLE-LINE DIAGRAM.



2 video accesses with 5 risers.

Distribution 2 terminals per floor: up to 50 monitors/telephones.

127A - WIRING DIAGRAM. Connection detail: Outdoor panels - Power supply set.

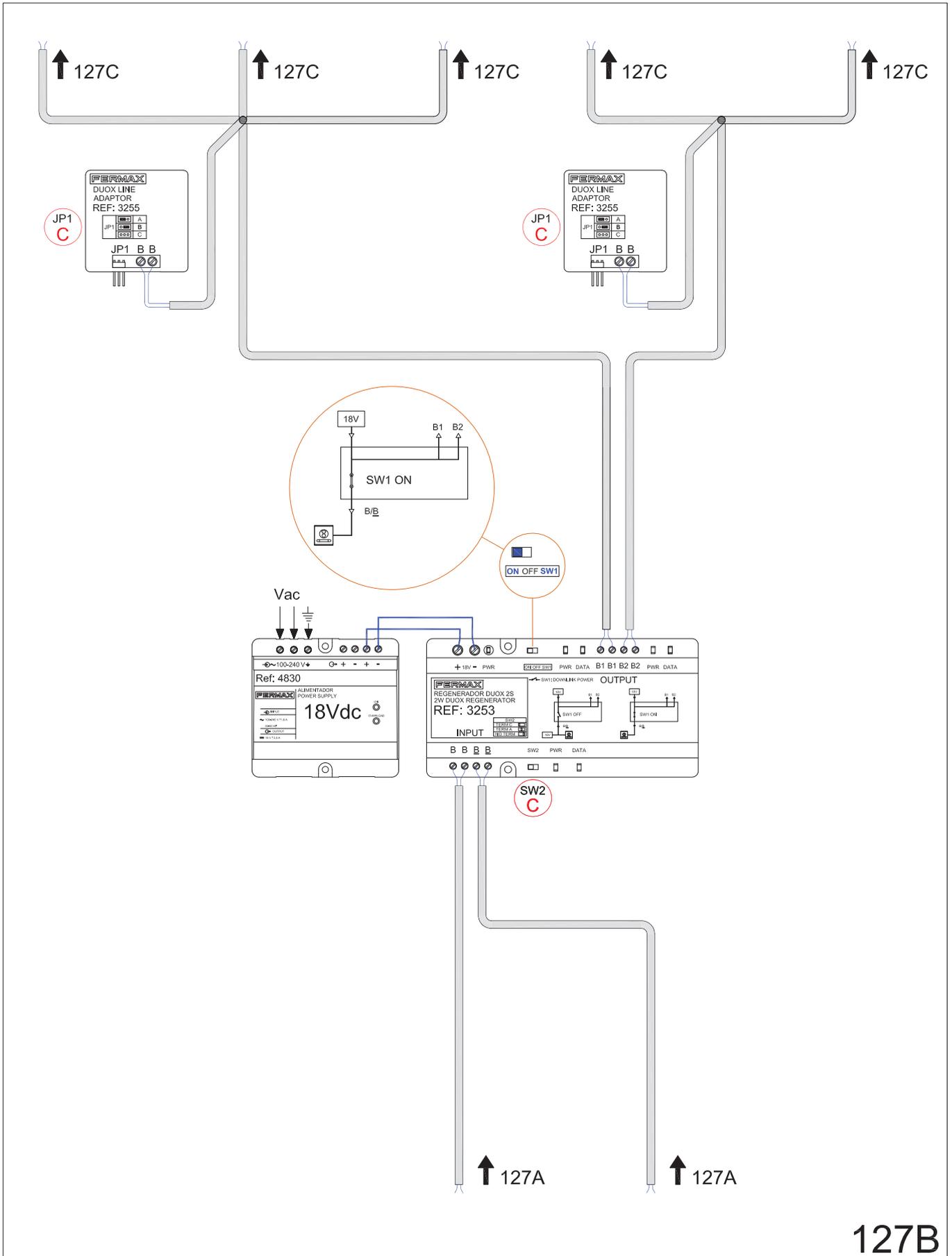


127A

2 video accesses with 5 risers.

Distribution 2 terminals per floor: up to 50 monitors/telephones.

127B - WIRING DIAGRAM. Connection detail: 2S regenerator+Power supply - Line adapters.

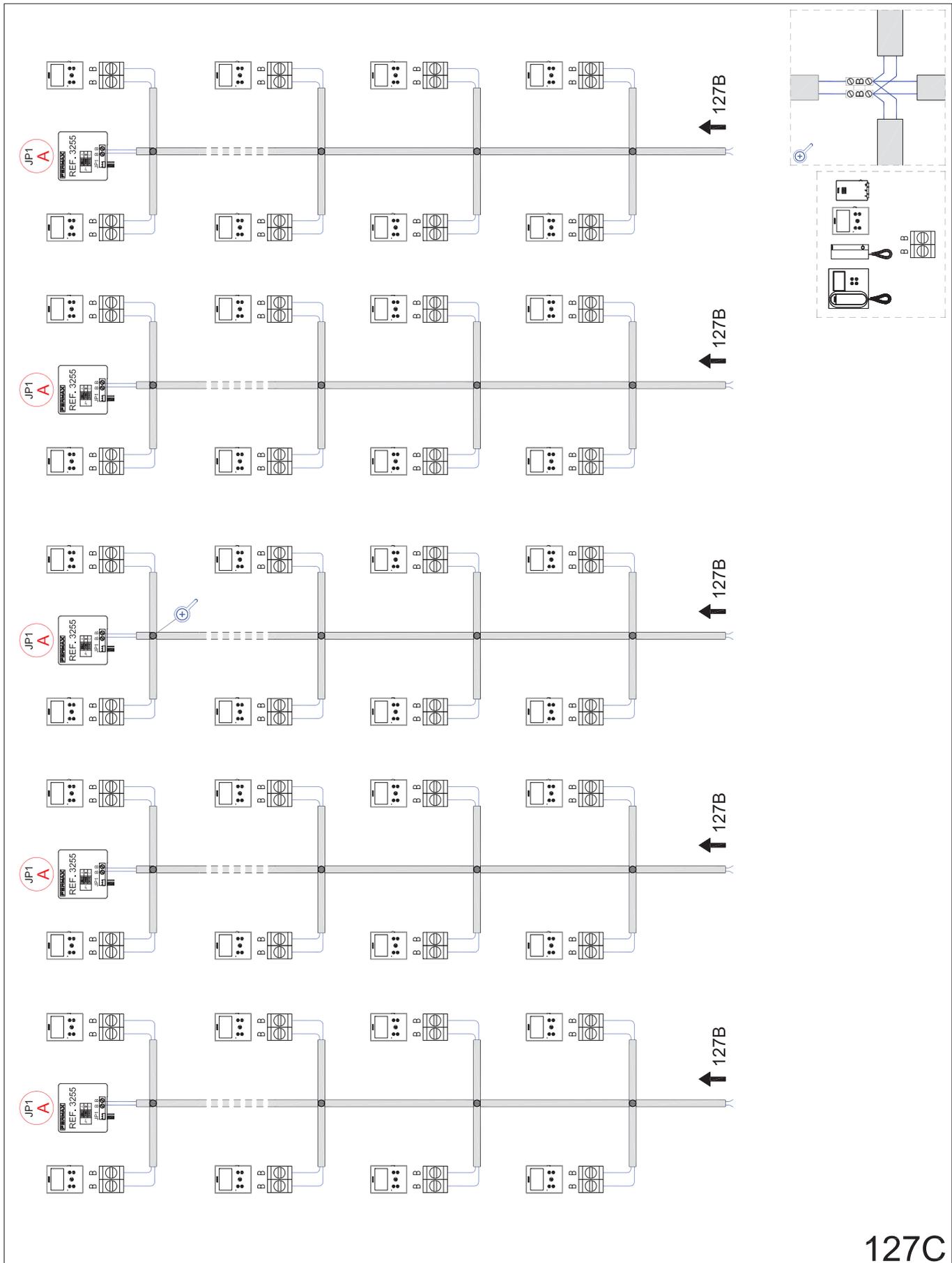


127B

2 video accesses with 5 risers.

Distribution 2 terminals per floor: up to 50 monitors/telephones.

127C - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).

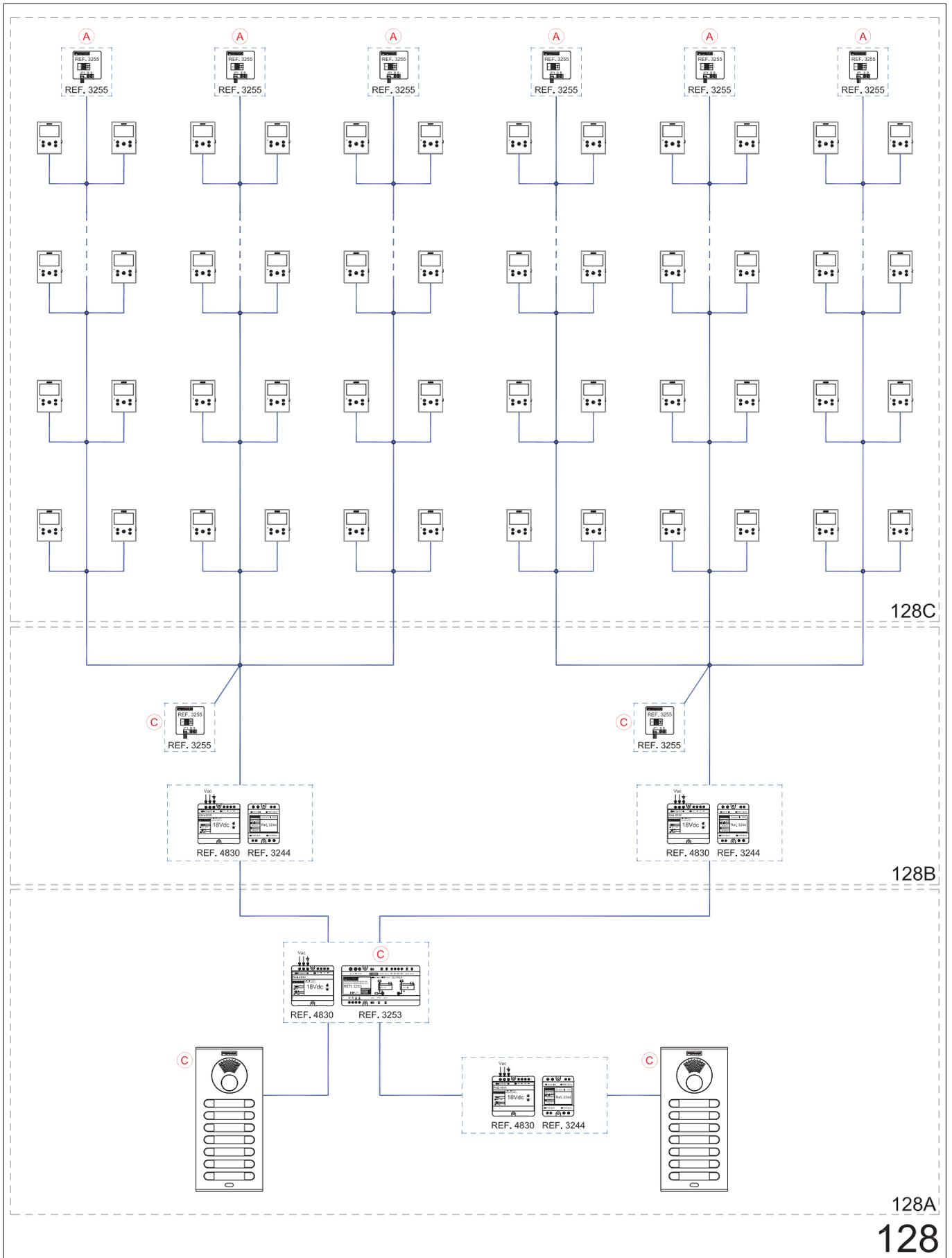


127C

2 video accesses with 6 risers.

Distribution 2 terminals per floor: up to 60 monitors/telephones.

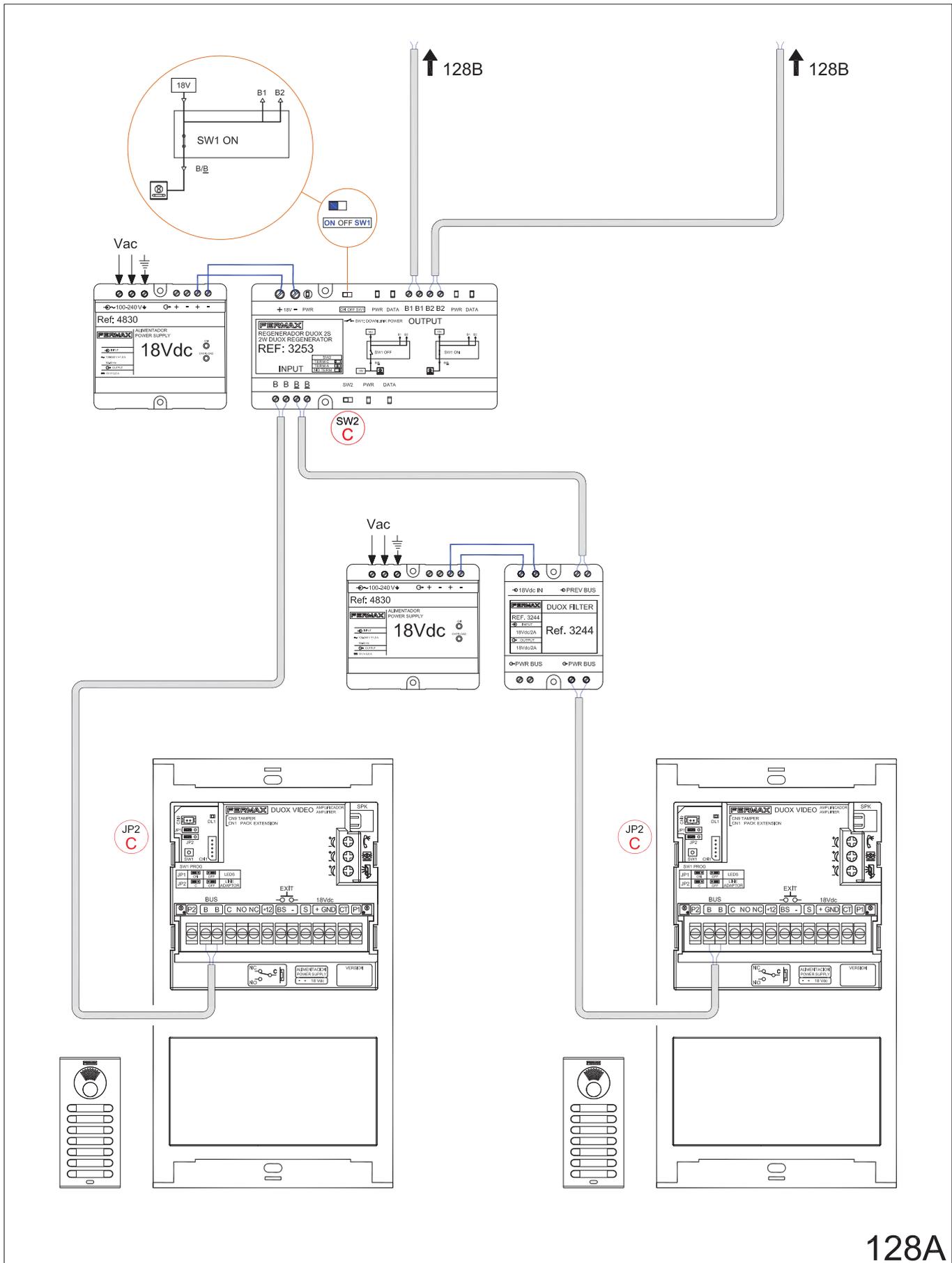
128 - SINGLE-LINE DIAGRAM.



2 video accesses with 6 risers.

Distribution 2 terminals per floor: up to 60 monitors/telephones.

128A - WIRING DIAGRAM. Connection detail: Outdoor panels - Power supply set - 2S regenerator+Power supply.

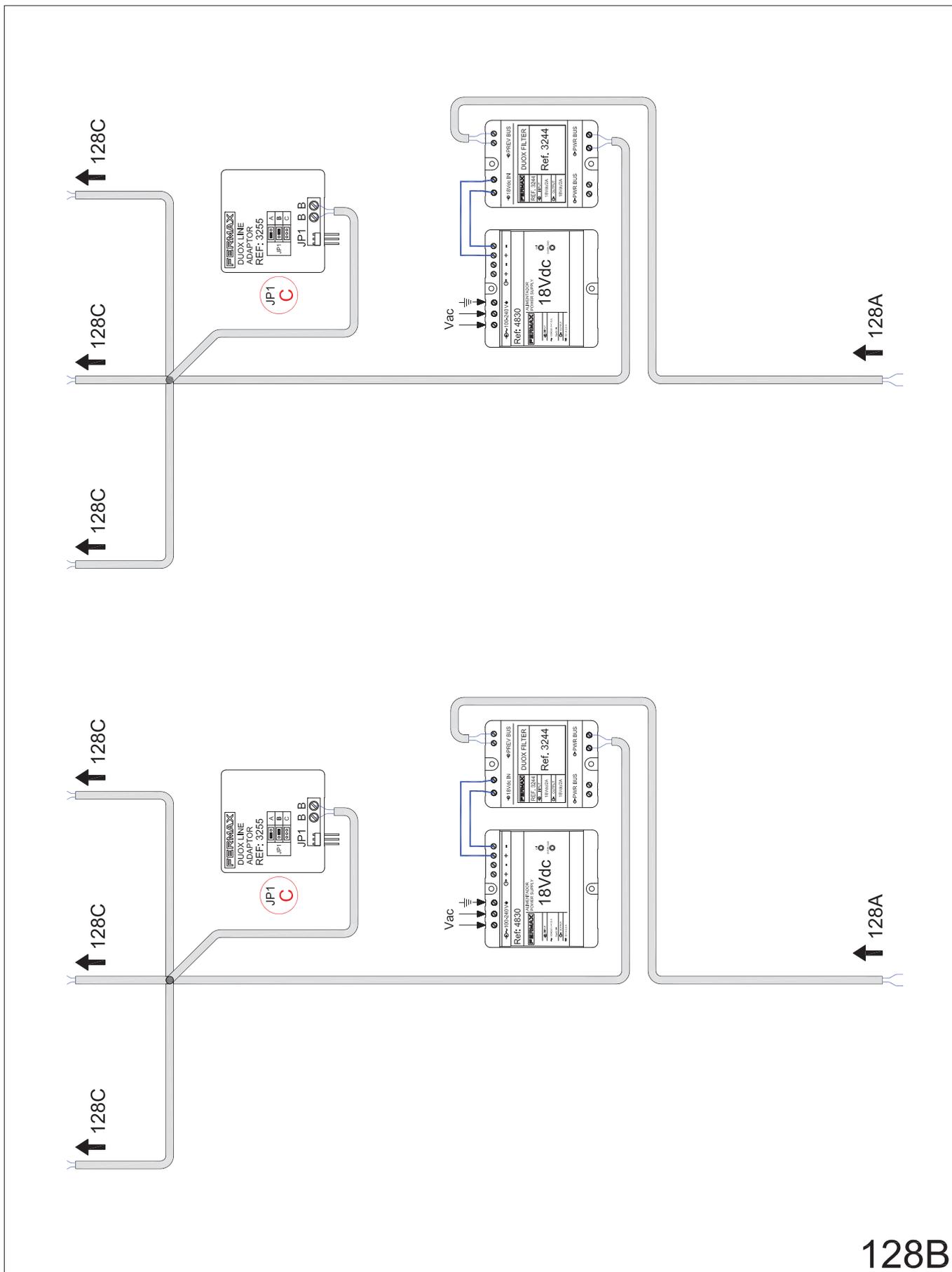


128A

2 video accesses with 6 risers.

Distribution 2 terminals per floor: up to 60 monitors/telephones.

128B - WIRING DIAGRAM. Connection detail: Power supply sets - Line adapters.

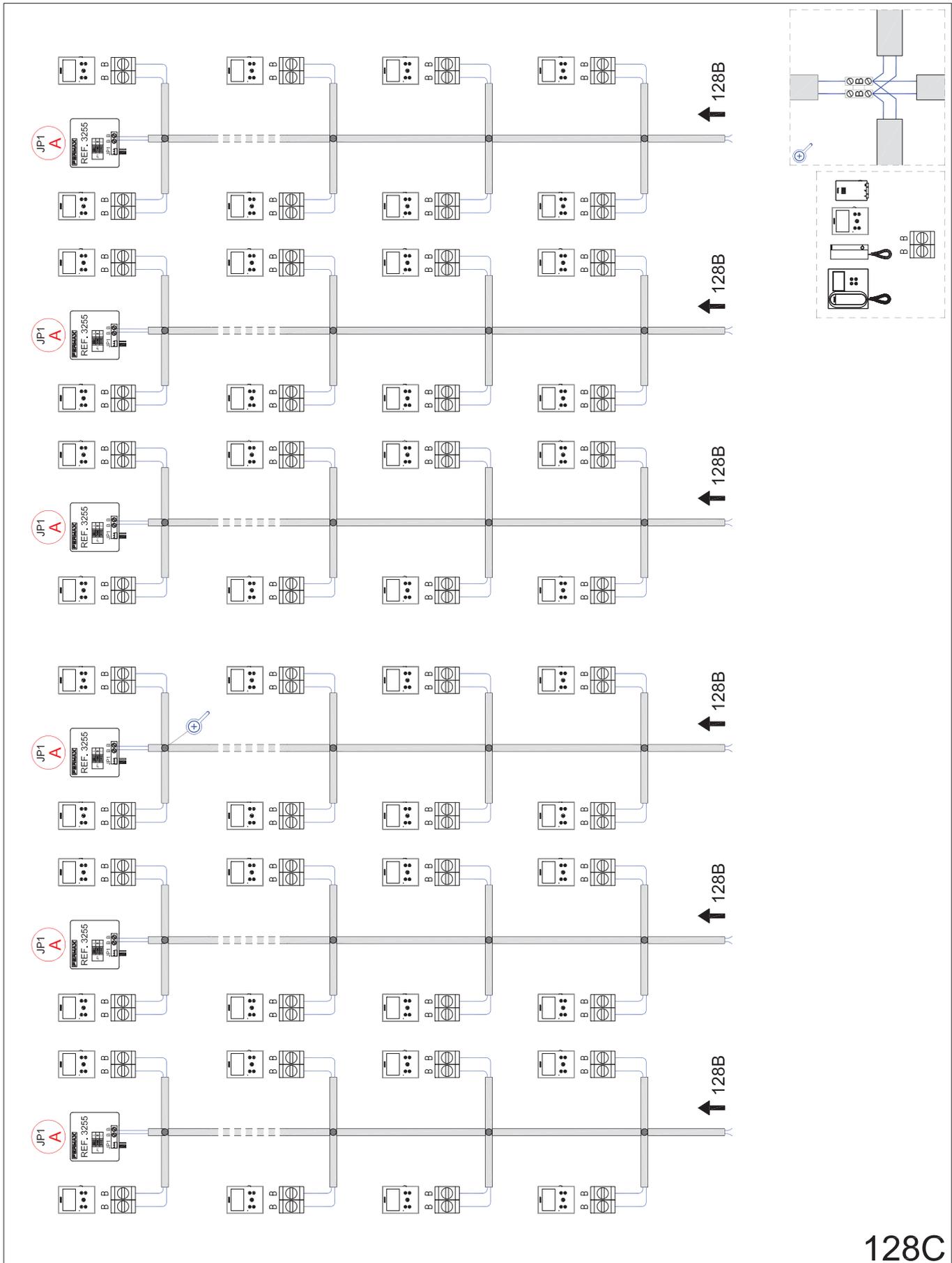


128B

2 video accesses with 6 risers.

Distribution 2 terminals per floor: up to 60 monitors/telephones.

128C - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).

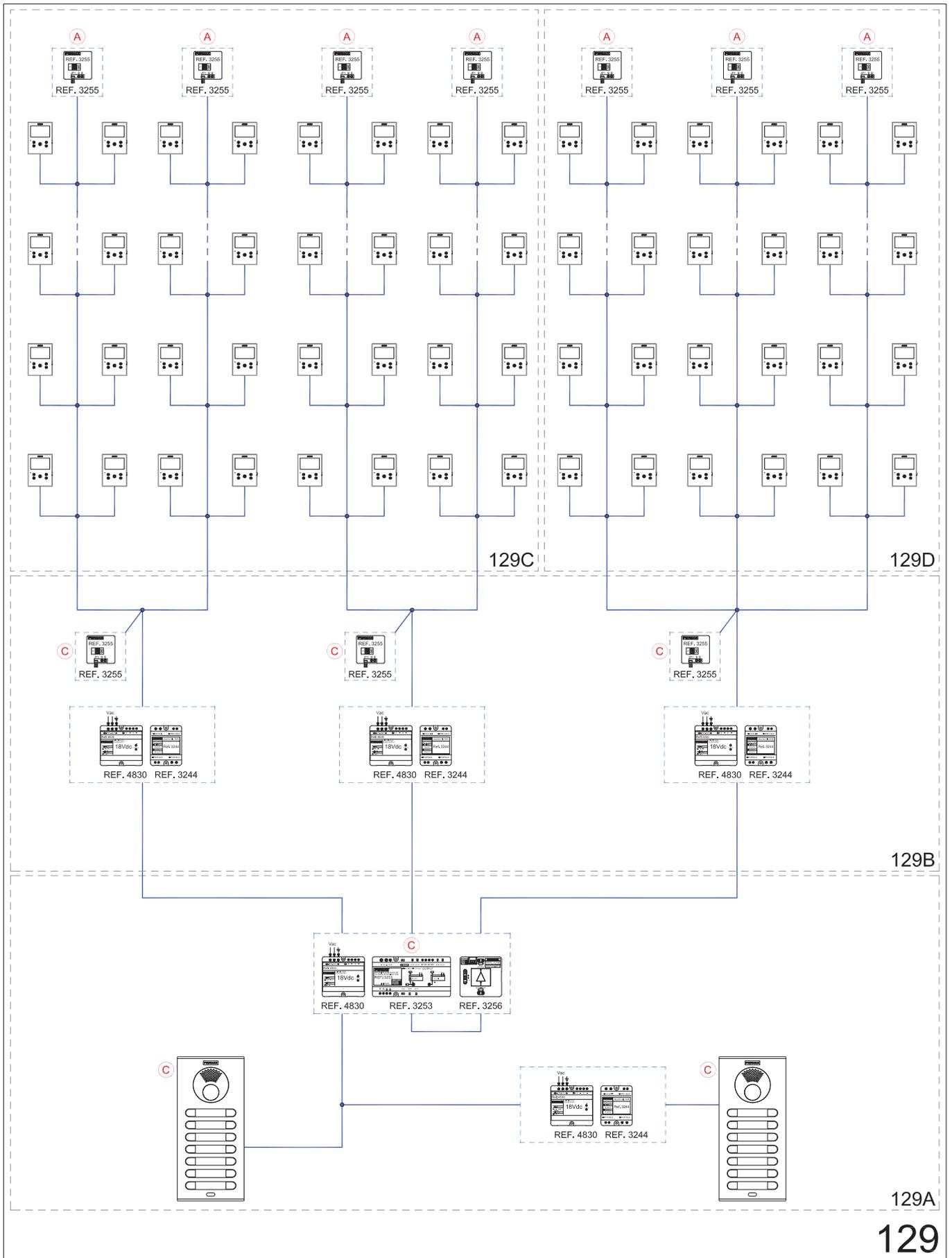


128C

2 video accesses with 7 risers.

Distribution 2 terminals per floor: up to 70 monitors/telephones.

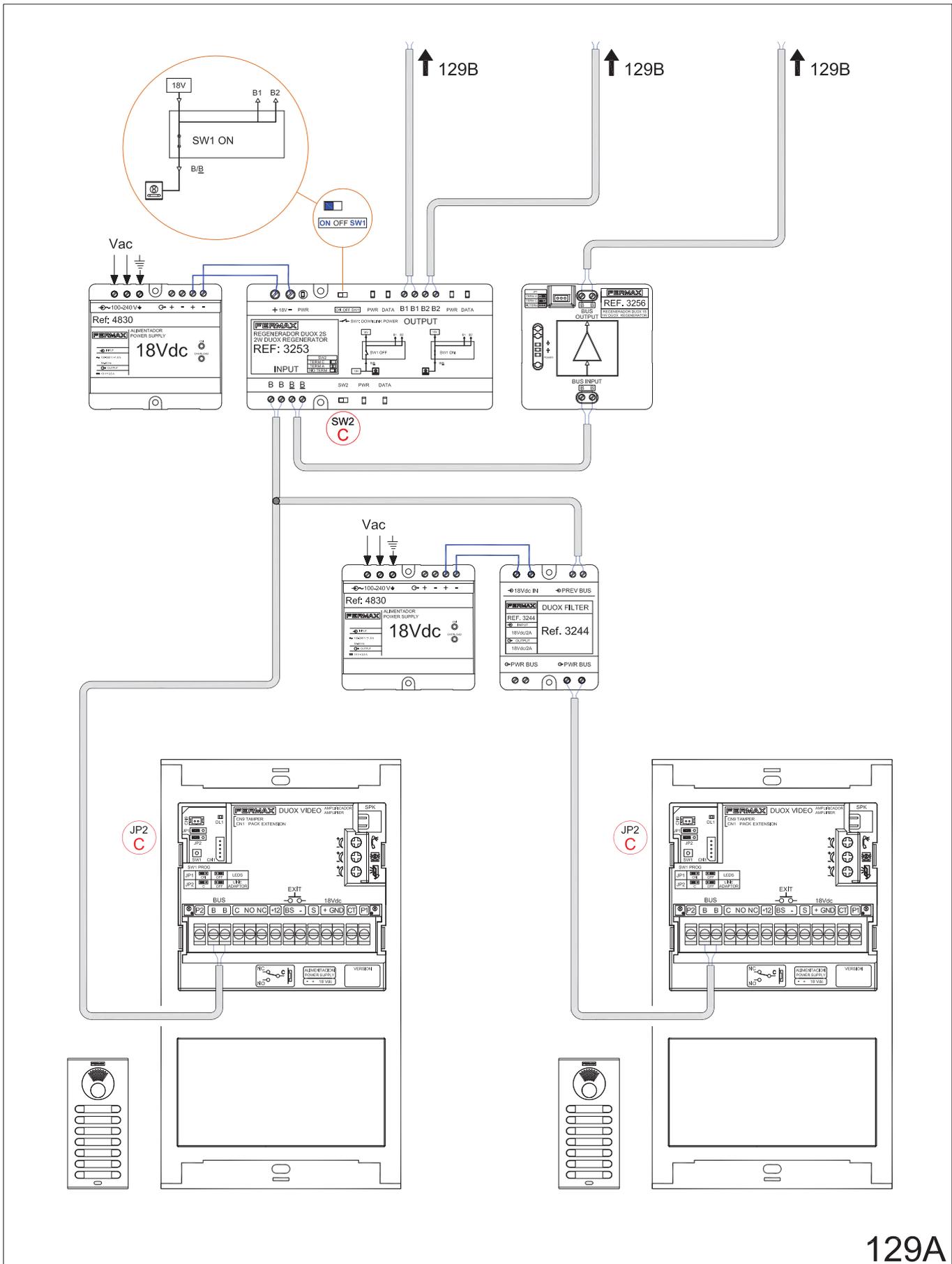
129 - SINGLE-LINE DIAGRAM.



2 video accesses with 7 risers.

Distribution 2 terminals per floor: up to 70 monitors/telephones.

129A - WIRING DIAGRAM. Connection detail: Outdoor panels - Power supply set - 2S regenerator+Power supply - 1S regenerator.

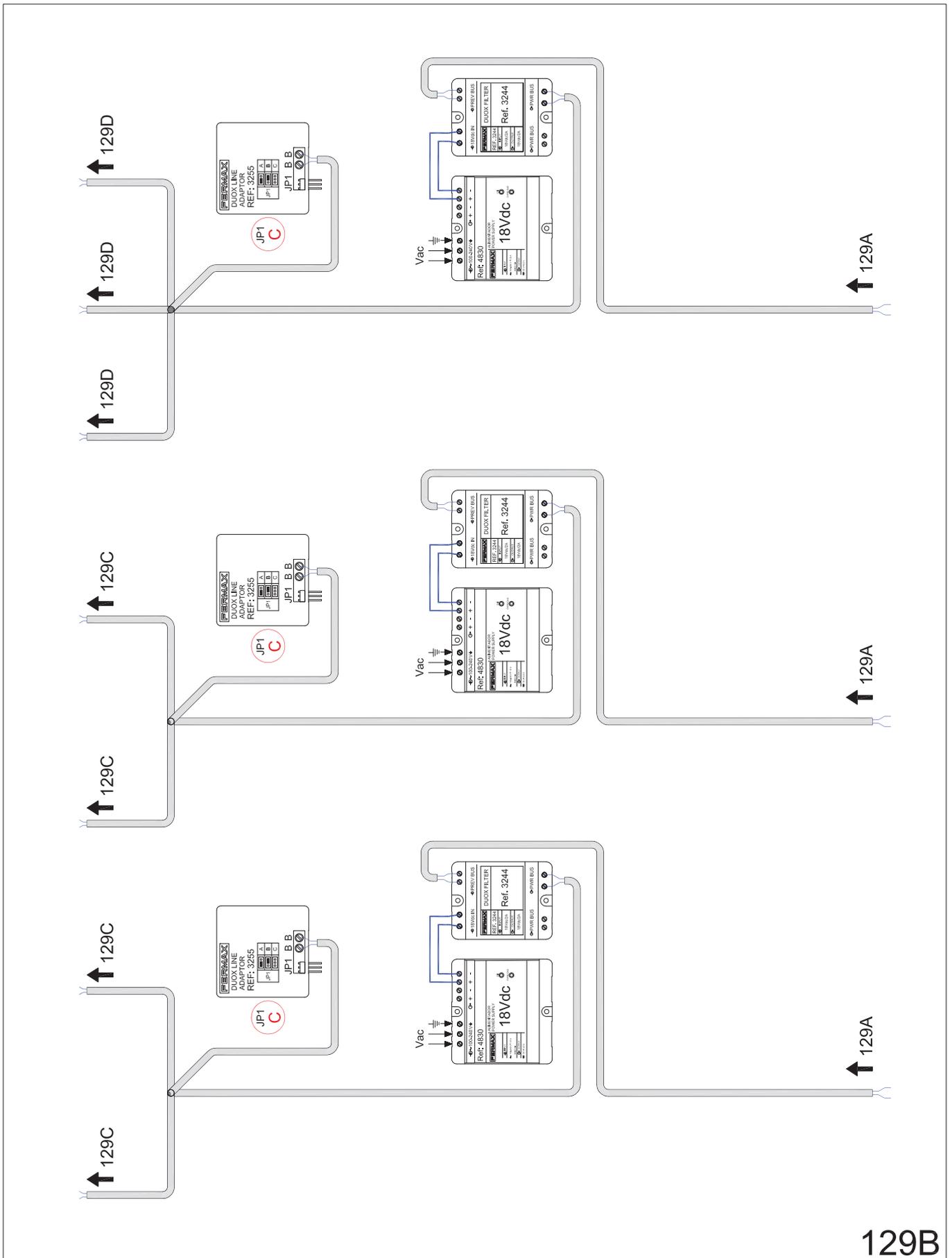


129A

2 video accesses with 7 risers.

Distribution 2 terminals per floor: up to 70 monitors/telephones.

129B - WIRING DIAGRAM. Connection detail: Power supply sets - Line adapters.

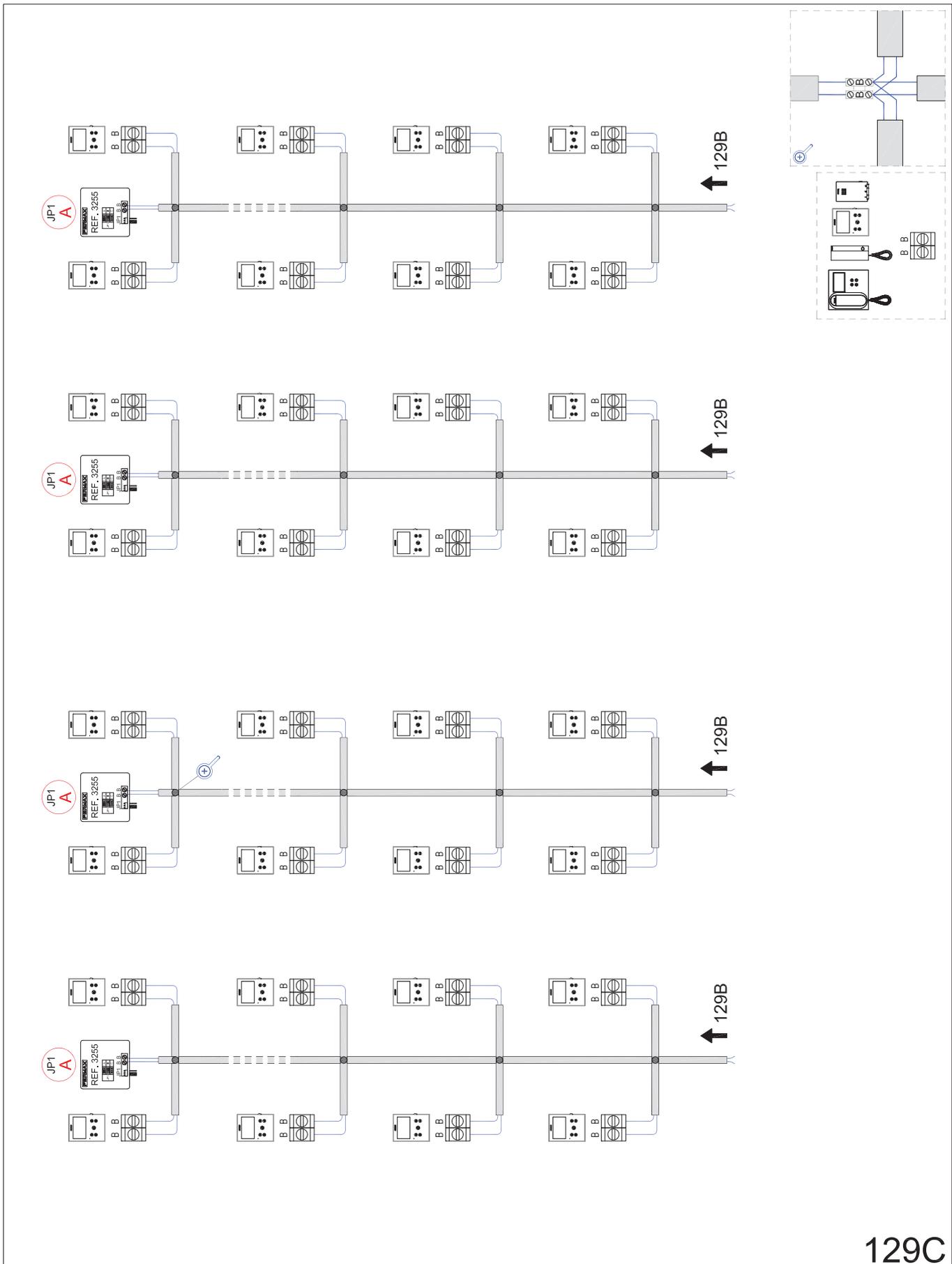


129B

2 video accesses with 7 risers.

Distribution 2 terminals per floor: up to 70 monitors/telephones.

129C - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).

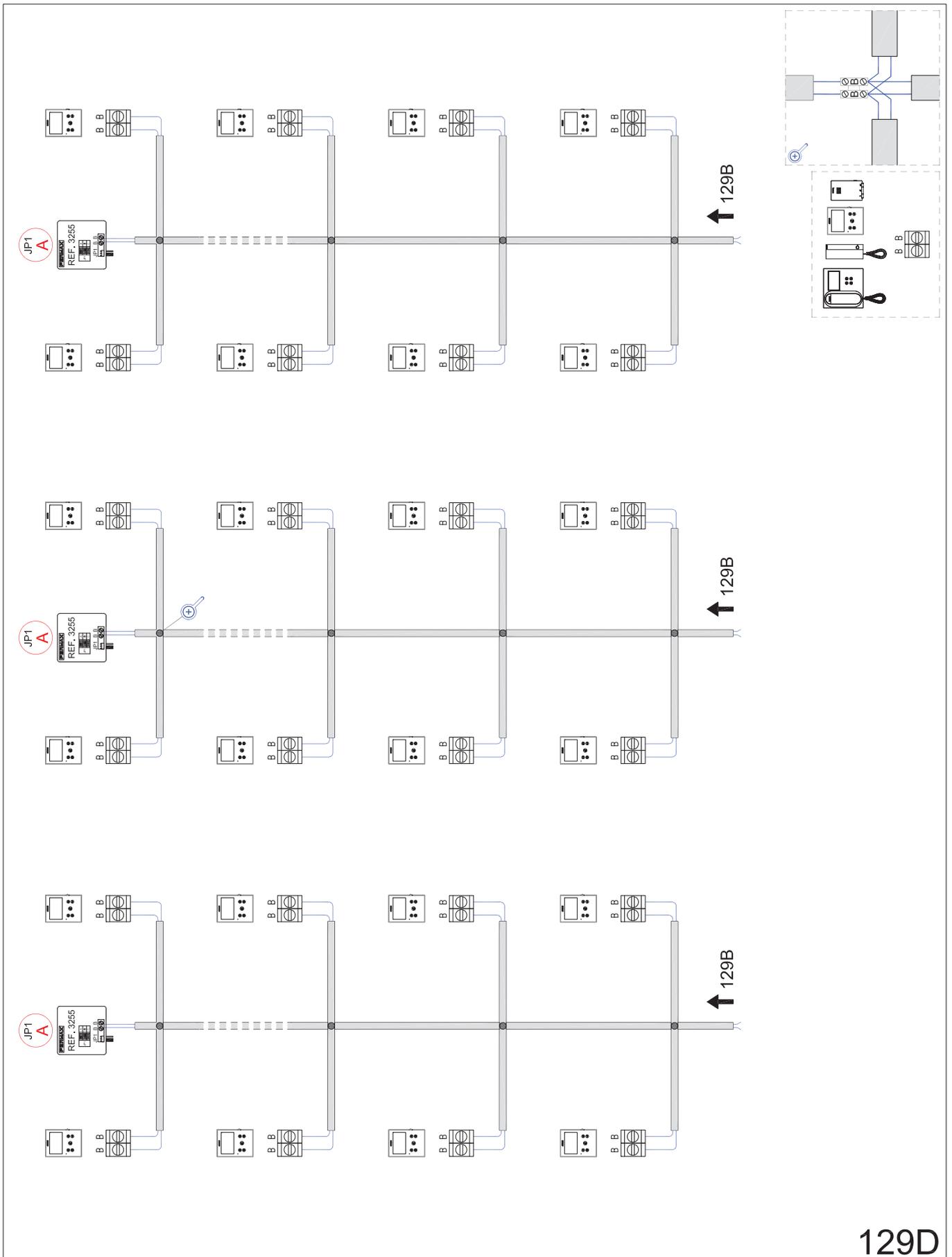


129C

2 video accesses with 7 risers.

Distribution 2 terminals per floor: up to 70 monitors/telephones.

129D - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).

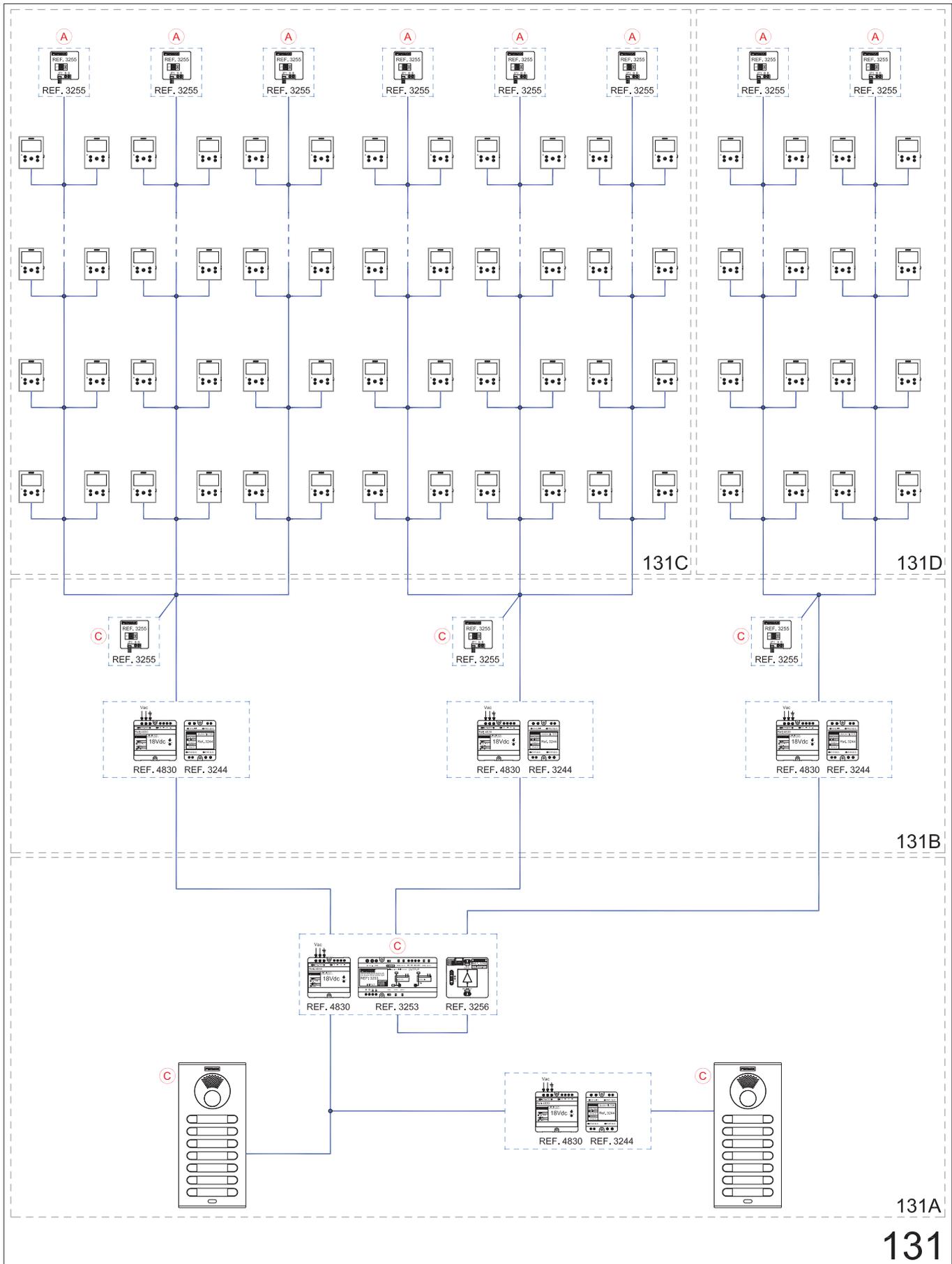


129D

2 video accesses with 8 risers.

Distribution 2 terminals per floor: up to 80 monitors/telephones.

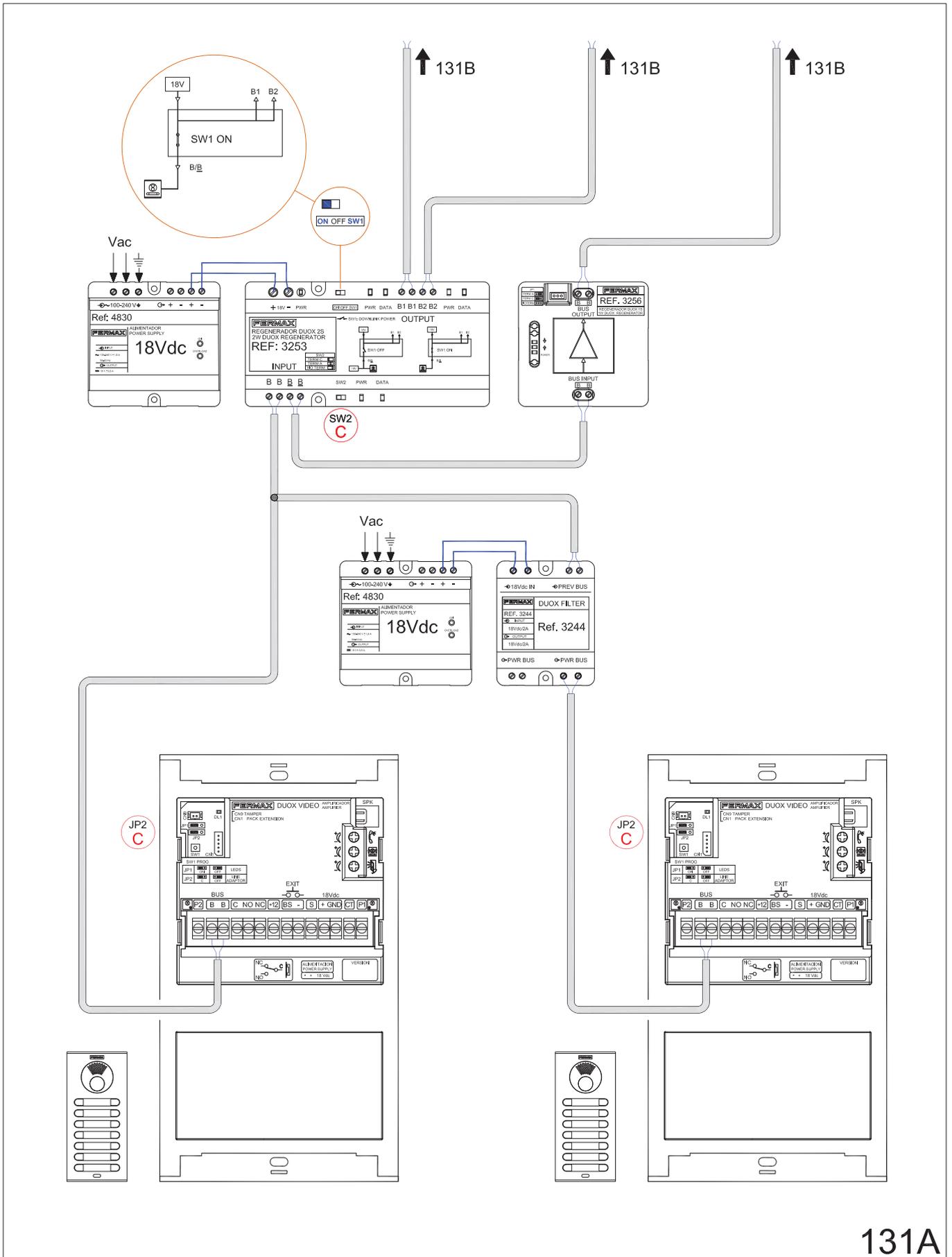
131 - SINGLE-LINE DIAGRAM.



2 video accesses with 8 risers.

Distribution 2 terminals per floor: up to 80 monitors/telephones.

131A - WIRING DIAGRAM. Connection detail: Outdoor panels - Power supply set - 2S regenerator+Power supply - 1S regenerator.

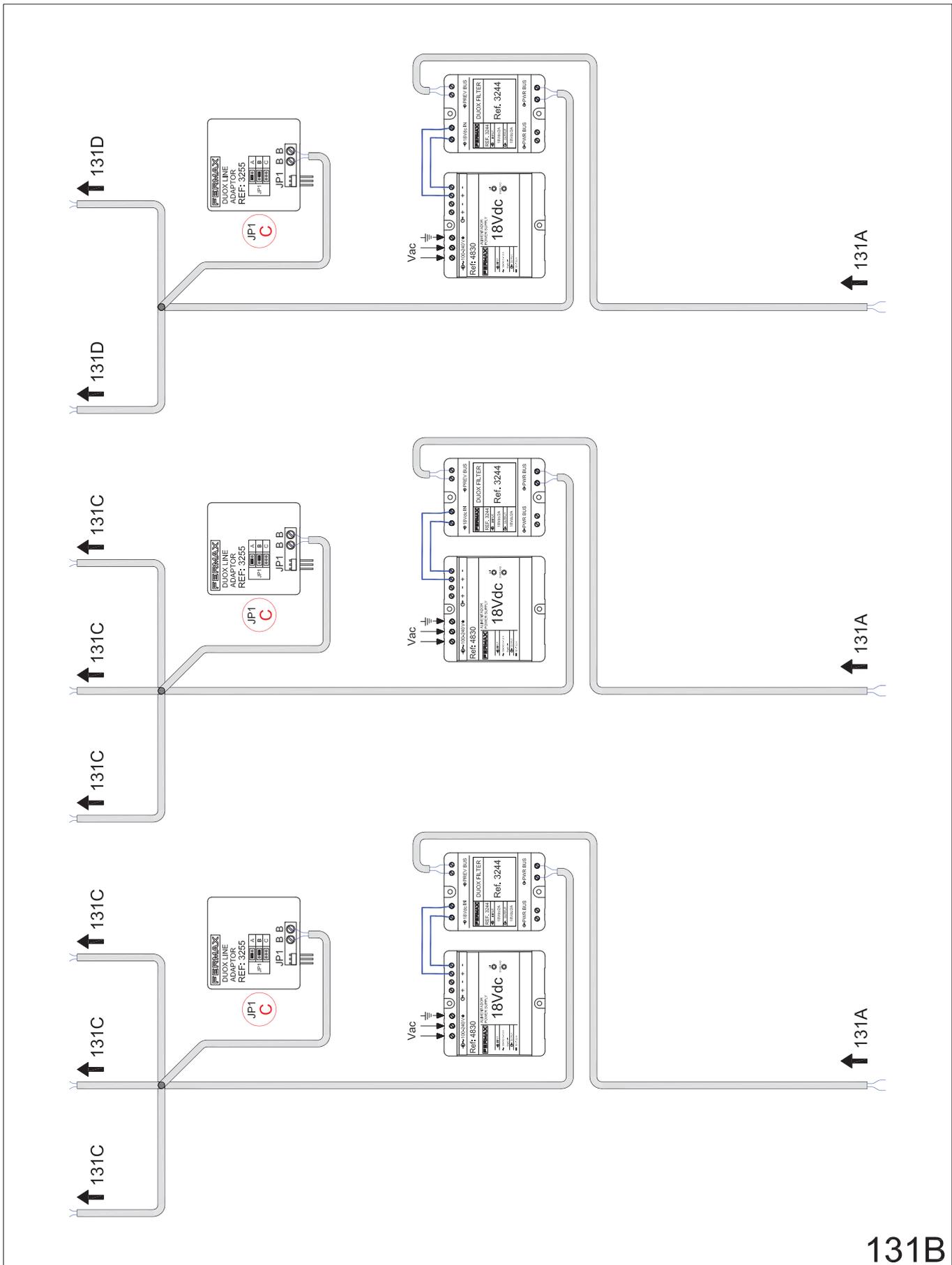


131A

2 video accesses with 8 risers.

Distribution 2 terminals per floor: up to 80 monitors/telephones.

131B - WIRING DIAGRAM. Connection detail: Power supply sets - Line adapters.

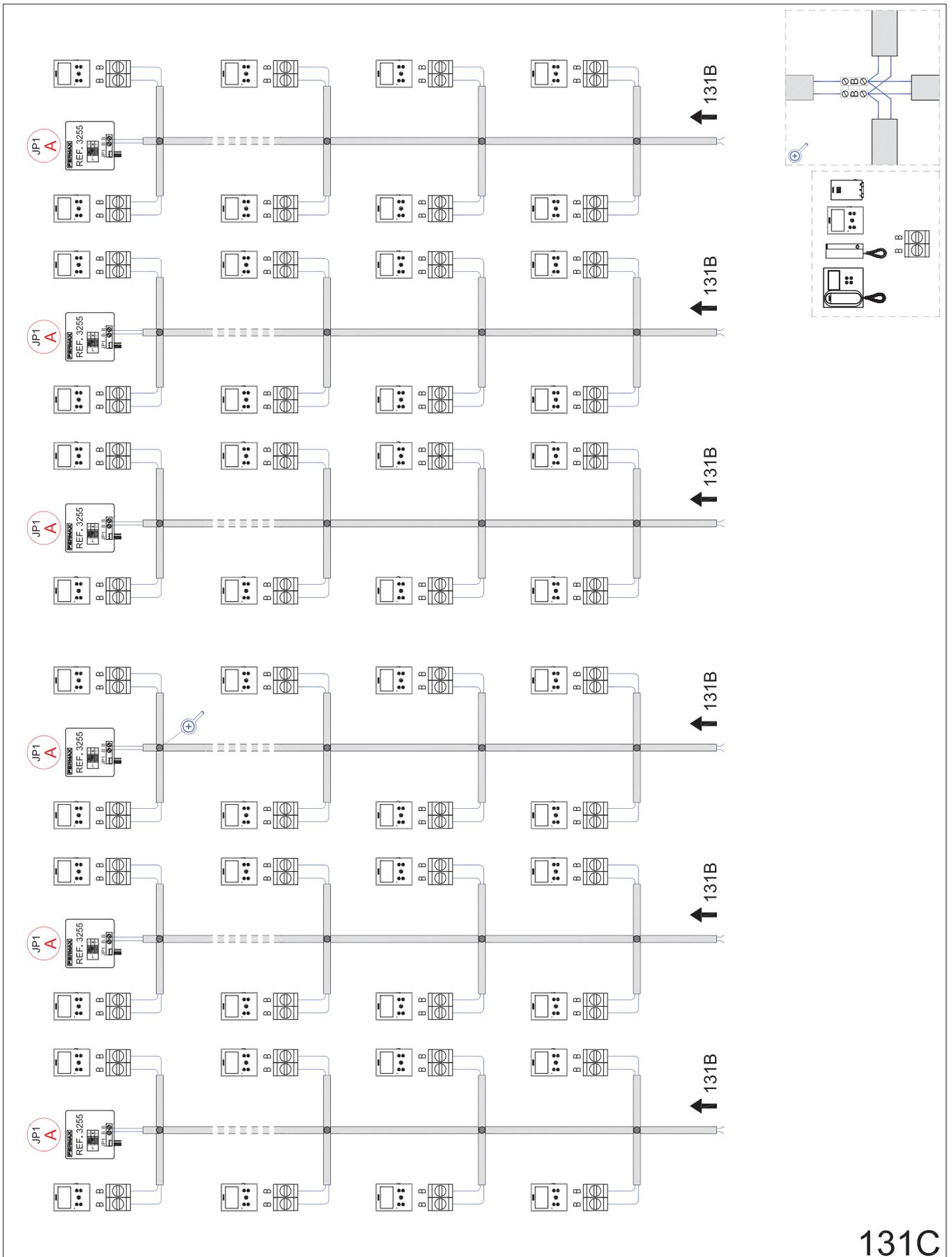


131B

2 video accesses with 8 risers.

Distribution 2 terminals per floor: up to 80 monitors/telephones.

131C - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).

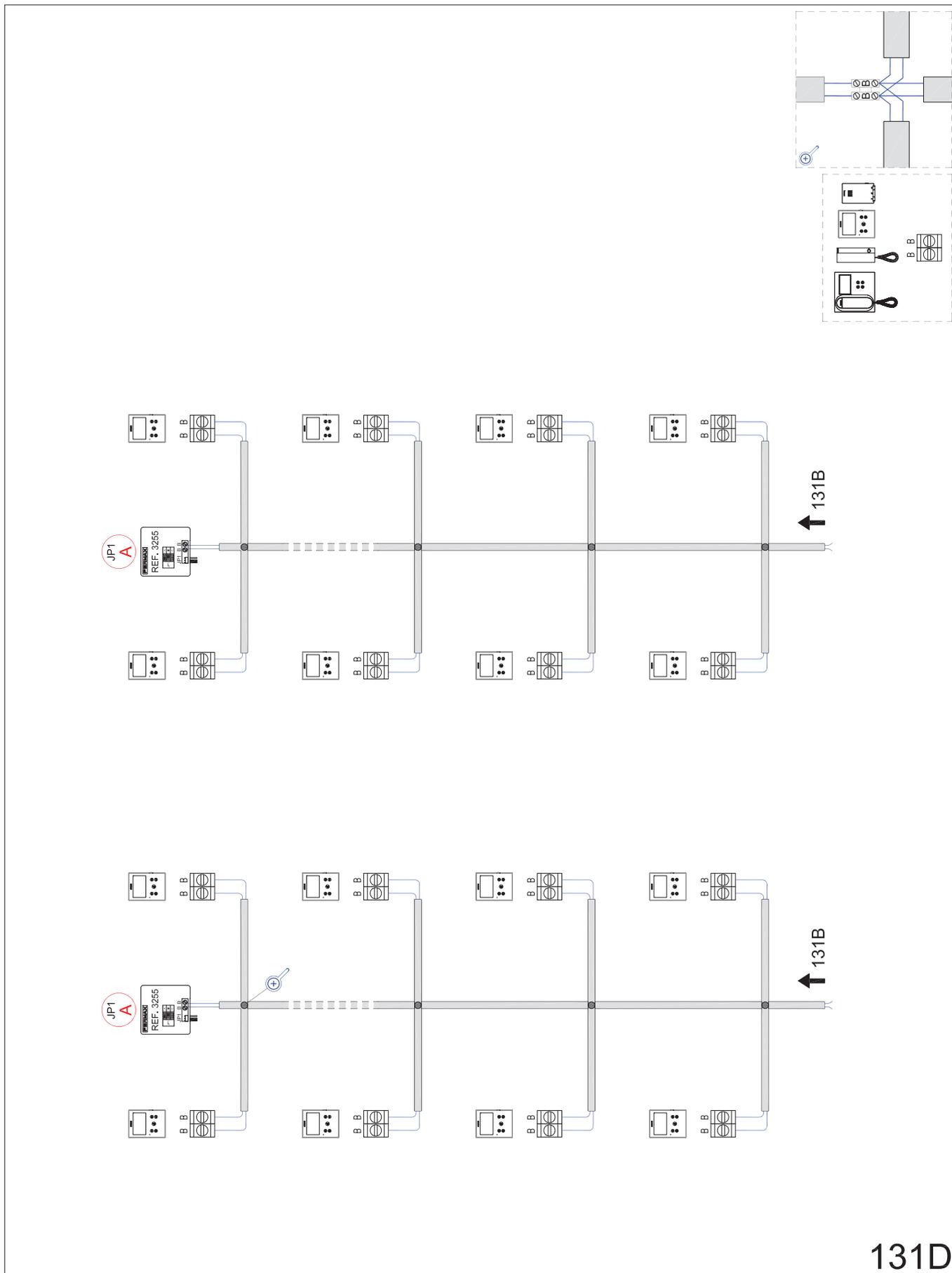


131C

2 video accesses with 8 risers.

Distribution 2 terminals per floor: up to 80 monitors/telephones.

131D - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).

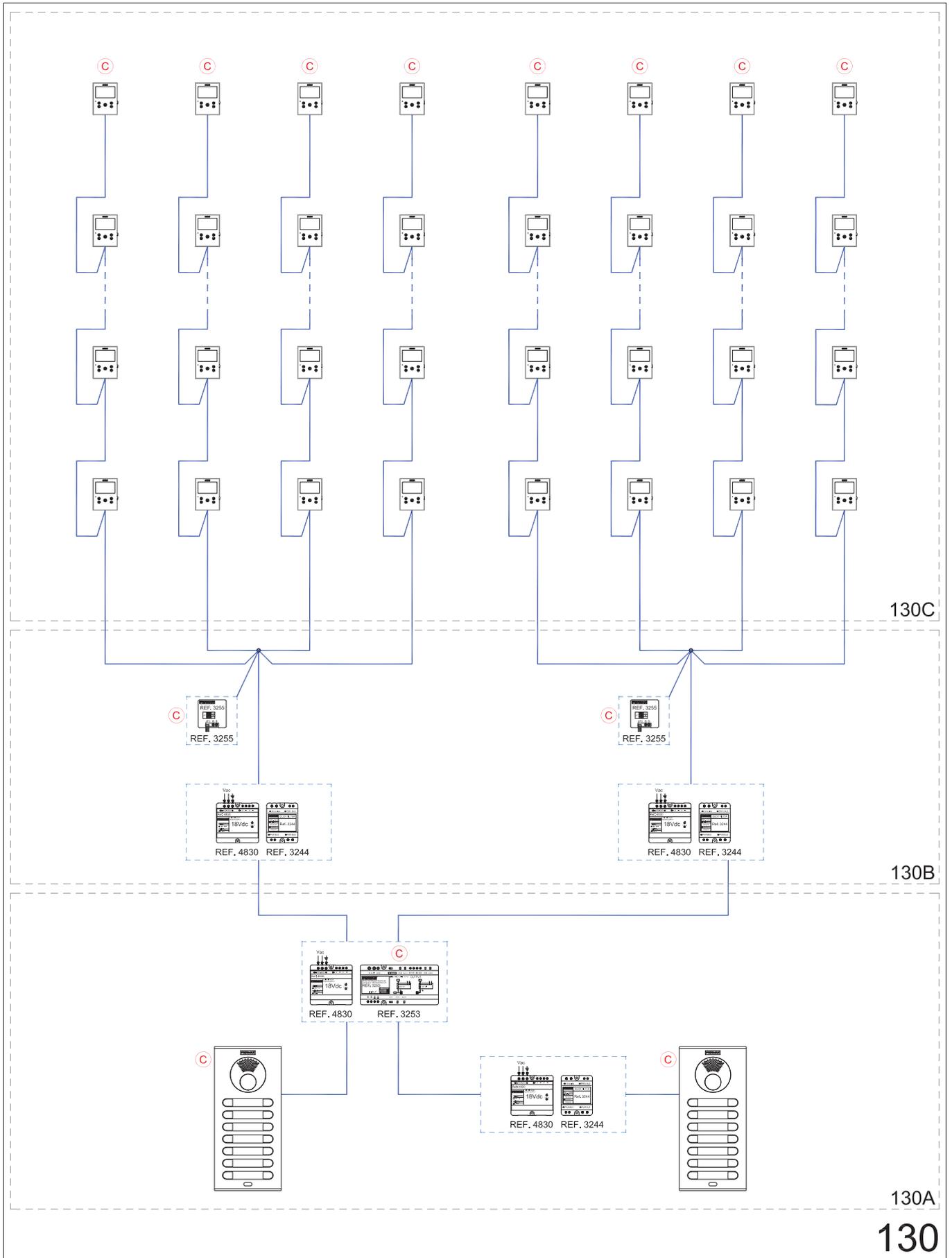


131D

2 video accesses with 8 risers.

Cascade: up to 64 monitors/telephones.

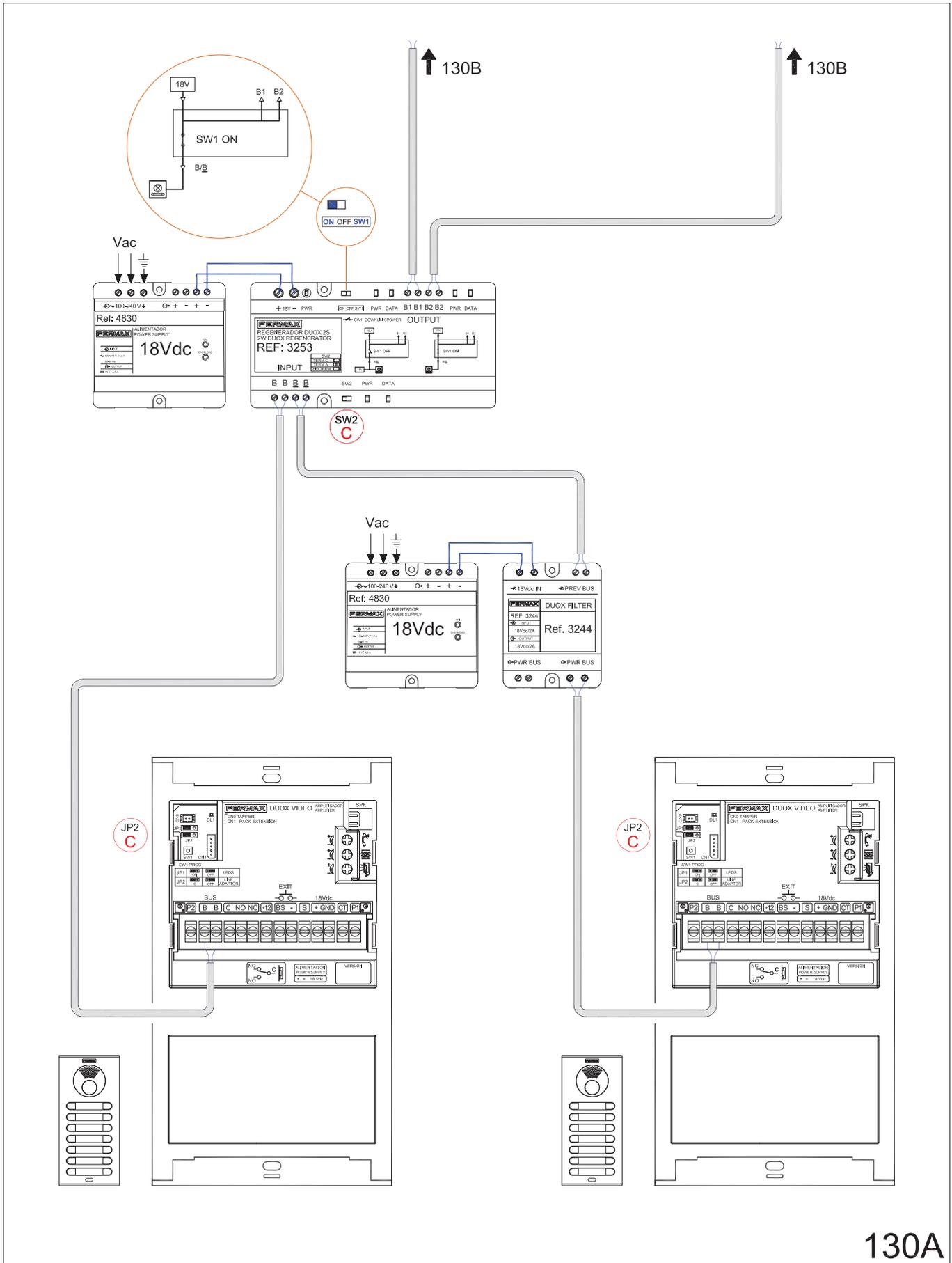
130 - SINGLE-LINE DIAGRAM.



2 video accesses with 8 risers.

Cascade: up to 64 monitors/telephones.

130A - WIRING DIAGRAM. Connection detail: Outdoor panels - Power supply set - 2S regenerator+Power supply.

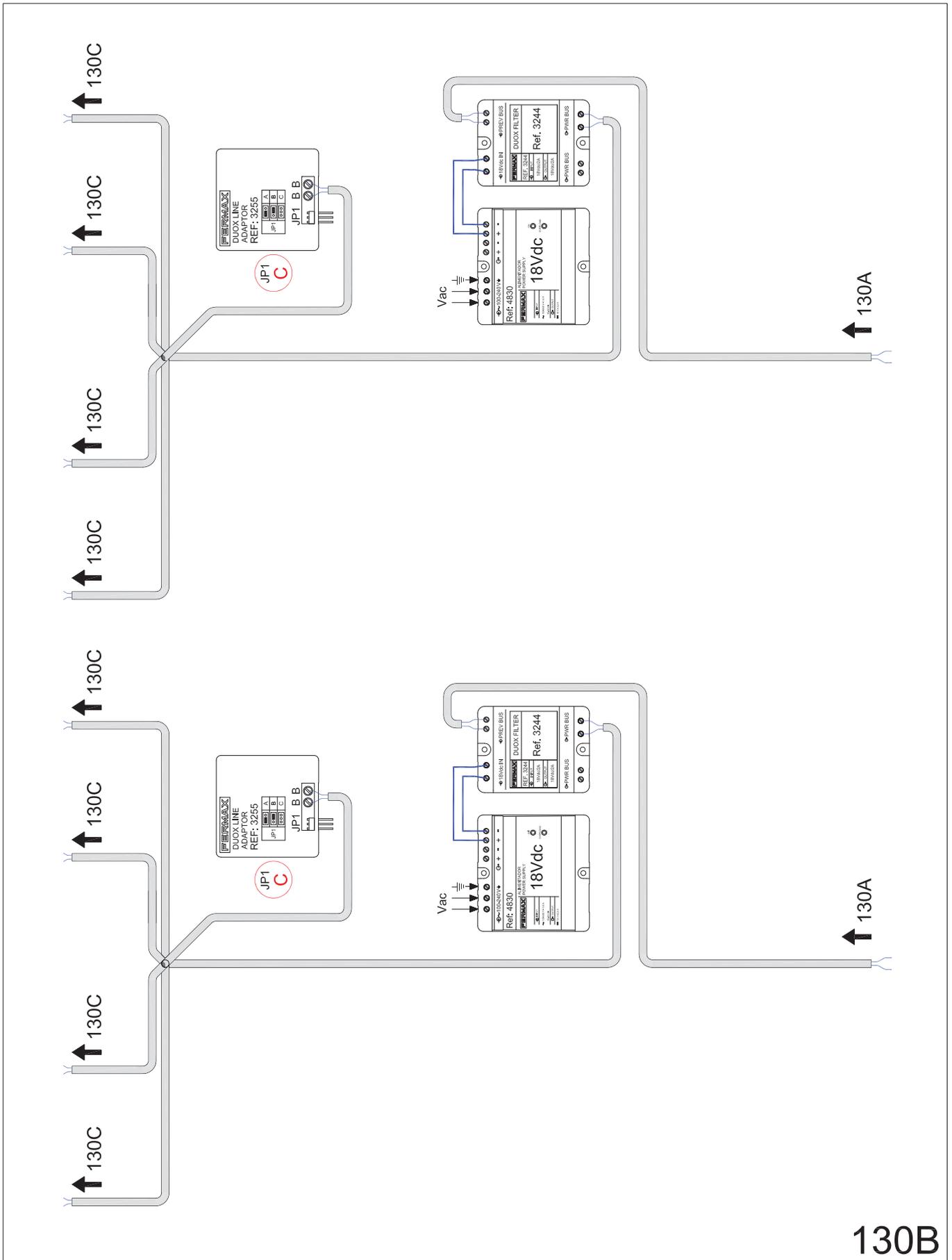


130A

2 video accesses with 8 risers.

Cascade: up to 64 monitors/telephones.

130B - WIRING DIAGRAM. Connection detail: Power supply sets - Line adapters.

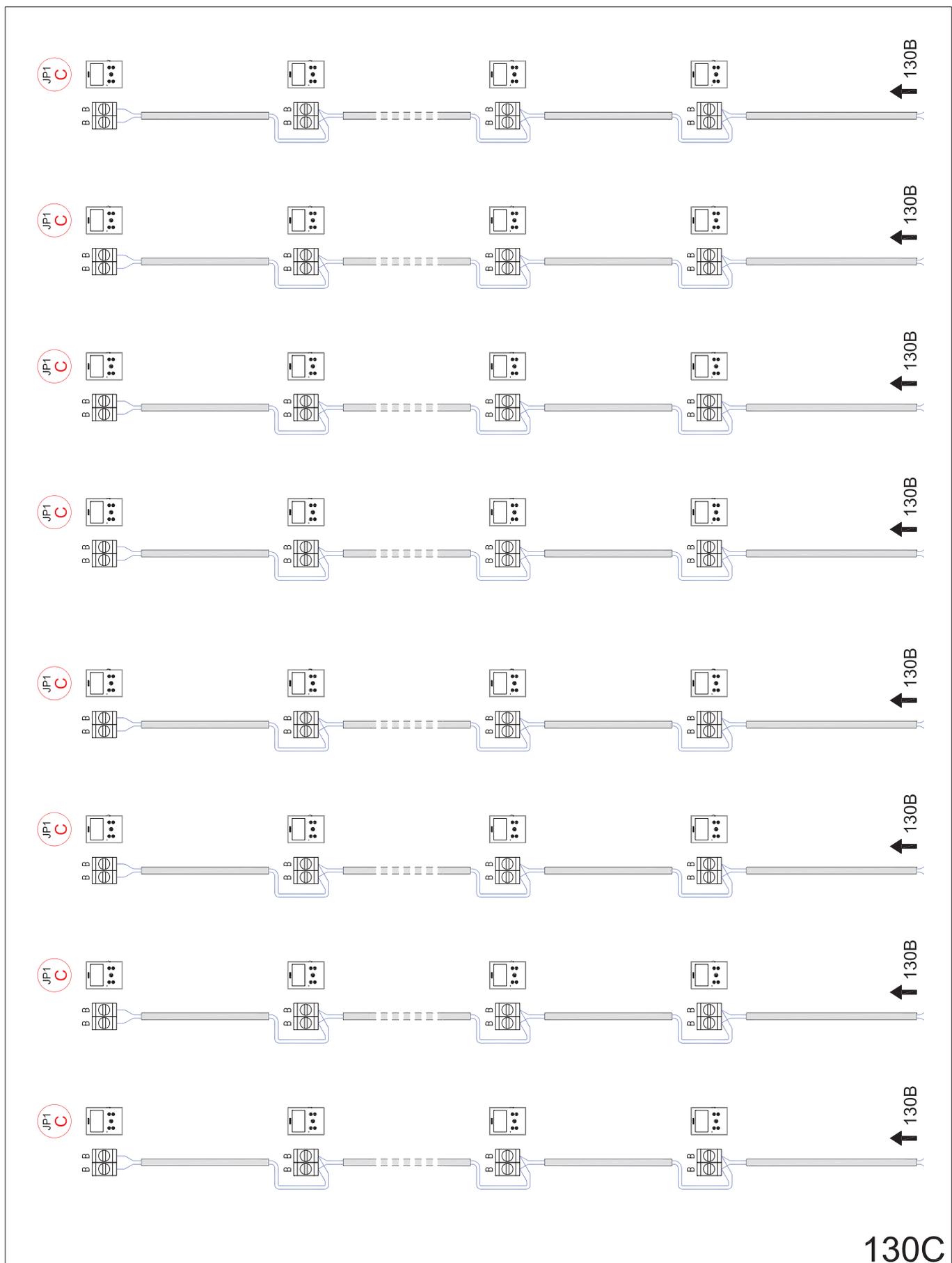


130B

2 video accesses with 8 risers.

Cascade: up to 64 monitors/telephones.

130C - WIRING DIAGRAM. Connection detail: Floors (Terminals).



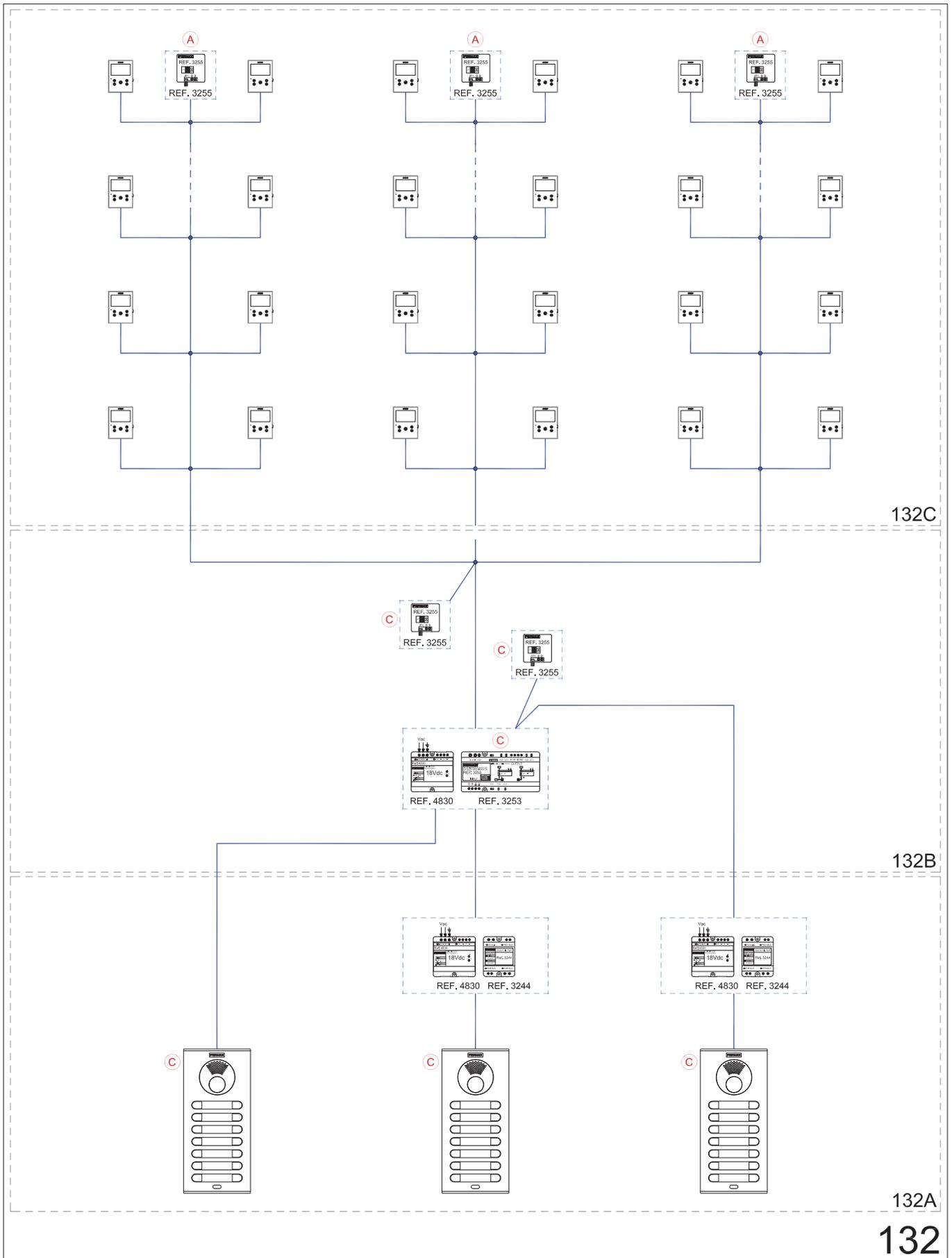
130C

2.3.3 BLOCK DIAGRAM WITH 3 VIDEO ACCESSES

3 video accesses with 3 risers.

Distribution 2 terminals per floor: up to 18 monitors/telephones.

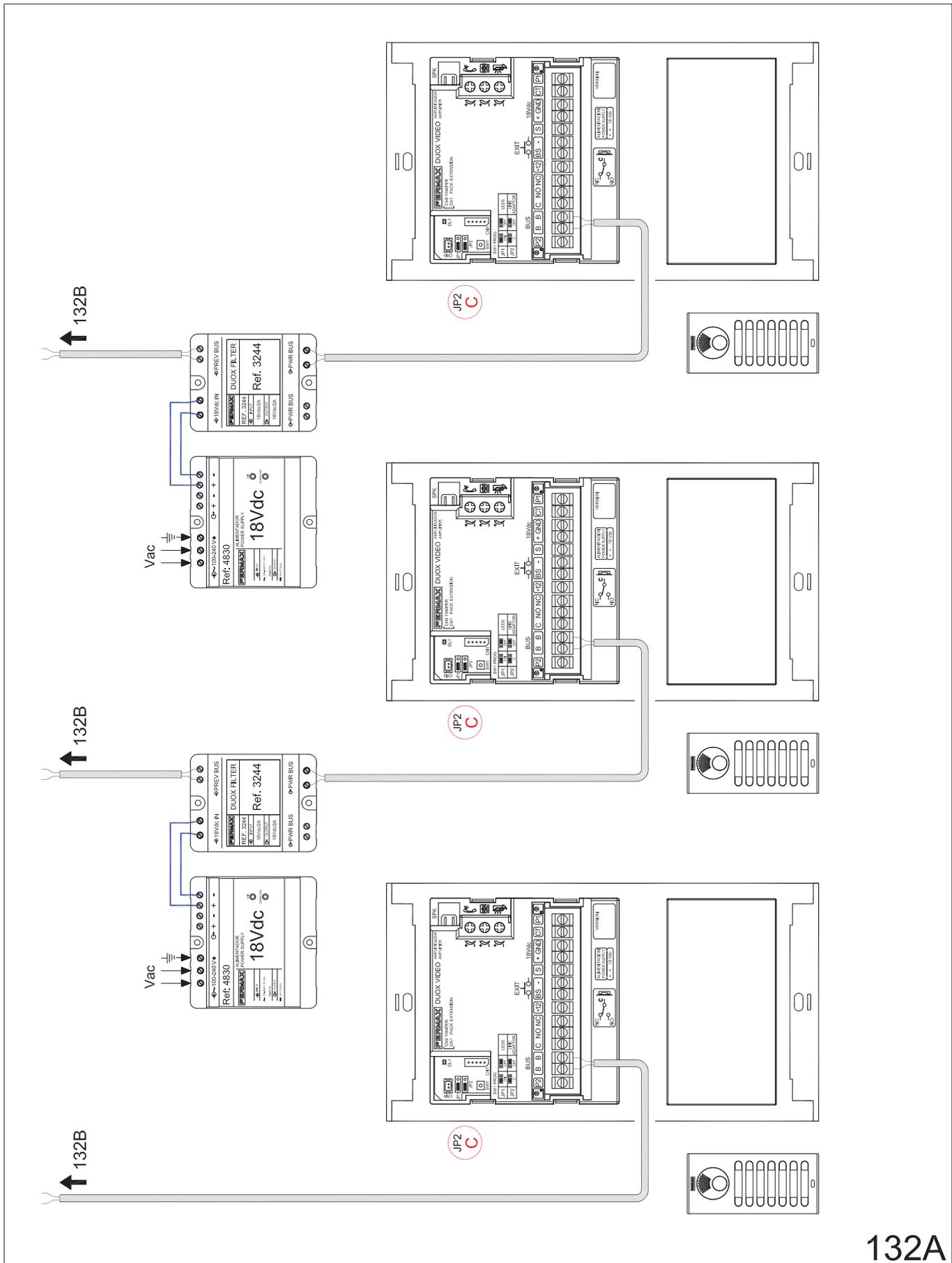
132 - SINGLE-LINE DIAGRAM.



3 video accesses with 3 risers.

Distribution 2 terminals per floor: up to 18 monitors/telephones.

132A - WIRING DIAGRAM. Connection detail: Outdoor panels - Power supply sets.

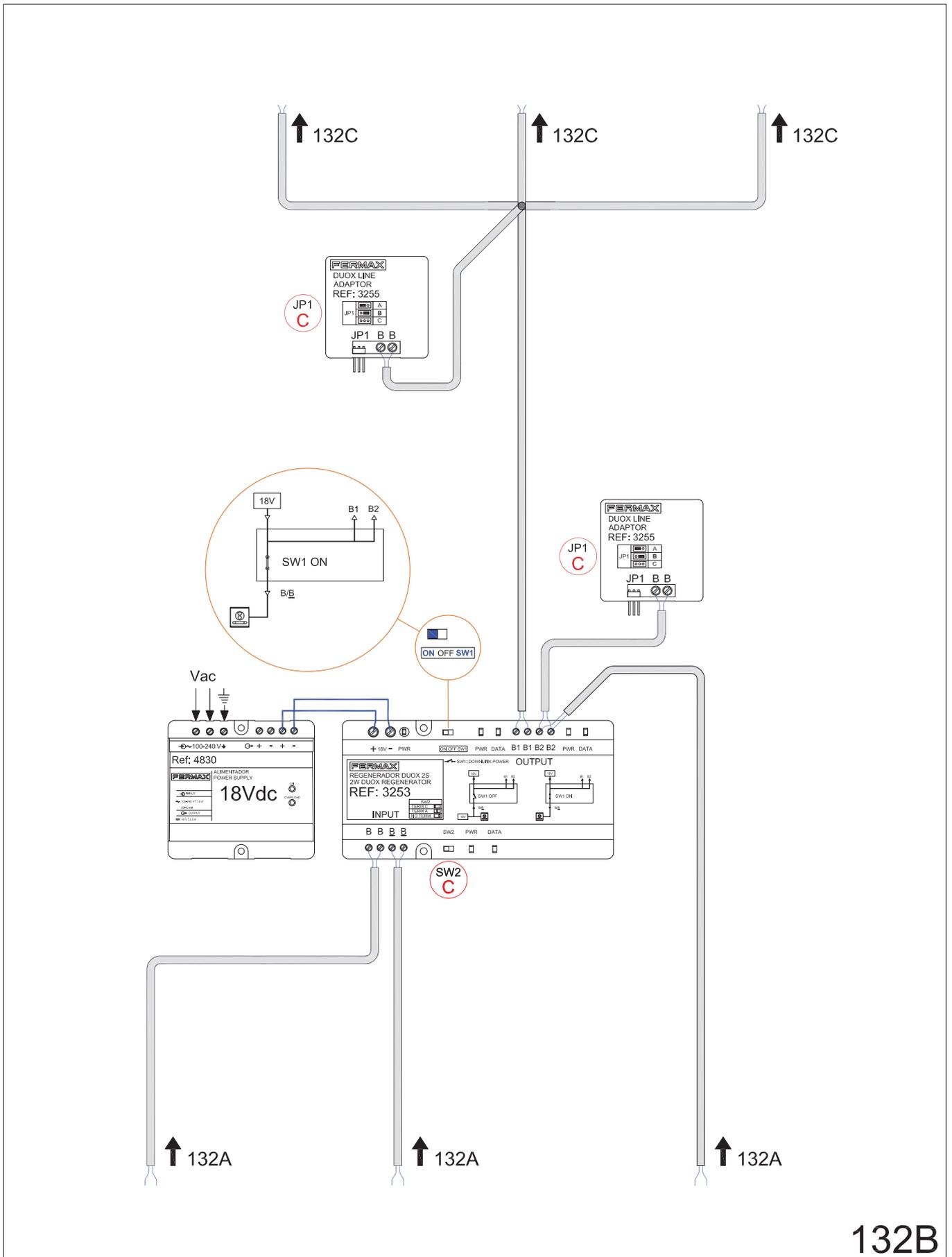


132A

3 video accesses with 3 risers.

Distribution 2 terminals per floor: up to 18 monitors/telephones.

132B - WIRING DIAGRAM. Connection detail: 2S regenerator+Power supply - Line adapters.

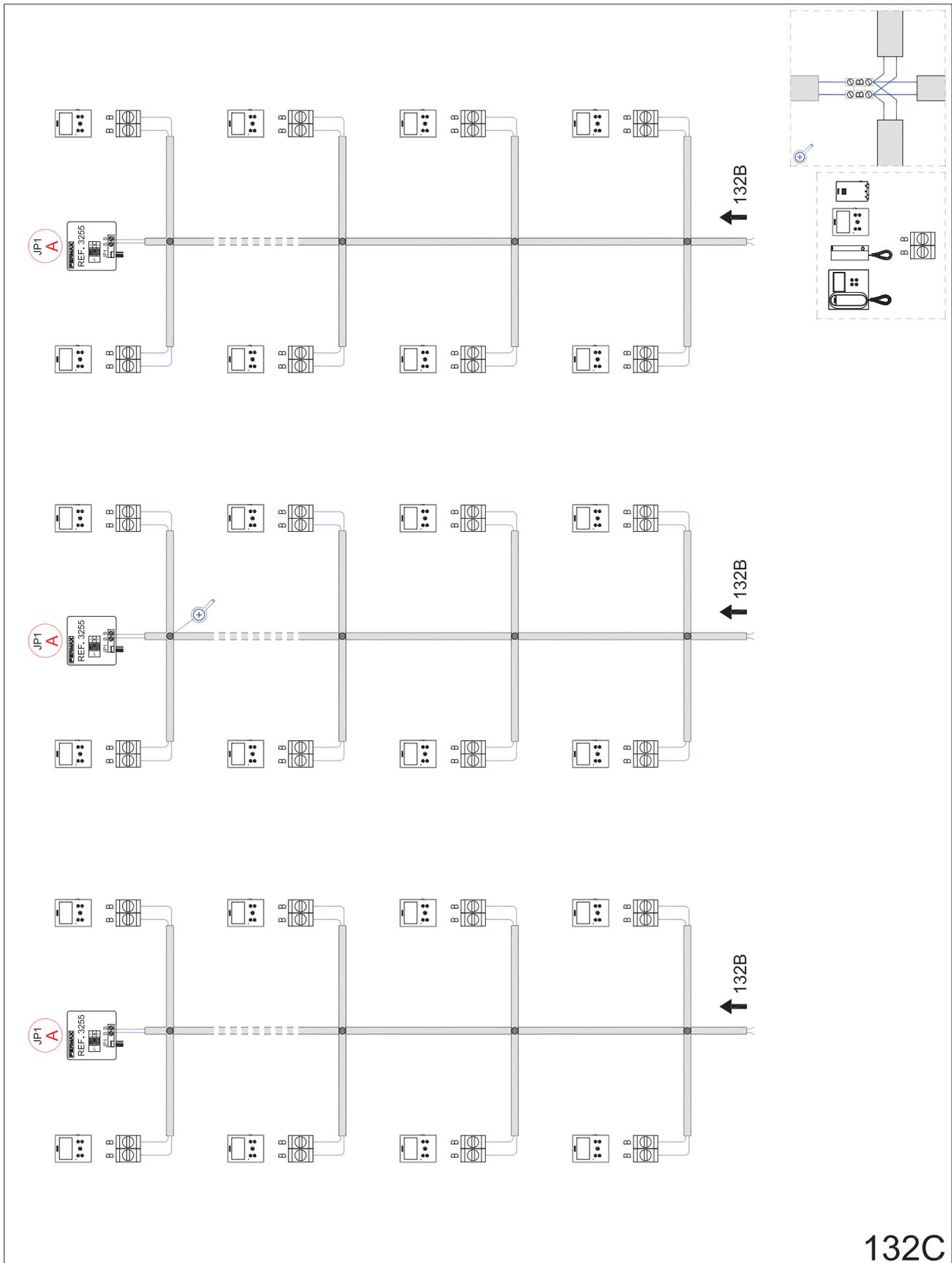


132B

3 video accesses with 3 risers.

Distribution 2 terminals per floor: up to 18 monitors/telephones.

132C - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).

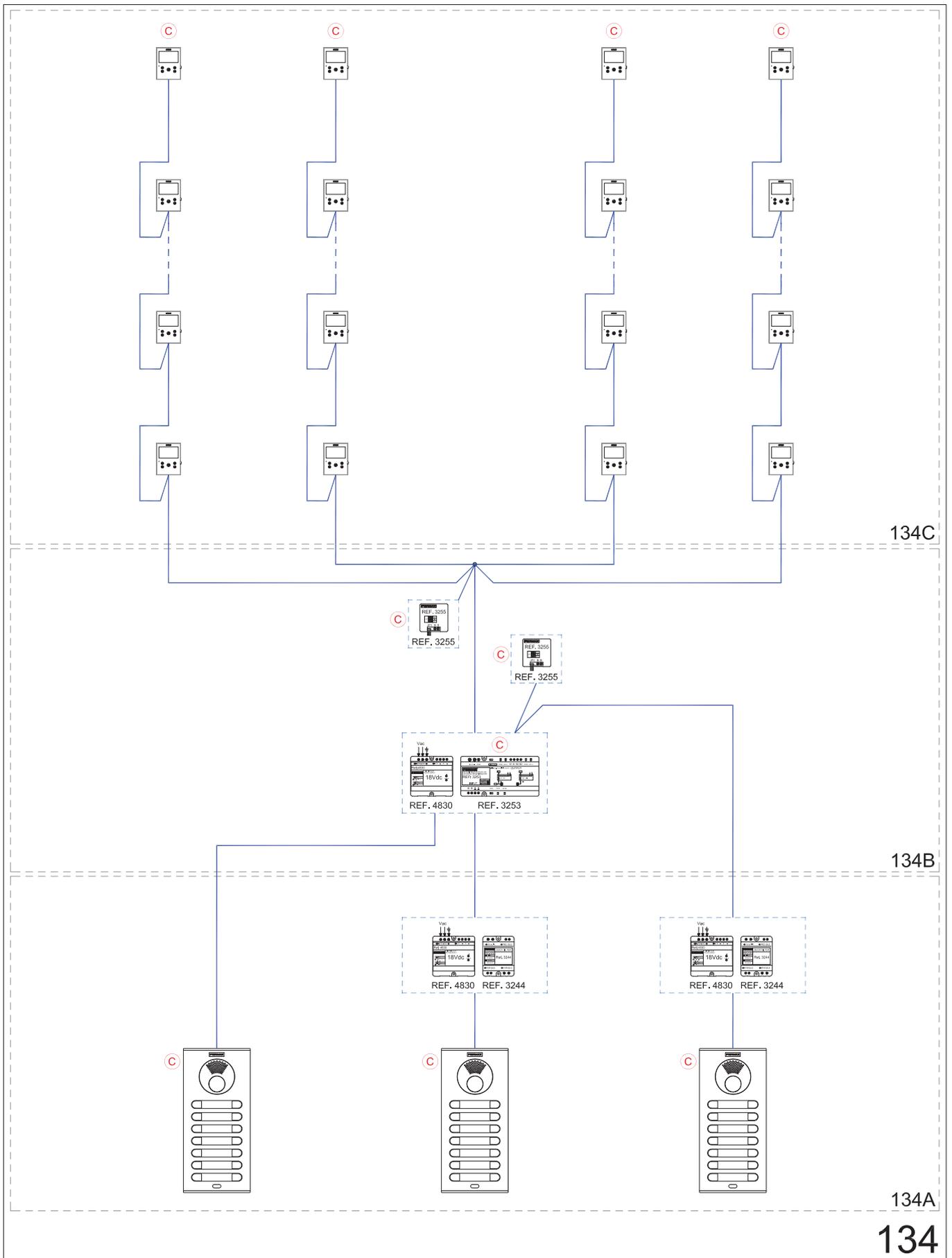


132C

3 video accesses with 4 risers.

Cascade: up to 20 monitors/telephones.

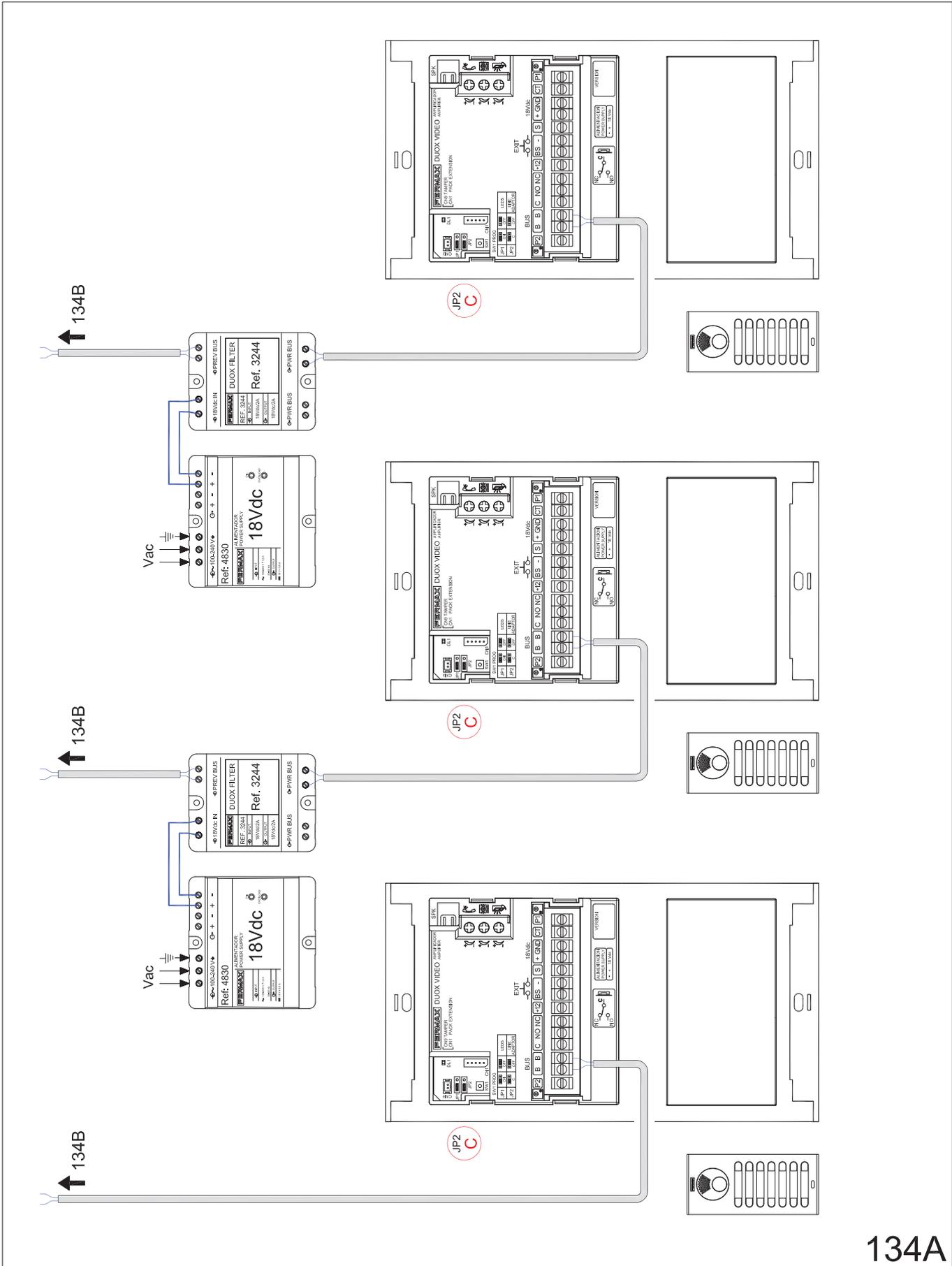
134 - SINGLE-LINE DIAGRAM.



3 video accesses with 4 risers.

Cascade: up to 20 monitors/telephones.

134A - WIRING DIAGRAM. Connection detail: Outdoor panels - Power supply sets.

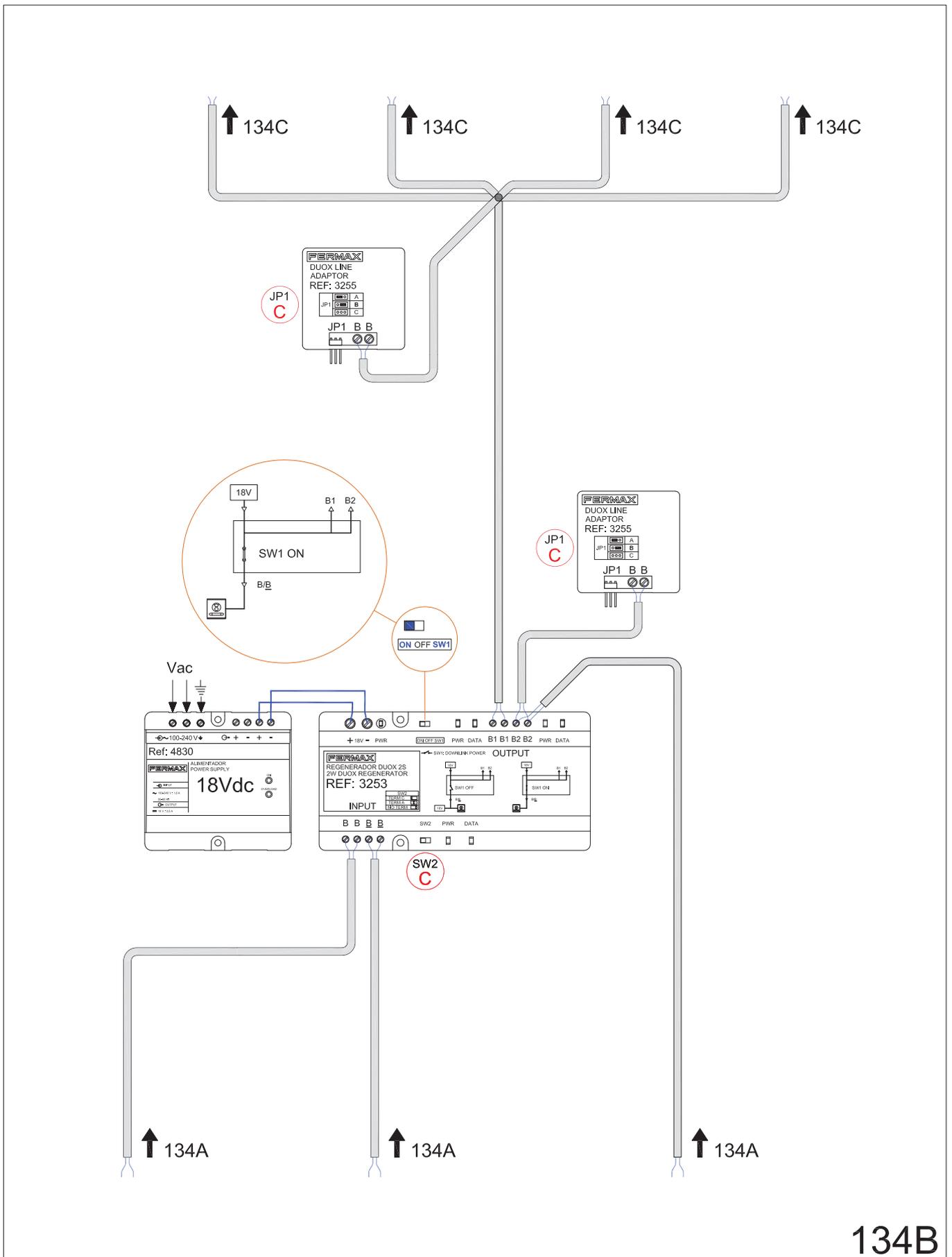


134A

3 video accesses with 4 risers.

Cascade: up to 20 monitors/telephones.

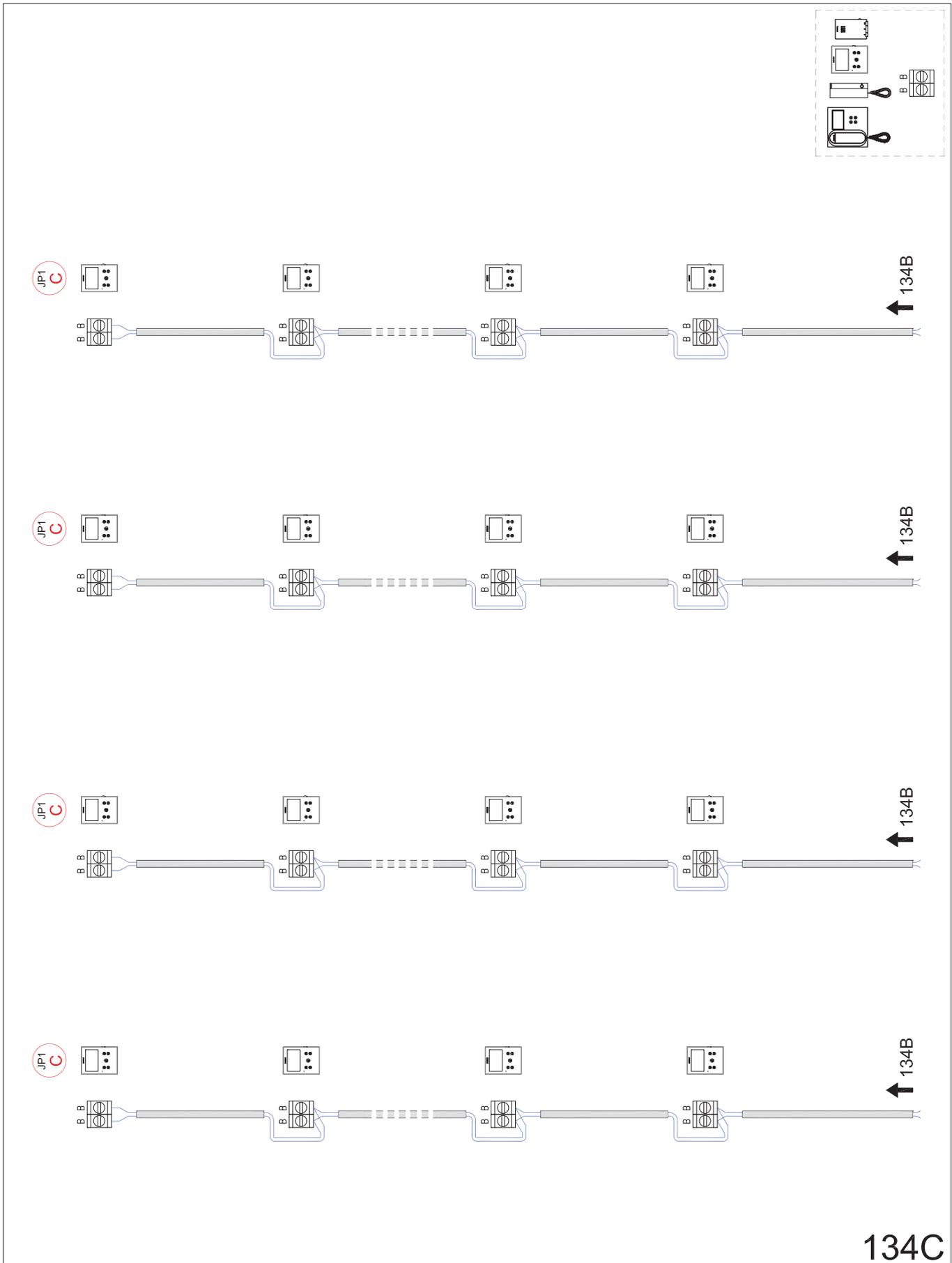
134B - WIRING DIAGRAM. Connection detail: 2S regenerator+Power supply - Line adapters



3 video accesses with 4 risers.

Cascade: up to 20 monitors/telephones.

134C - WIRING DIAGRAM. Connection detail: Floors (Terminals).



2.3.4 GENERAL ENTRANCES TO INTERNAL BLOCKS WITHOUT OUTDOOR PANELS

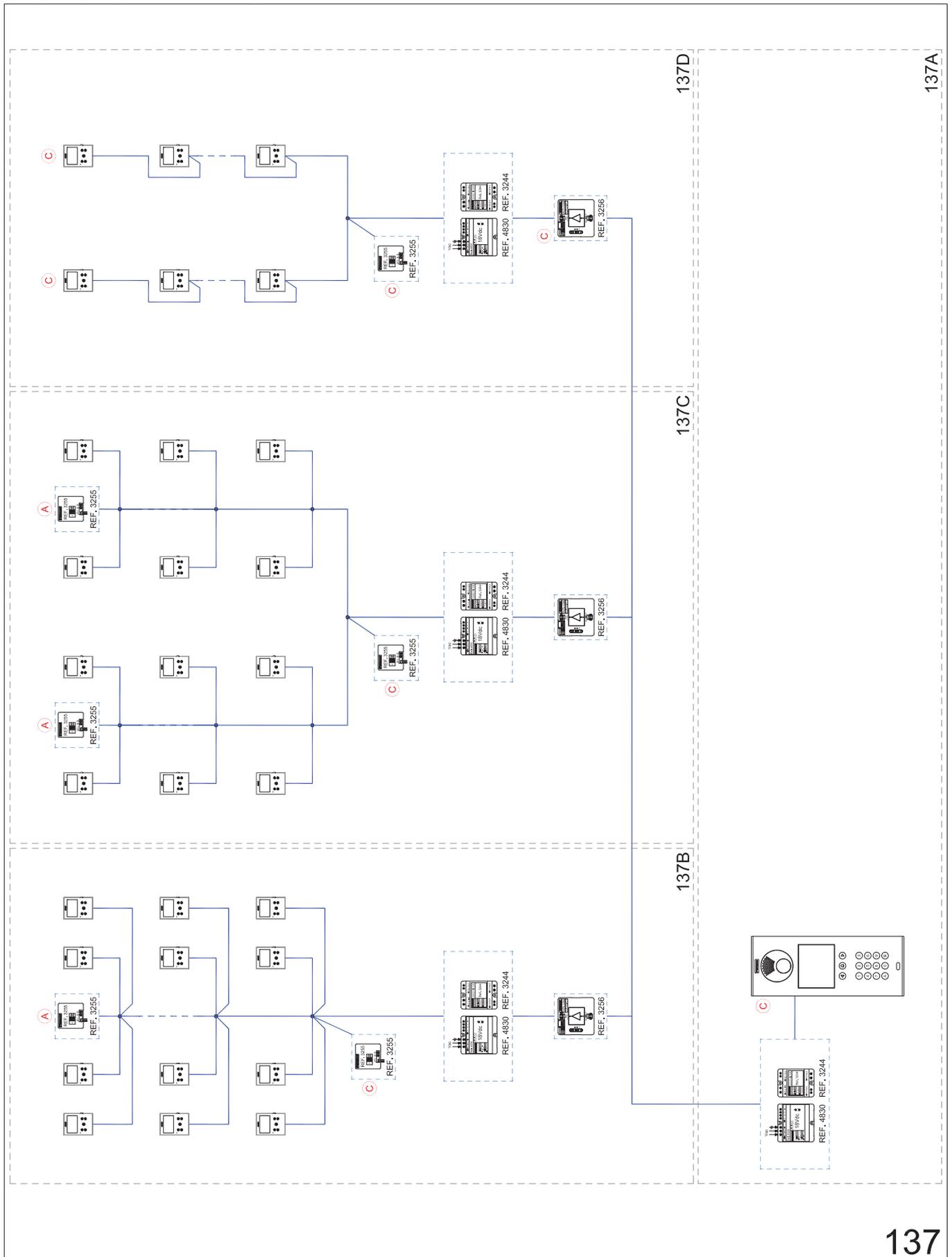
General entrance with 1 video access to 3 internal blocks without outdoor panels.

First block: 1 Riser Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 2 Risers Distribution 2 terminals per floor: up to 20 monitors/telephones.

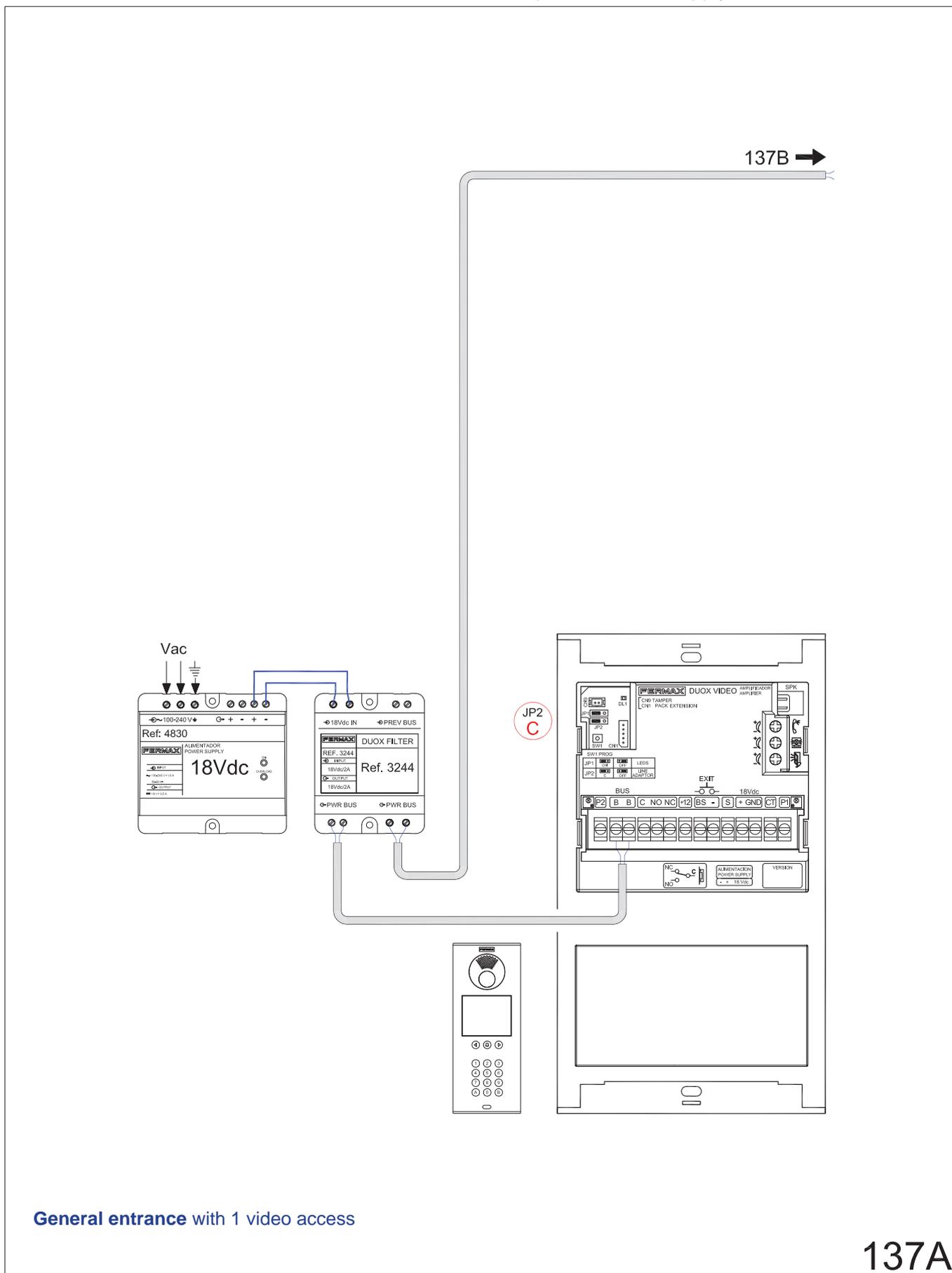
Third block: 2 Risers Cascade: up to 20 monitors/telephones.

137 - SINGLE-LINE DIAGRAM.



General entrance with 1 video access to 3 internal blocks without outdoor panels.
 First block: 1 Riser Distribution 4 terminals per floor: up to 20 monitors/telephones.
 Second block: 2 Risers Distribution 2 terminals per floor: up to 20 monitors/telephones.
 Third block: 2 Risers Cascade: up to 20 monitors/telephones.

137A - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set.



General entrance with 1 video access

137A

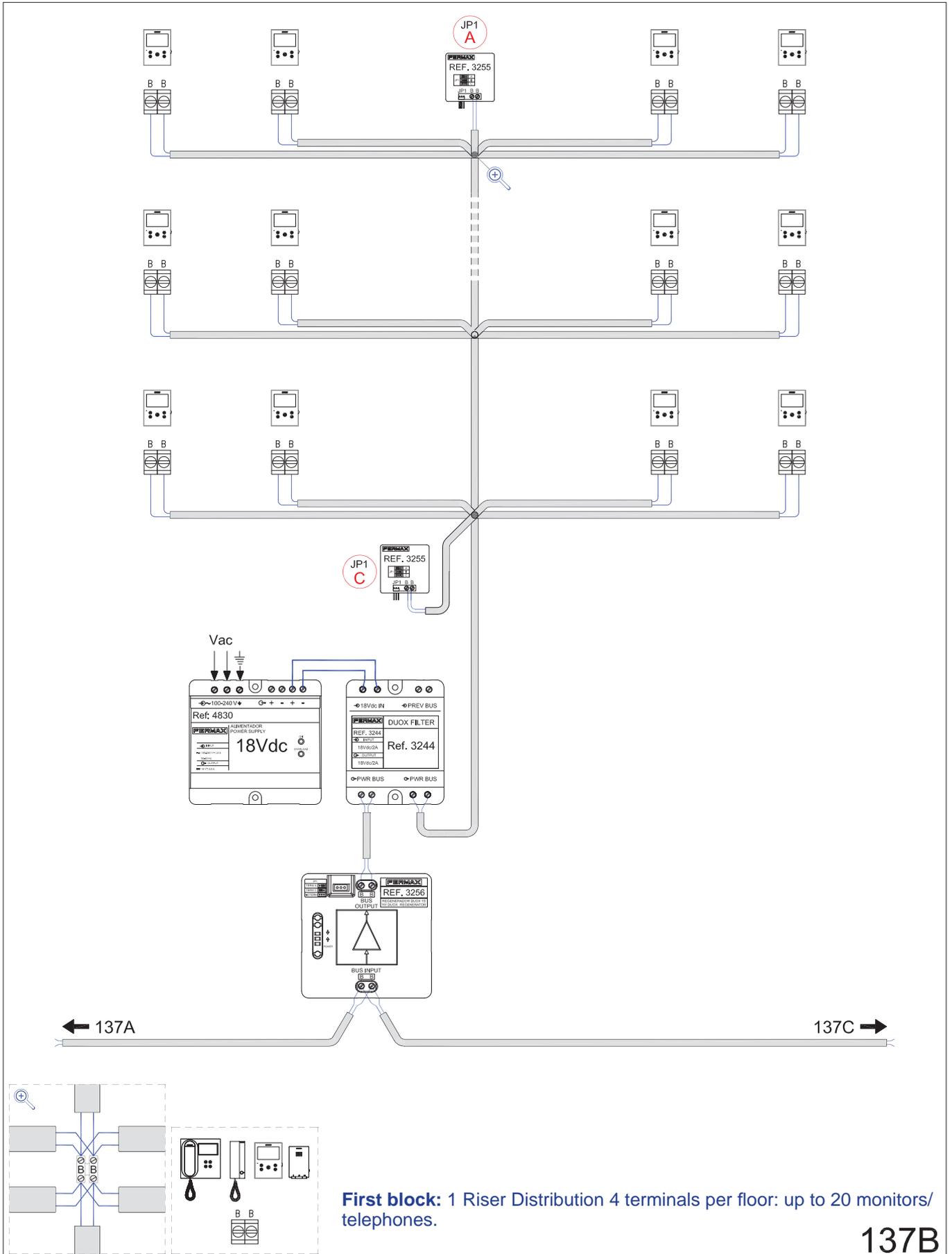
General entrance with 1 video access to 3 internal blocks without outdoor panels.

First block: 1 Riser Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 2 Risers Distribution 2 terminals per floor: up to 20 monitors/telephones.

Third block: 2 Risers Cascade: up to 20 monitors/telephones.

137B - WIRING DIAGRAM. Connection detail: 1S regenerator - Power supply set - Floors (Terminals - Line adapters).



First block: 1 Riser Distribution 4 terminals per floor: up to 20 monitors/telephones.

137B

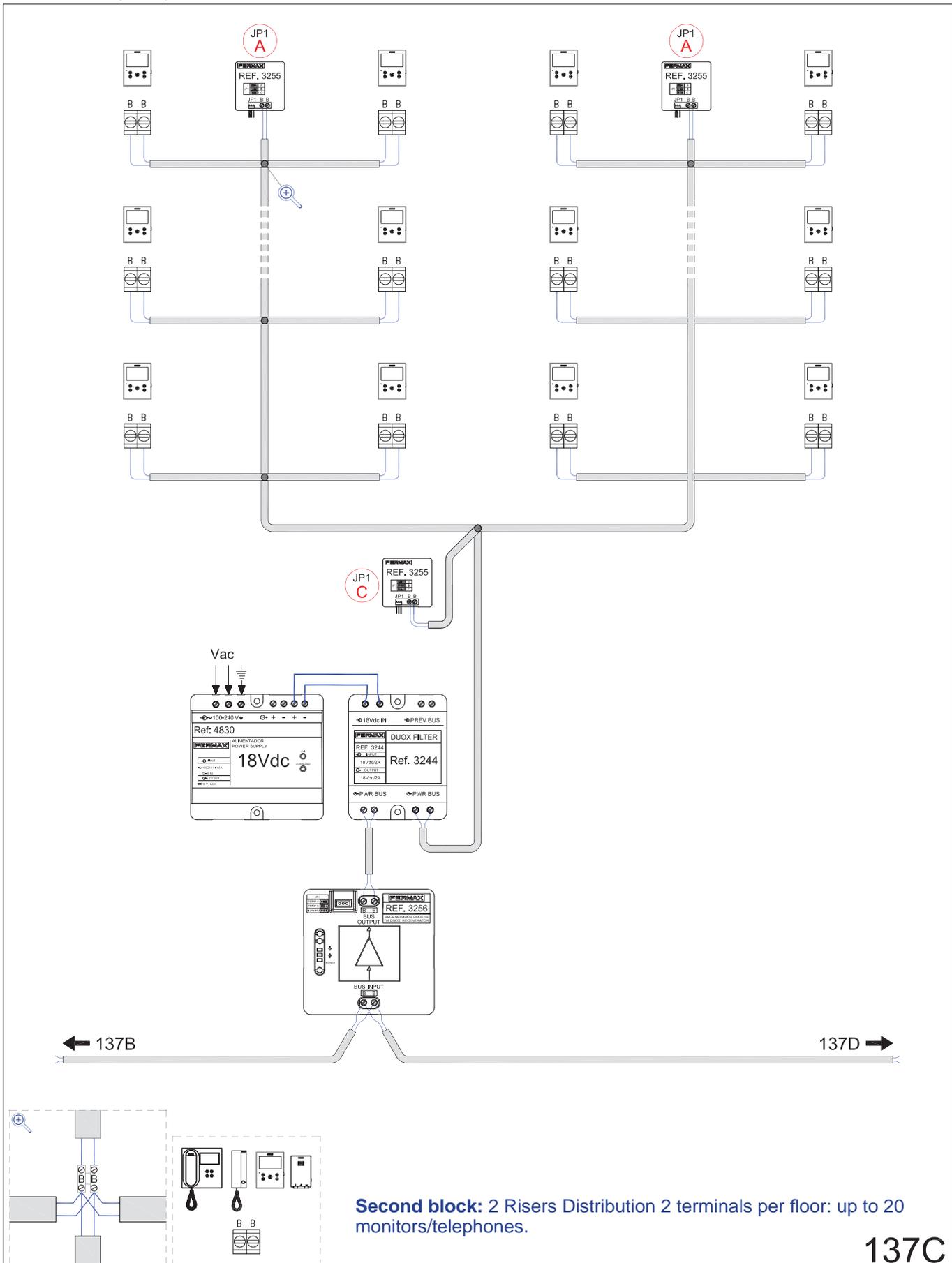
General entrance with 1 video access to 3 internal blocks without outdoor panels.

First block: 1 Riser Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 2 Risers Distribution 2 terminals per floor: up to 20 monitors/telephones.

Third block: 2 Risers Cascade: up to 20 monitors/telephones.

137C - WIRING DIAGRAM. Connection detail: 1S regenerator - Power supply set - Floors (Terminals - Line adapters).



Second block: 2 Risers Distribution 2 terminals per floor: up to 20 monitors/telephones.

137C

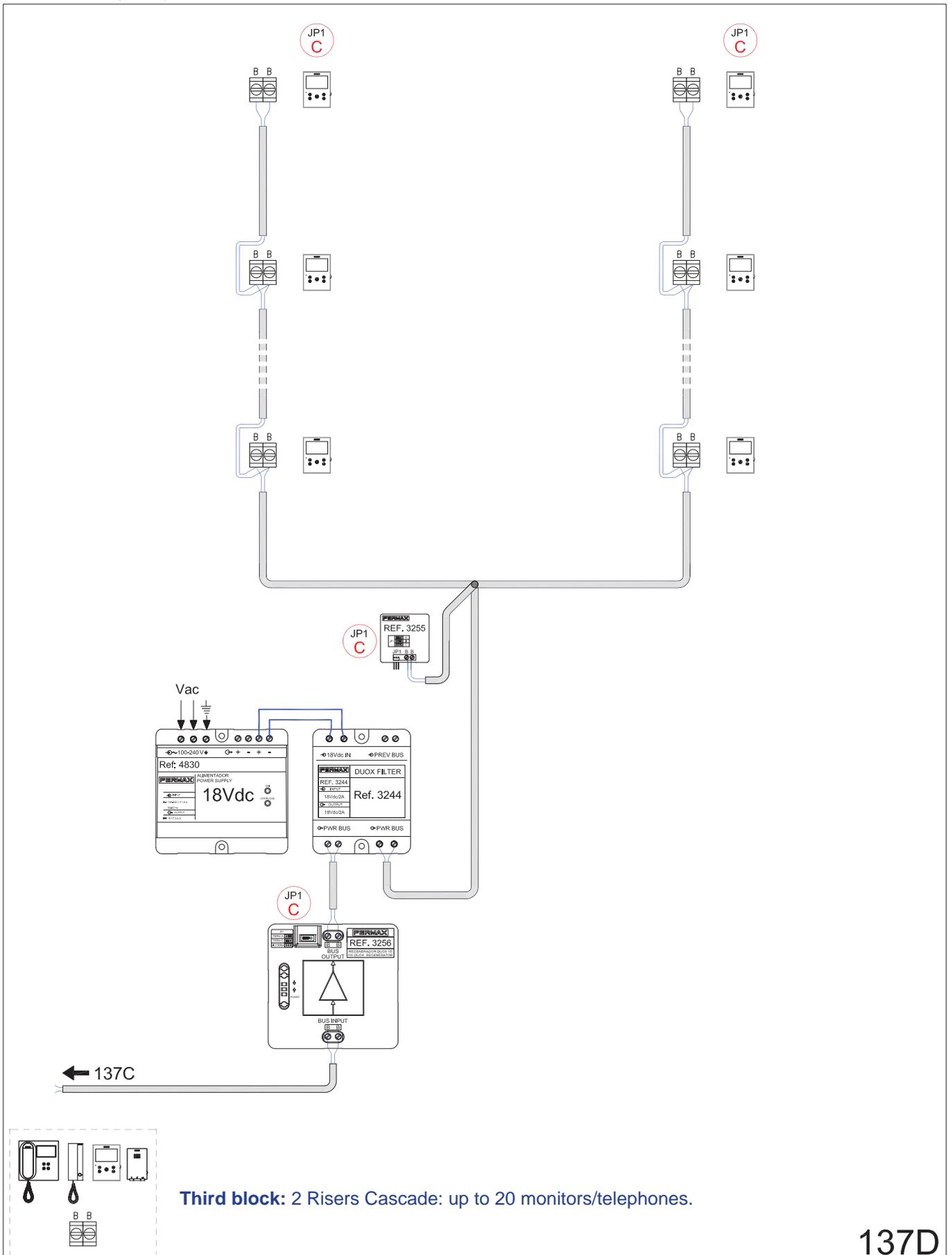
General entrance with 1 video access to 3 internal blocks without outdoor panels.

First block: 1 Riser Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 2 Risers Distribution 2 terminals per floor: up to 20 monitors/telephones.

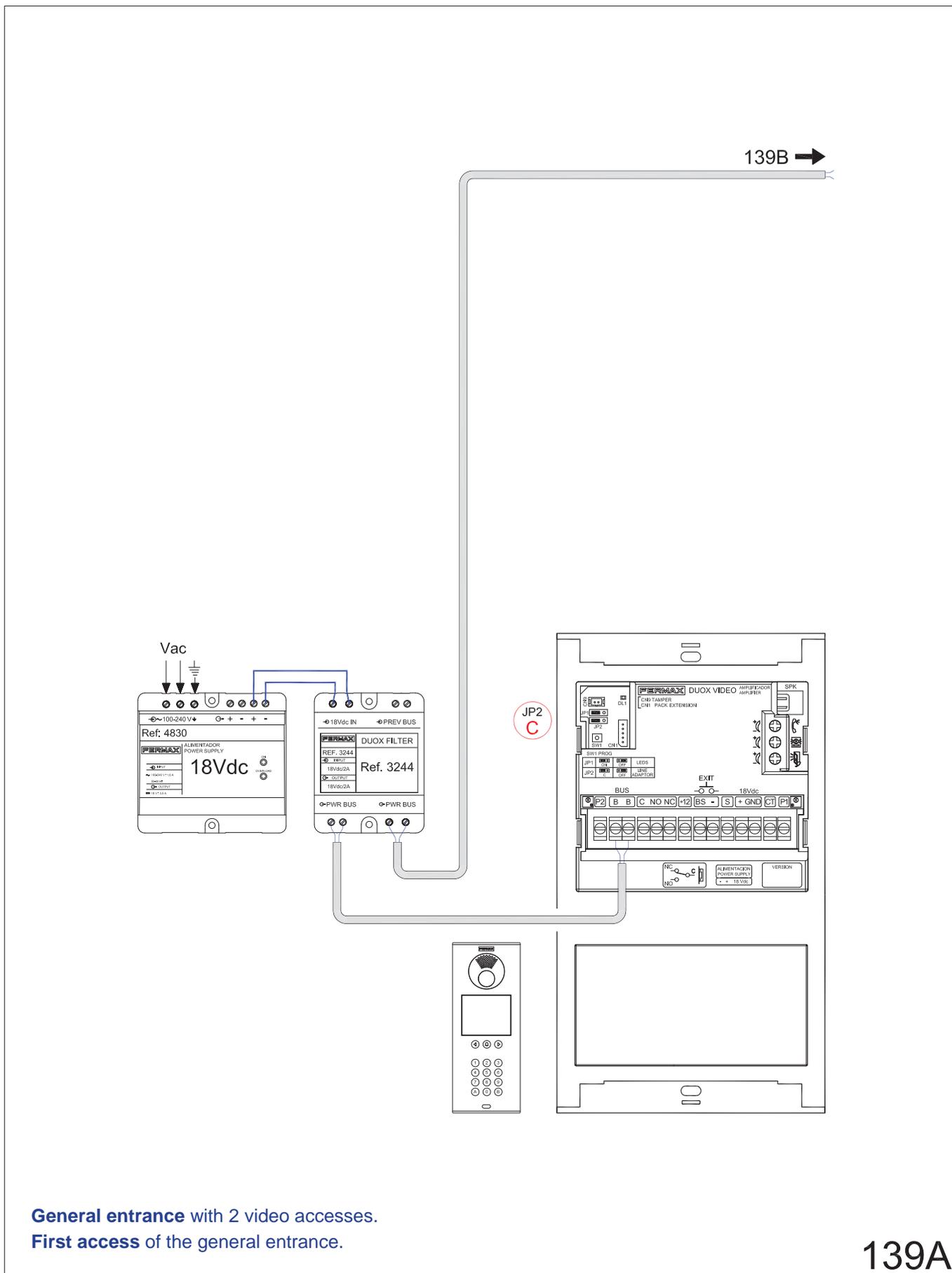
Third block: 2 Risers Cascade: up to 20 monitors/telephones.

137D - WIRING DIAGRAM. Connection detail: 1S regenerator - Power supply set - Floors (Terminals - Line adapters).



General entrance with 2 video accesses to 3 internal blocks without outdoor panels.
 First block: 1 Riser Distribution 4 terminals per floor: up to 20 monitors/telephones.
 Second block: 2 Risers Distribution 2 terminals per floor: up to 20 monitors/telephones.
 Third block: 2 Risers Cascade: up to 20 monitors/telephones.

139A - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set.



General entrance with 2 video accesses.
 First access of the general entrance.

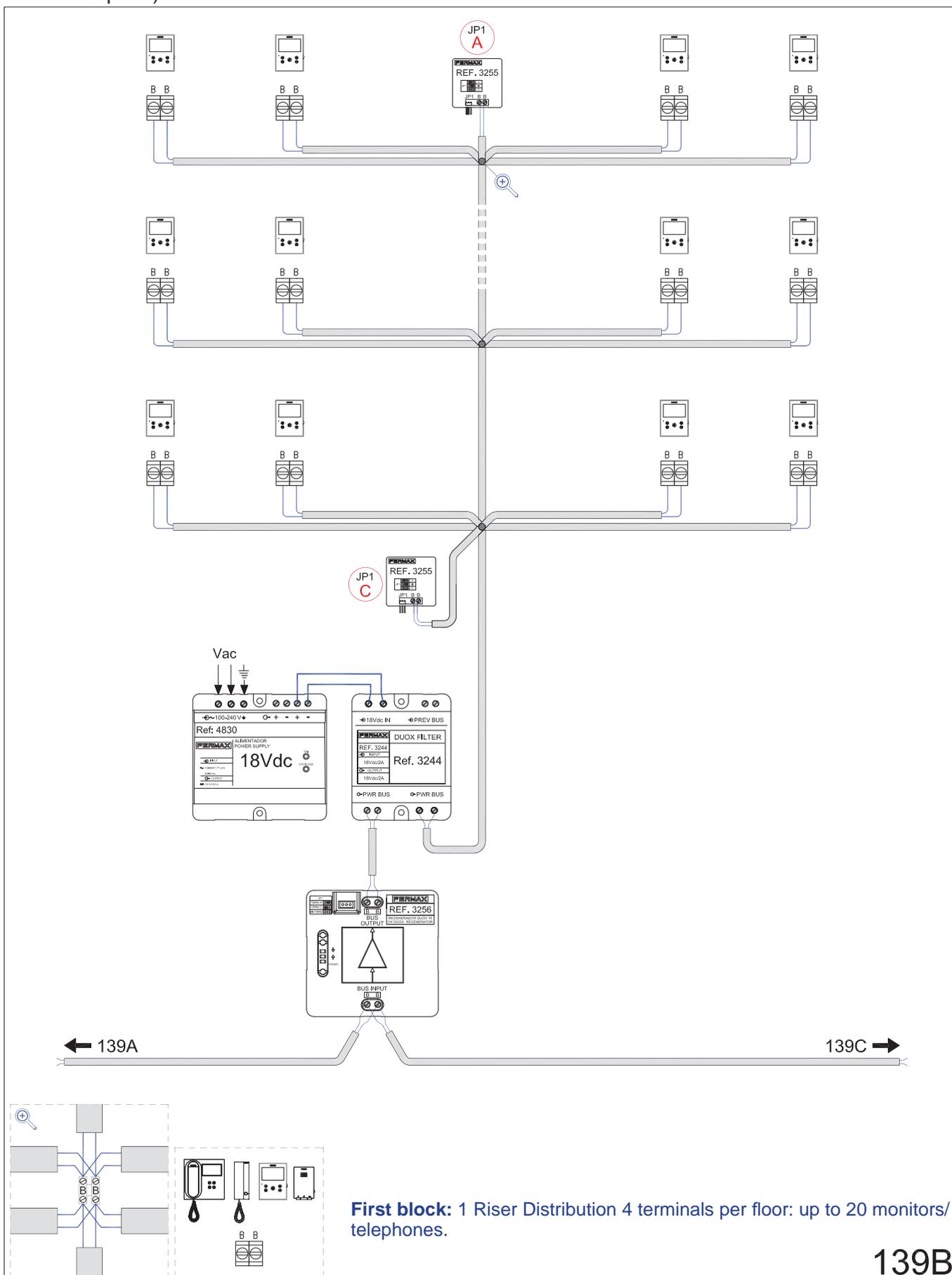
General entrance with 2 video accesses to 3 internal blocks without outdoor panels.

First block: 1 Riser Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 2 Risers Distribution 2 terminals per floor: up to 20 monitors/telephones.

Third block: 2 Risers Cascade: up to 20 monitors/telephones.

139B - WIRING DIAGRAM. Connection detail: 1S regenerator - Power supply set - Floors (Terminals - Line adapters).



139B

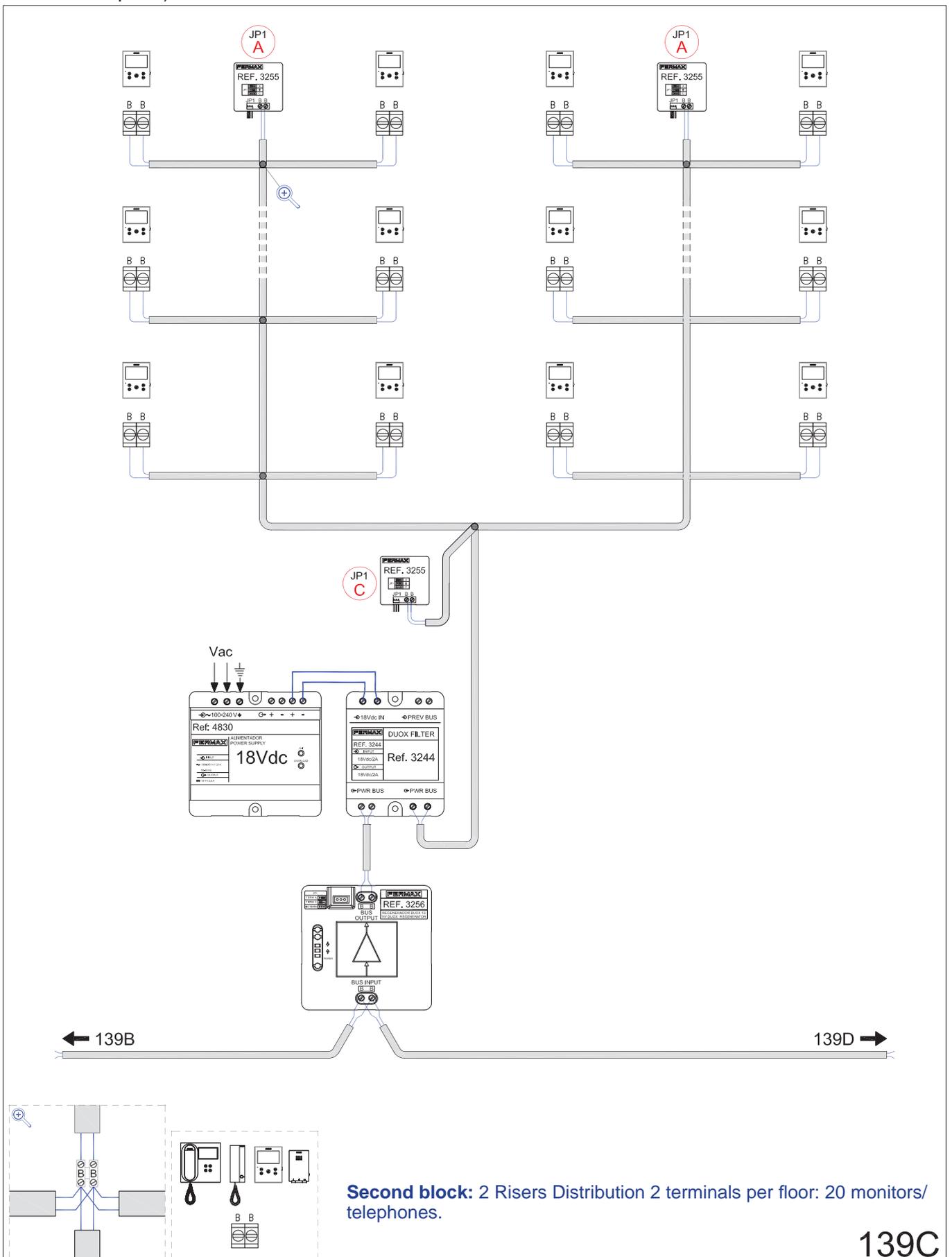
General entrance with 2 video accesses to 3 internal blocks without outdoor panels.

First block: 1 Riser Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 2 Risers Distribution 2 terminals per floor: up to 20 monitors/telephones.

Third block: 2 Risers Cascade: up to 20 monitors/telephones.

139C - WIRING DIAGRAM. Connection detail: 1S regenerator - Power supply set - Floors (Terminals - Line adapters).



Second block: 2 Risers Distribution 2 terminals per floor: 20 monitors/ telephones.

139C

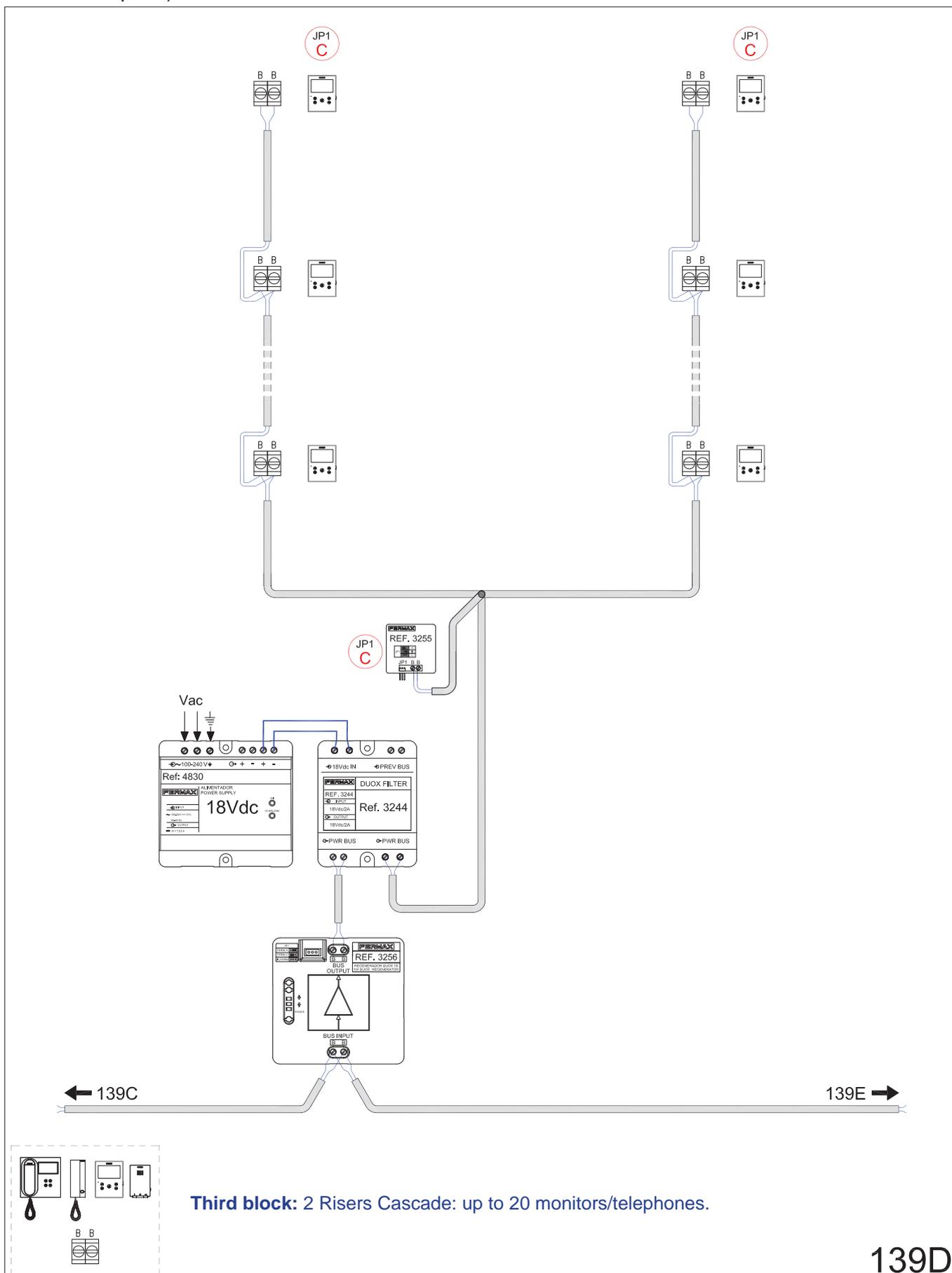
General entrance with 2 video accesses to 3 internal blocks without outdoor panels.

First block: 1 Riser Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 2 Risers Distribution 2 terminals per floor: up to 20 monitors/telephones.

Third block: 2 Risers Cascade: up to 20 monitors/telephones.

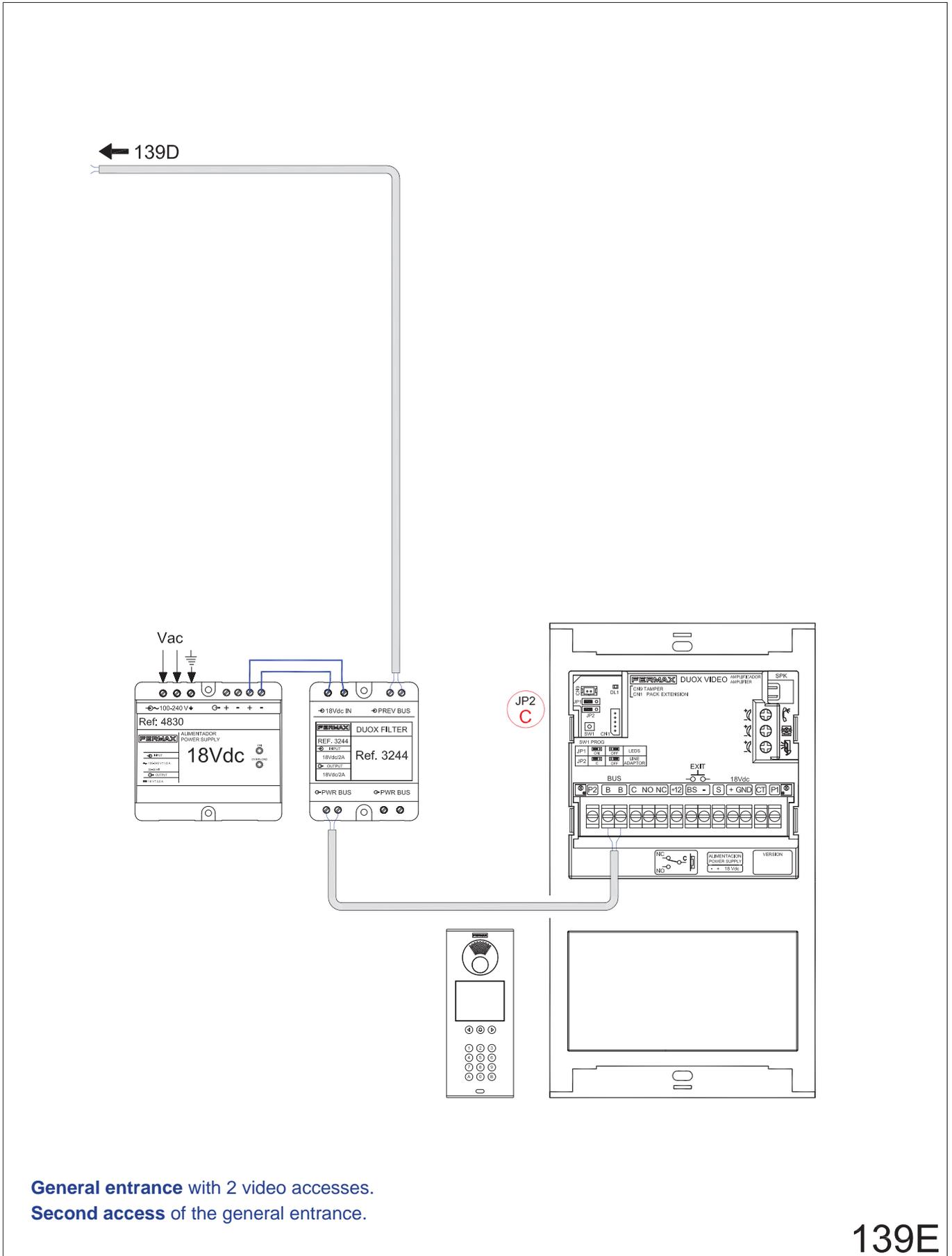
139D - WIRING DIAGRAM. Connection detail: 1S regenerator - Power supply set - Floors (Terminals - Line adapters).



139D

General entrance with 2 video accesses to 3 internal blocks without outdoor panels.
 First block: 1 Riser Distribution 4 terminals per floor: up to 20 monitors/telephones.
 Second block: 2 Risers Distribution 2 terminals per floor: up to 20 monitors/telephones.
 Third block: 2 Risers Cascade: up to 20 monitors/telephones.

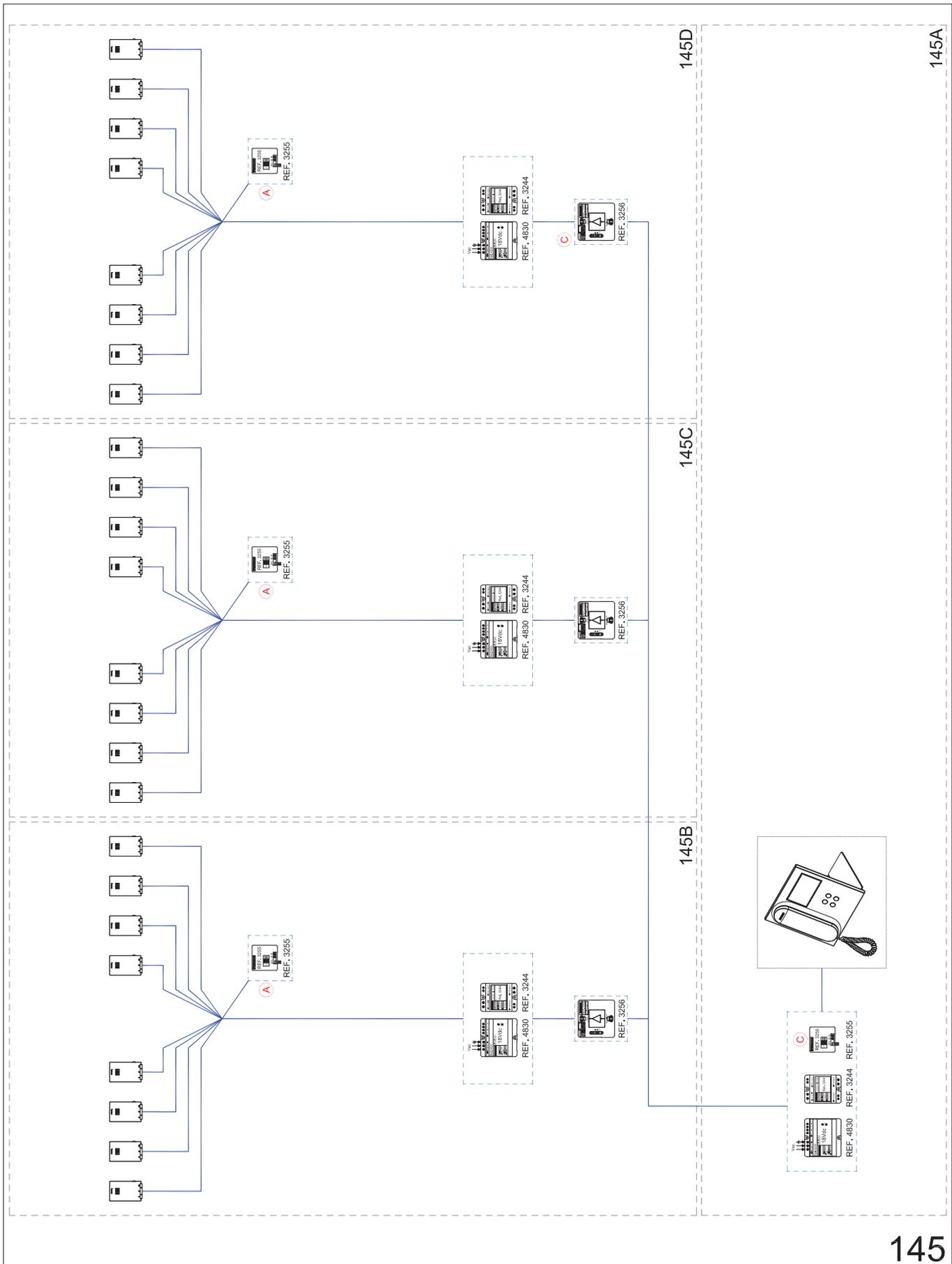
139E - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set.



General entrance with 2 video accesses.
 Second access of the general entrance.

General entrance with 1 audio guard unit to 3 distributions in star format without outdoor panels.
 First Star: 8 Villas.
 Second Star: 8 Villas.
 Third Star: 8 Villas.

145 - SINGLE-LINE DIAGRAM.



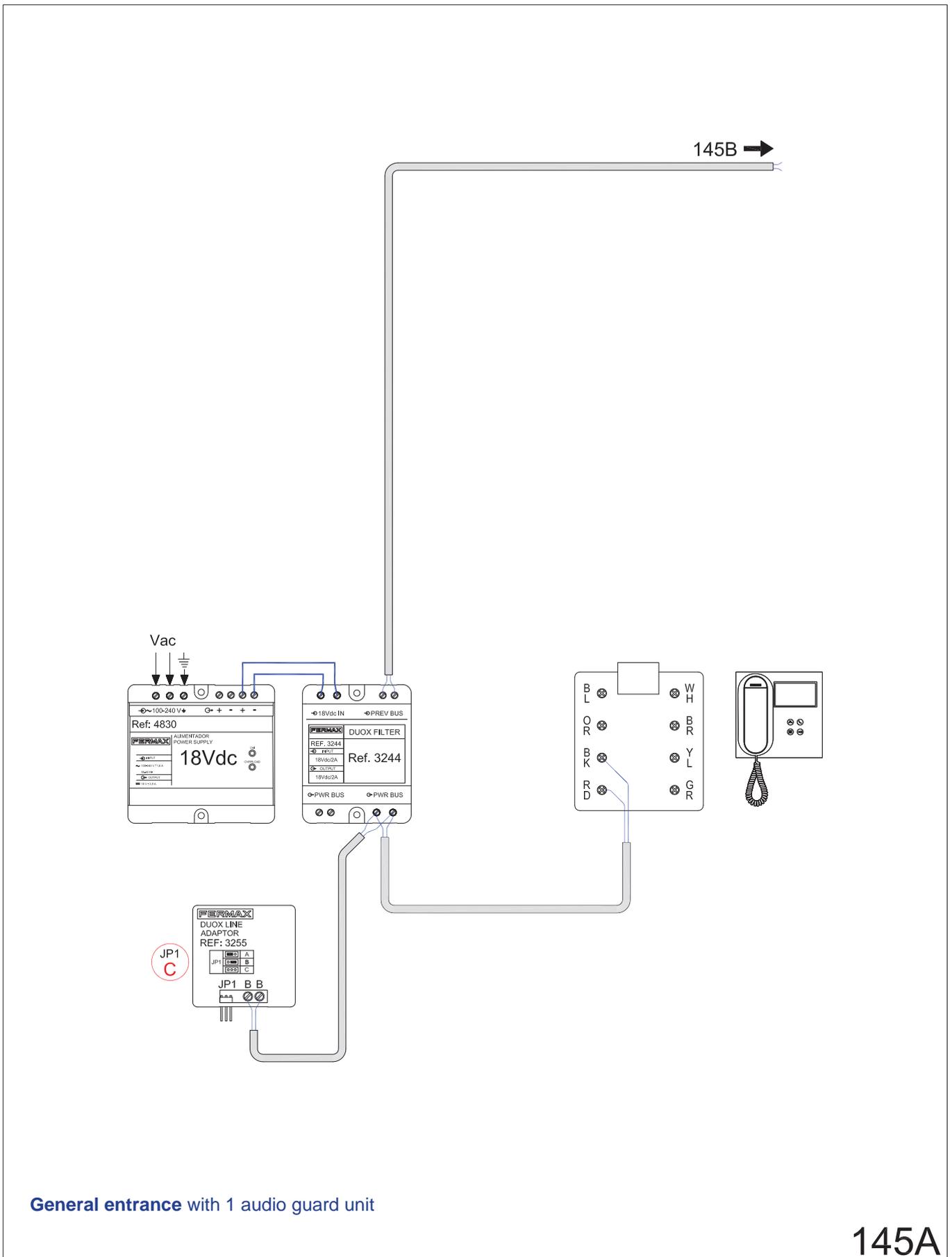
General entrance with 1 audio guard unit to 3 distributions in star format without outdoor panels.

First Star: 8 Villas.

Second Star: 8 Villas.

Third Star: 8 Villas.

145A - WIRING DIAGRAM. Connection detail: Guard unit - Power supply set - Line adaptor.



General entrance with 1 audio guard unit

145A

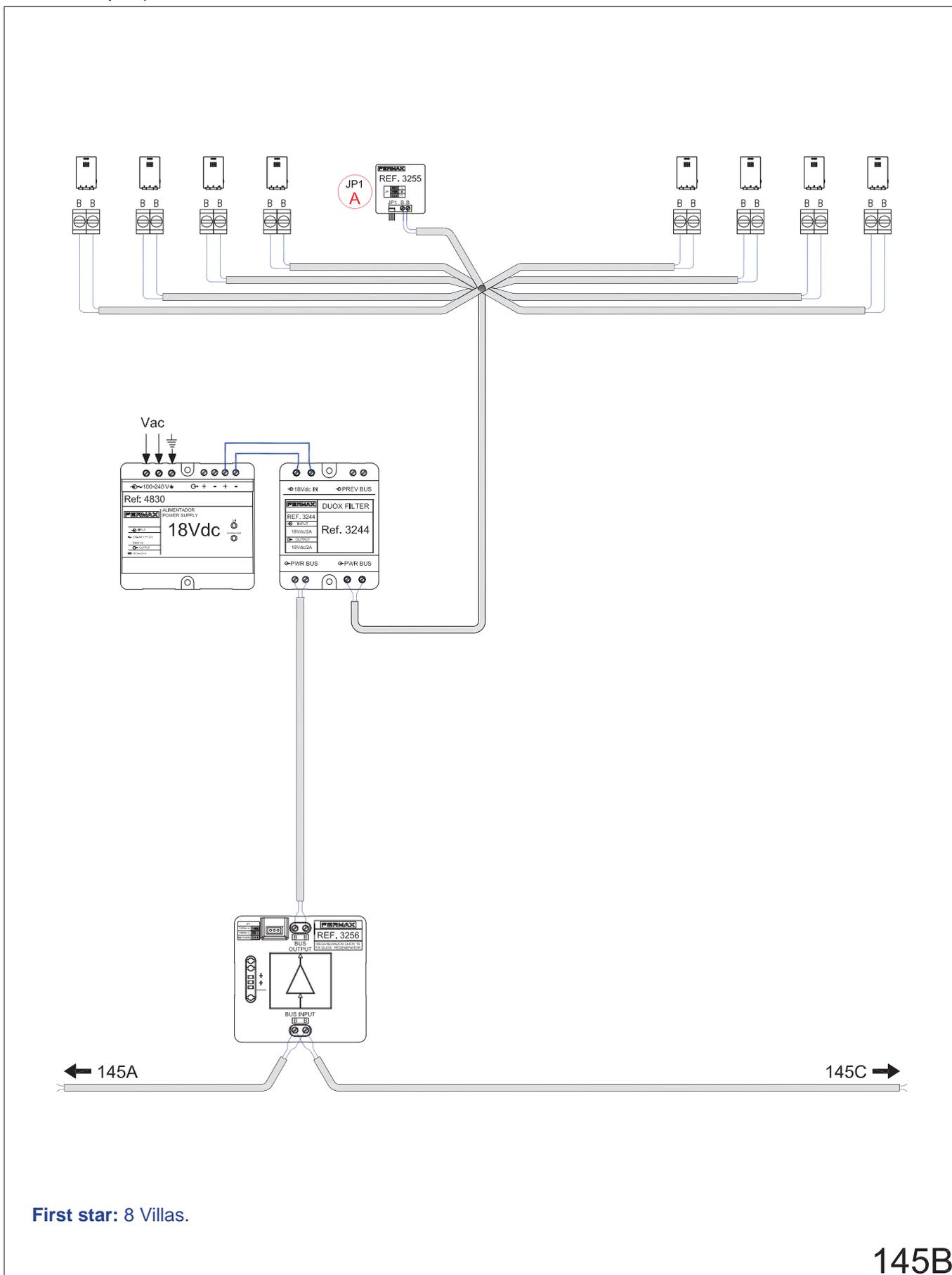
General entrance with 1 audio guard unit to 3 distributions in star format without outdoor panels.

First Star: 8 Villas.

Second Star: 8 Villas.

Third Star: 8 Villas.

145B - WIRING DIAGRAM. Connection detail: 1S regenerator - Power supply set - Star (Terminals - Line adapter).



First star: 8 Villas.

145B

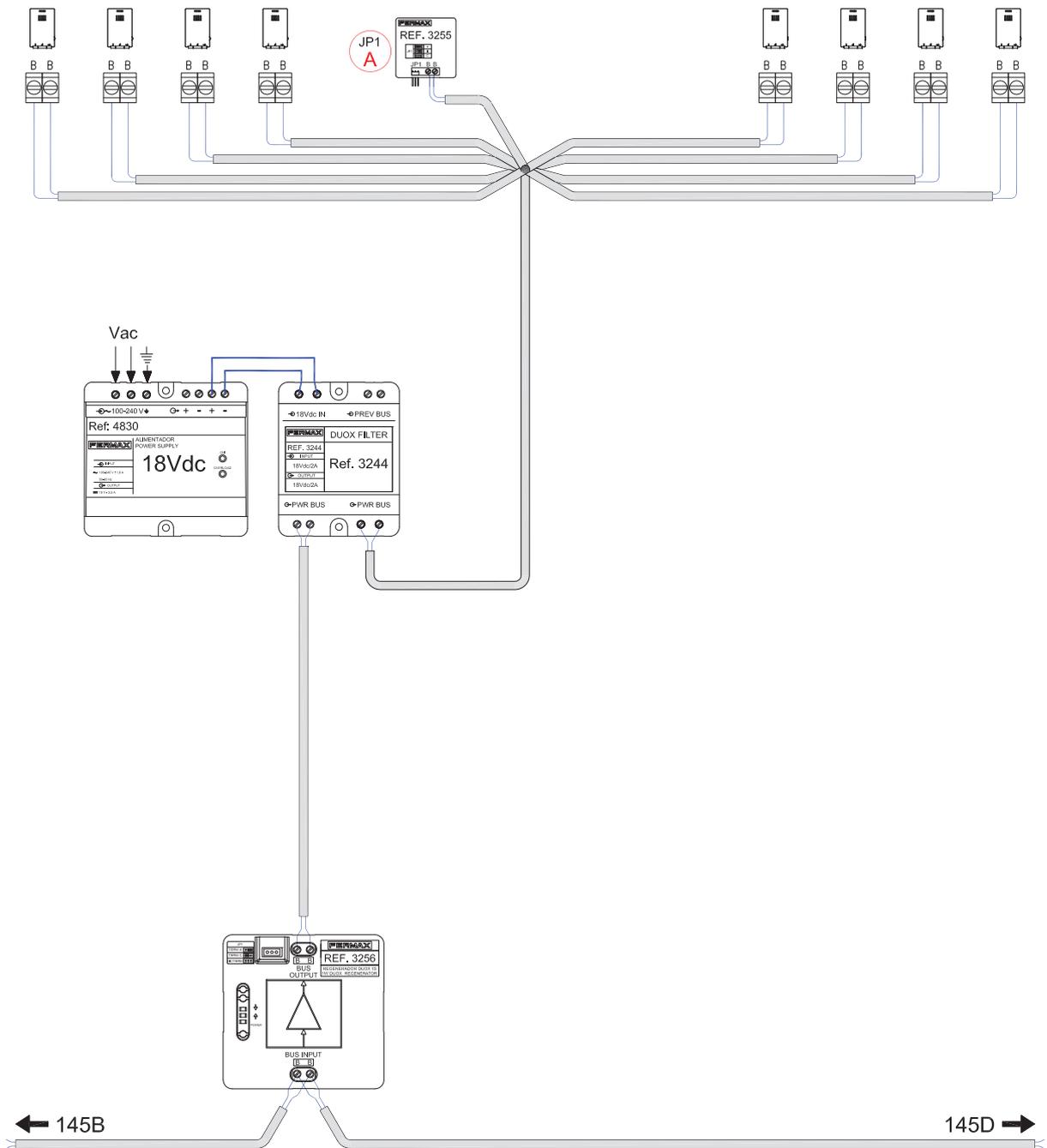
General entrance with 1 audio guard unit to 3 distributions in star format without outdoor panels.

First Star: 8 Villas.

Second Star: 8 Villas.

Third Star: 8 Villas.

145C - WIRING DIAGRAM. Connection detail: 1S regenerator - Power supply set - Star (Terminals - Line adapter).



Second star: 8 Villas.

145C

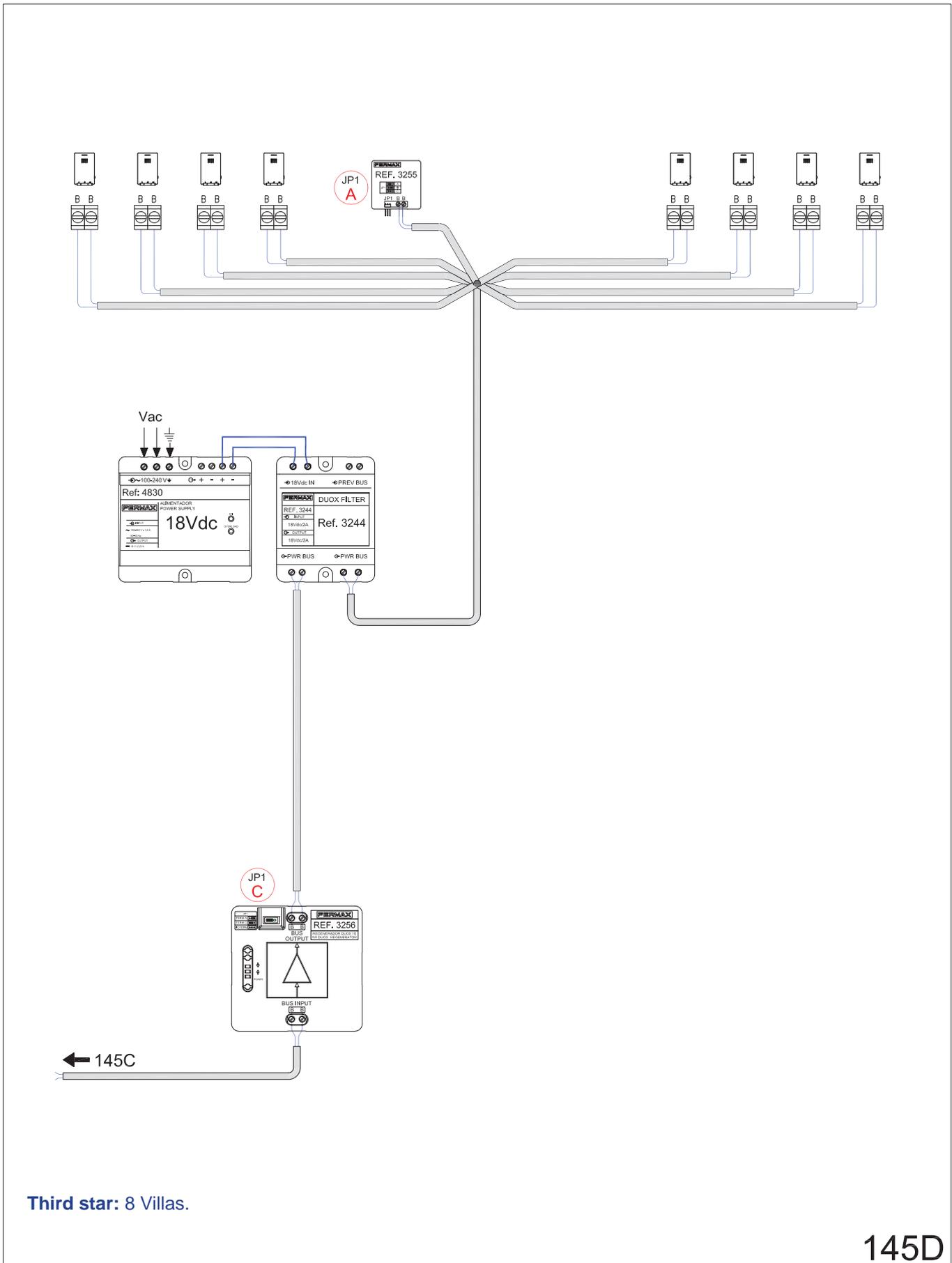
General entrance with 1 audio guard unit to 3 distributions in star format without outdoor panels.

First Star: 8 Villas.

Second Star: 8 Villas.

Third Star: 8 Villas.

145D - WIRING DIAGRAM. Connection detail: 1S regenerator - Power supply set - Star (Terminals - Line adapter).

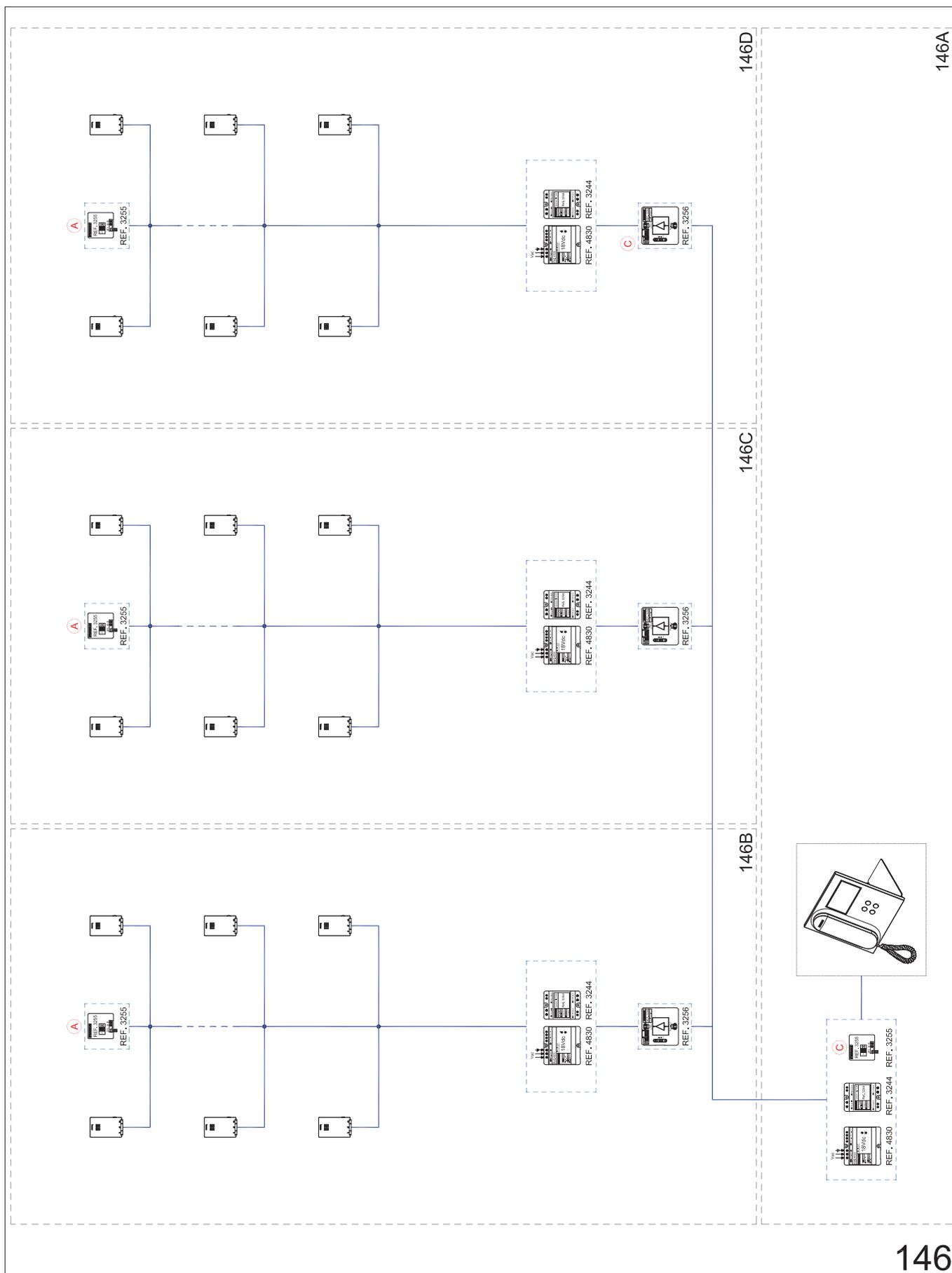


Third star: 8 Villas.

145D

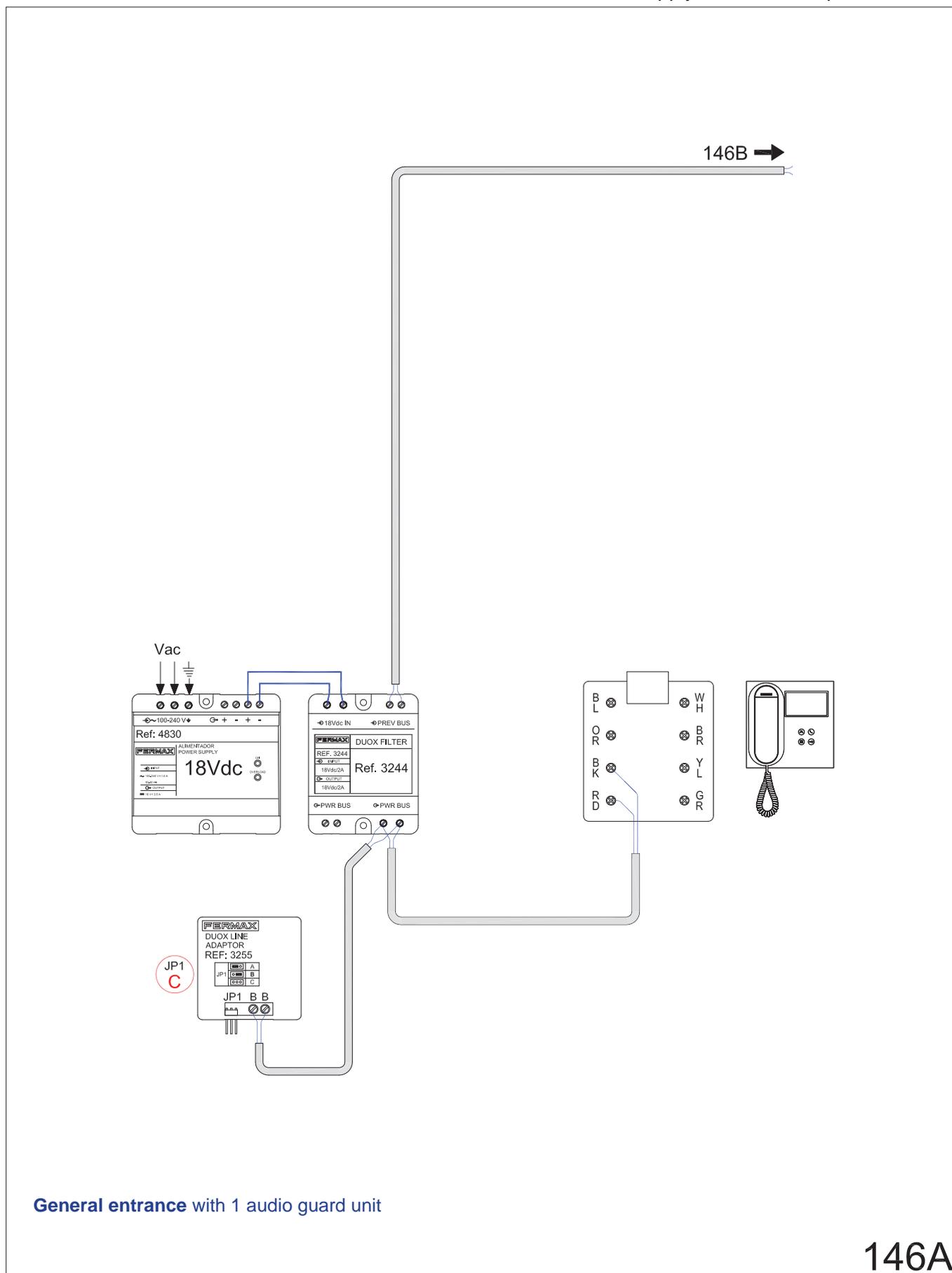
General entrance with 1 audio guard unit to 3 equal internal blocks without outdoor panels.
 Each block. 1 Riser Distribution 2 terminals per floor: up to 20 monitors/telephones.

146 - SINGLE-LINE DIAGRAM.



General entrance with 1 audio guard unit to 3 equal internal blocks without outdoor panels.
 Each block. 1 Riser Distribution 2 terminals per floor: up to 20 monitors/telephones.

146A - WIRING DIAGRAM. Connection detail: Guard unit - Power supply set - Line adapter.

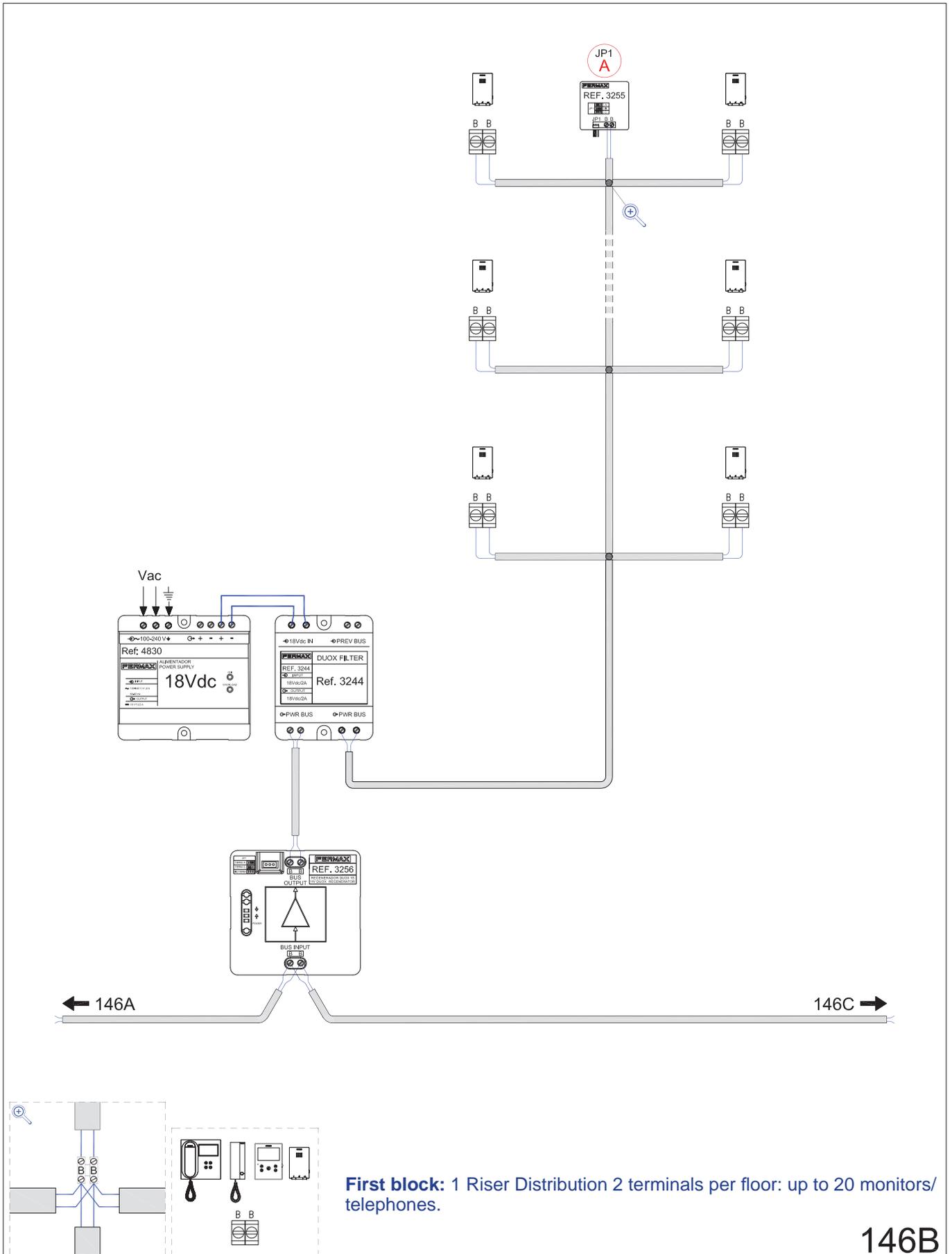


General entrance with 1 audio guard unit

146A

General entrance with 1 audio guard unit to 3 equal internal blocks without outdoor panels.
 Each block. 1 Riser Distribution 2 terminals per floor: up to 20 monitors/telephones.

146B - WIRING DIAGRAM. Connection detail: 1S regenerator - Power supply set - Floors (Terminals - Line adapters).

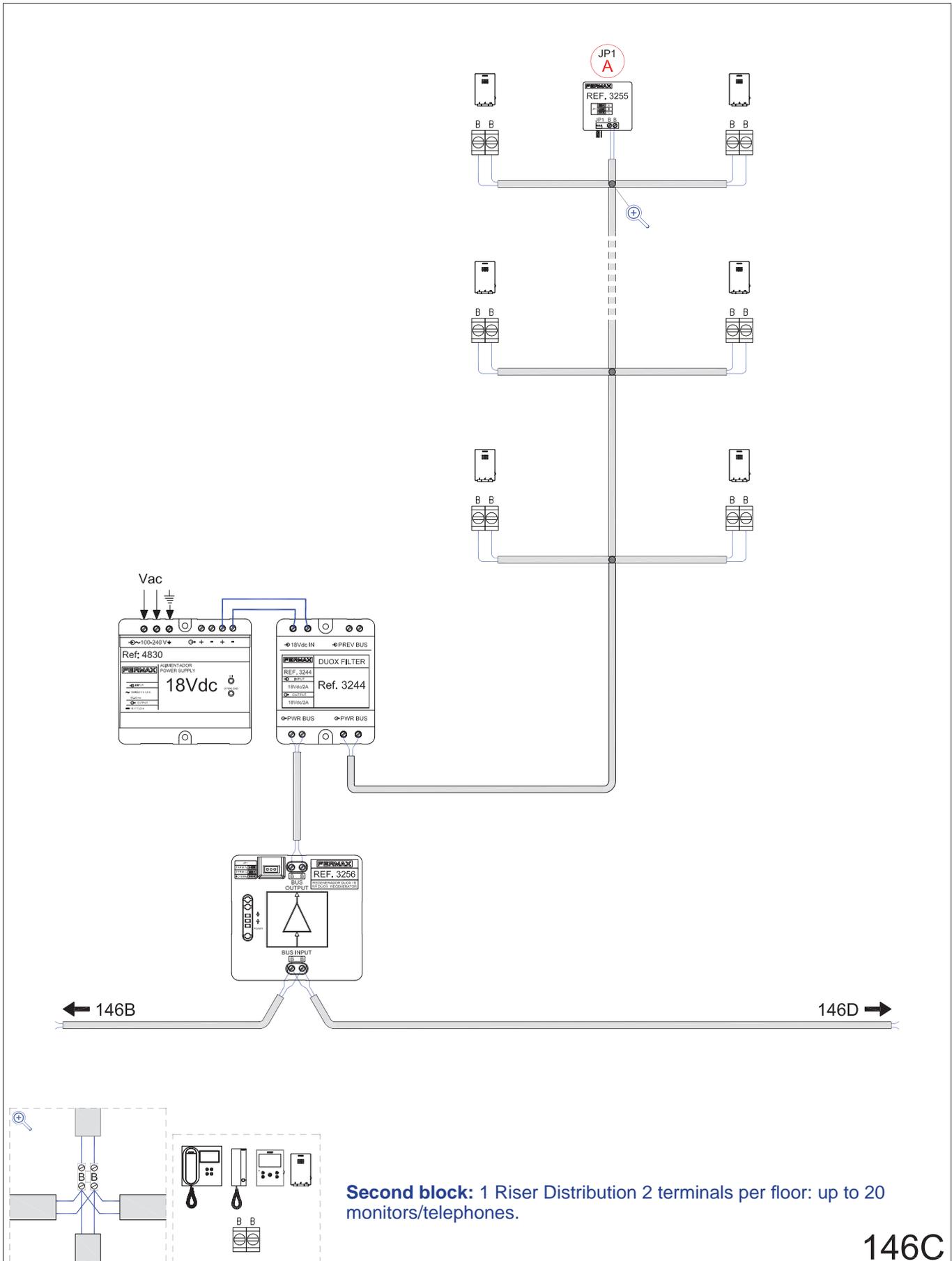


First block: 1 Riser Distribution 2 terminals per floor: up to 20 monitors/ telephones.

146B

General entrance with 1 audio guard unit to 3 equal internal blocks without outdoor panels.
 Each block. 1 Riser Distribution 2 terminals per floor: up to 20 monitors/telephones.

146C - WIRING DIAGRAM. Connection detail: 1S regenerator - Power supply set - Floors (Terminals - Line adapters).

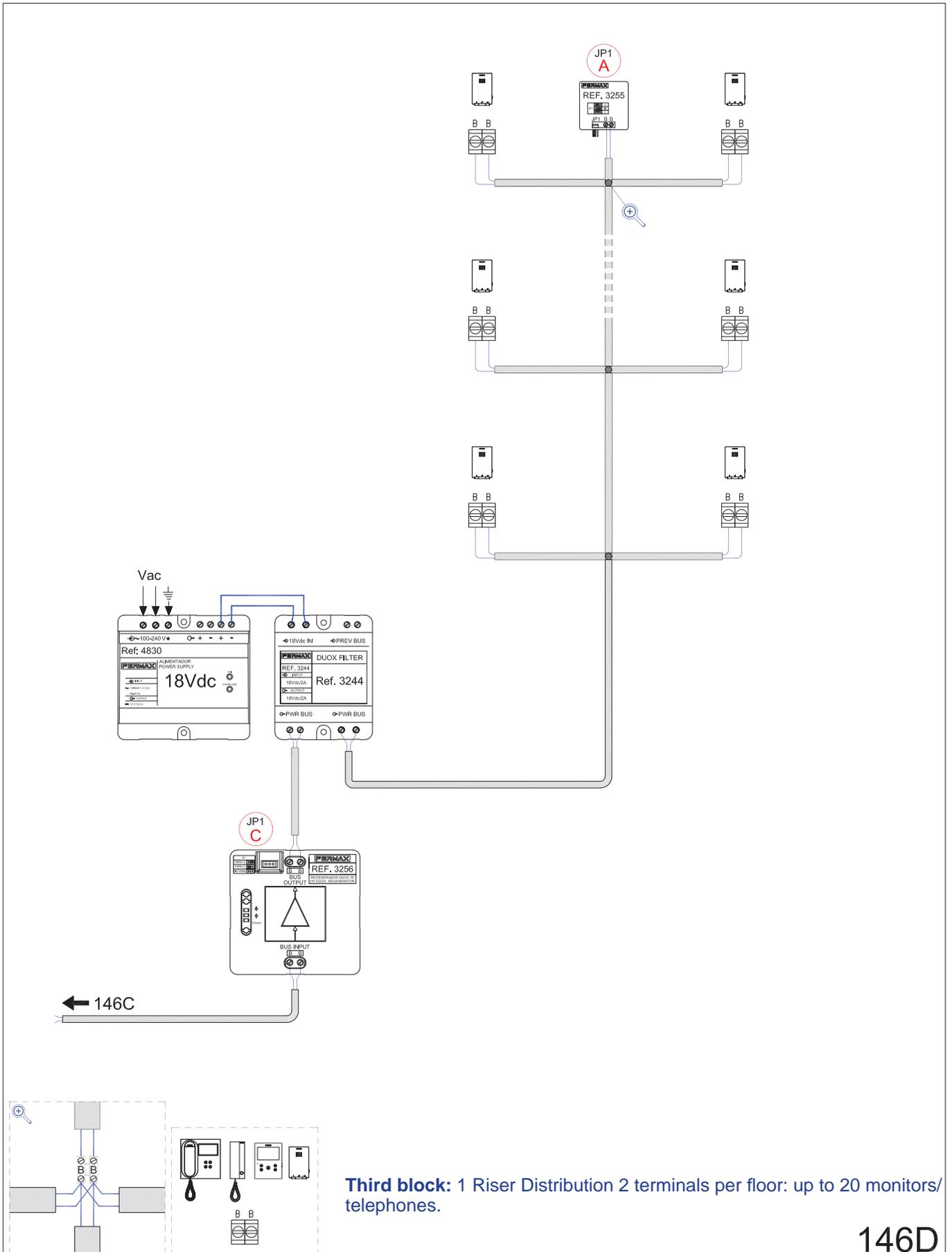


Second block: 1 Riser Distribution 2 terminals per floor: up to 20 monitors/telephones.

146C

General entrance with 1 audio guard unit to 3 equal internal blocks without outdoor panels.
 Each block. 1 Riser Distribution 2 terminals per floor: up to 20 monitors/telephones.

146D - WIRING DIAGRAM. Connection detail: 1S regenerator - Power supply set - Floors (Terminals - Line adapters).



146D

2.3.5 GENERAL ENTRANCES TO INTERNAL BLOCKS WITH OUTDOOR PANELS

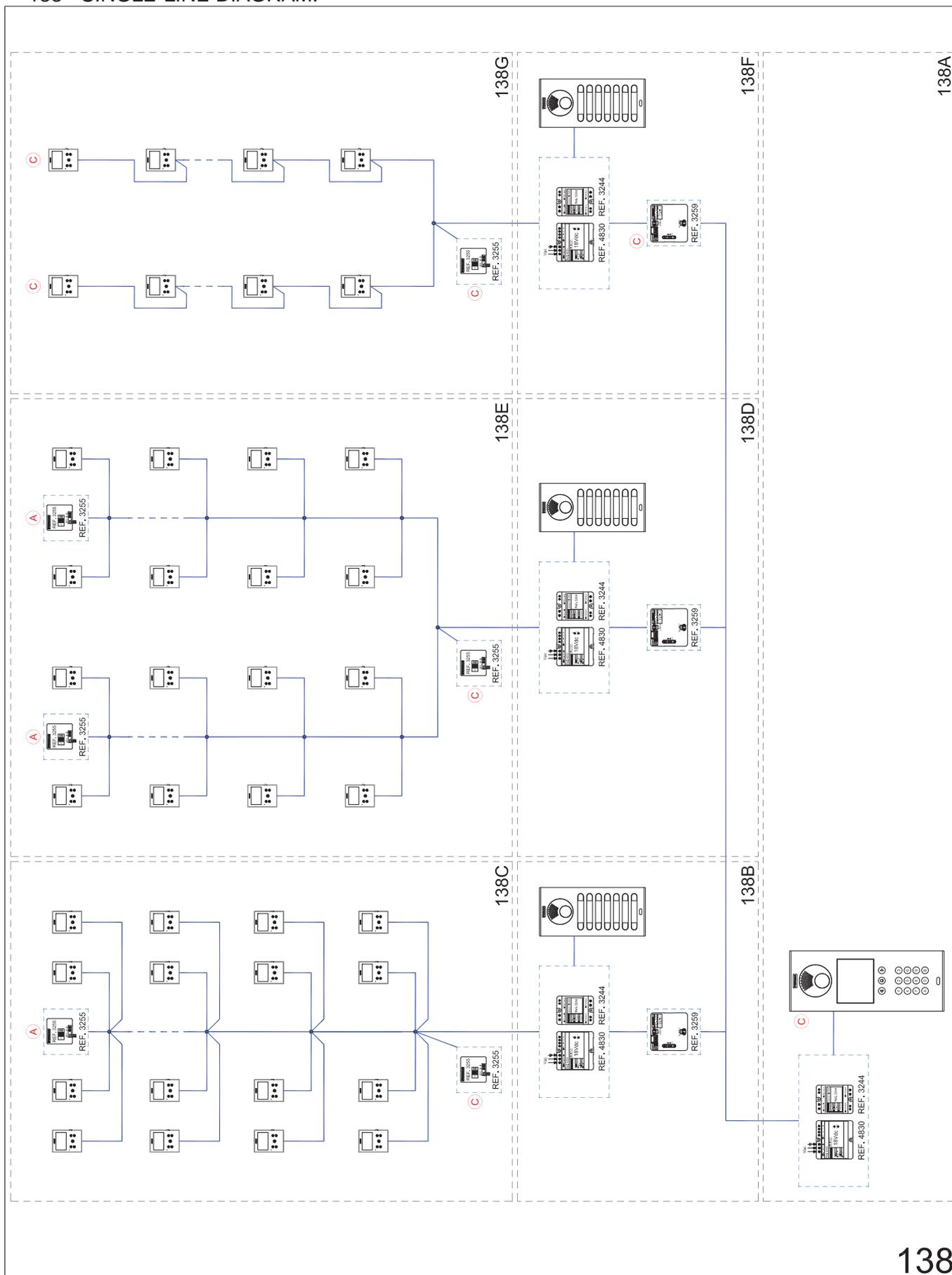
General entrance with 1 video access to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 2 terminals per floor: up to 20 monitors/telephones.

Third block: 1 video access with 2 risers. Cascade: up to 20 monitors/telephones.

138 - SINGLE-LINE DIAGRAM.



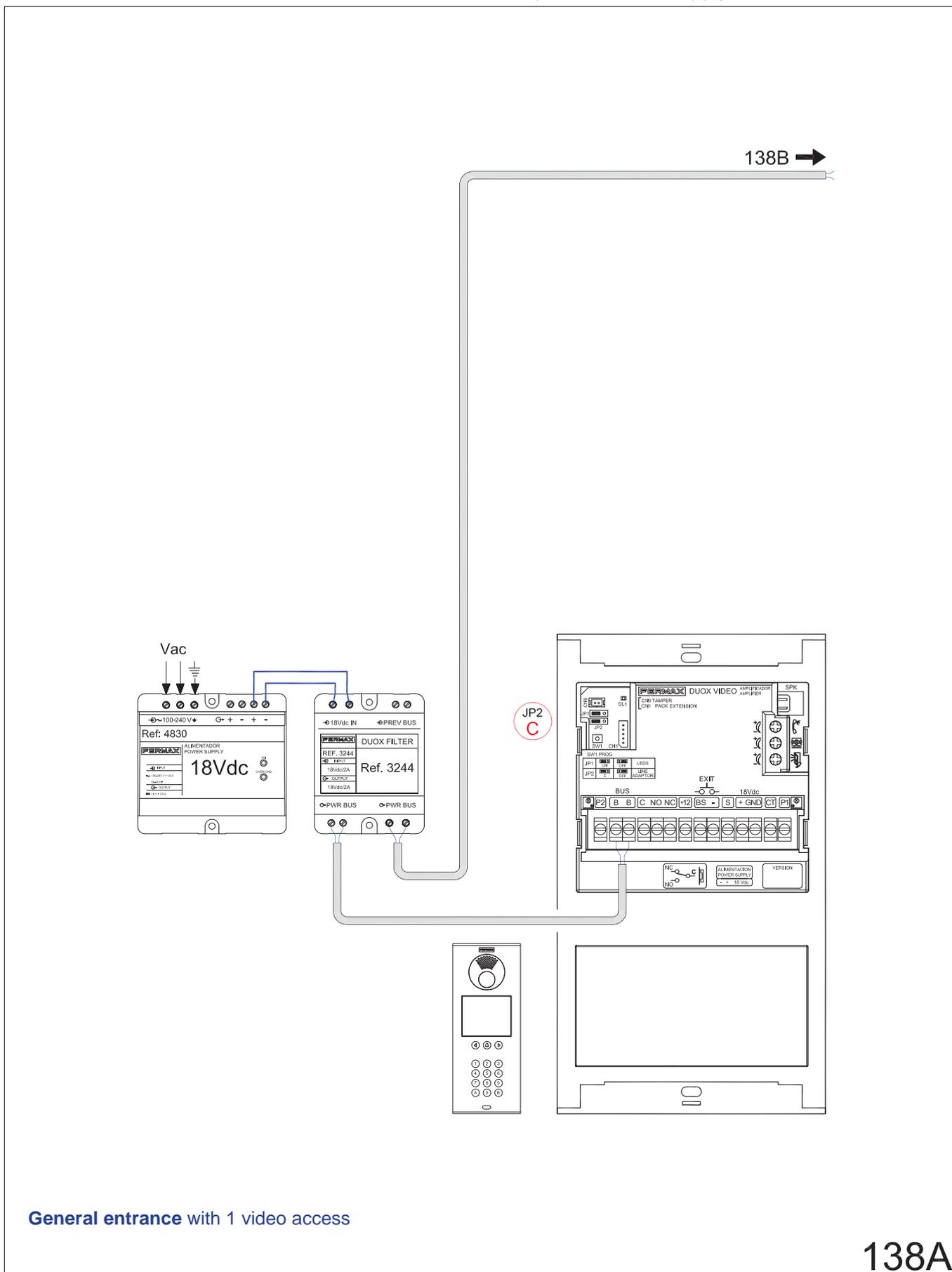
General entrance with 1 video access to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 2 terminals per floor: up to 20 monitors/telephones.

Third block: 1 video access with 2 risers. Cascade: up to 20 monitors/telephones.

138A - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set.



General entrance with 1 video access

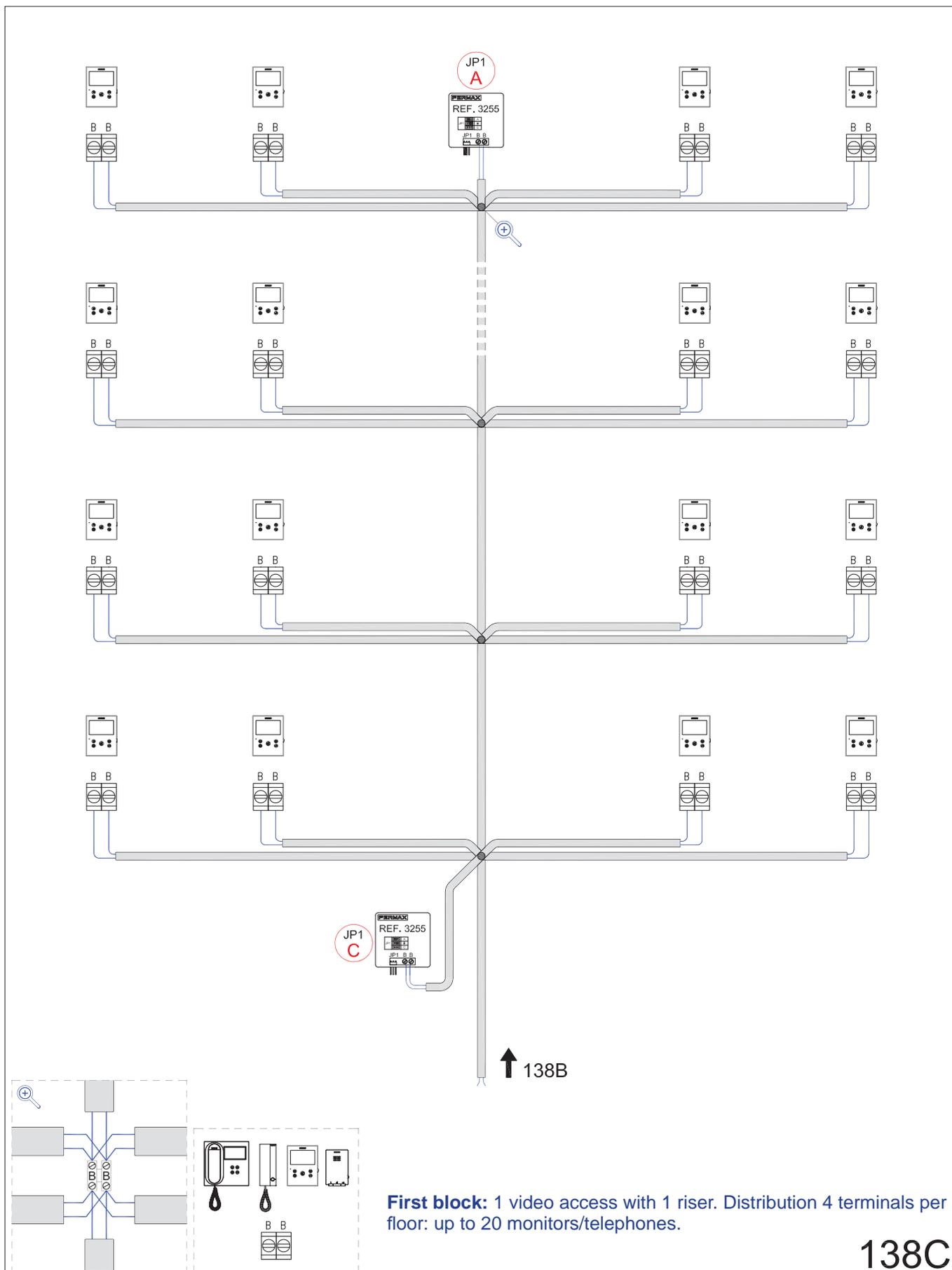
General entrance with 1 video access to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 2 terminals per floor: up to 20 monitors/telephones.

Third block: 1 video access with 2 risers. Cascade: up to 20 monitors/telephones.

138C - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).



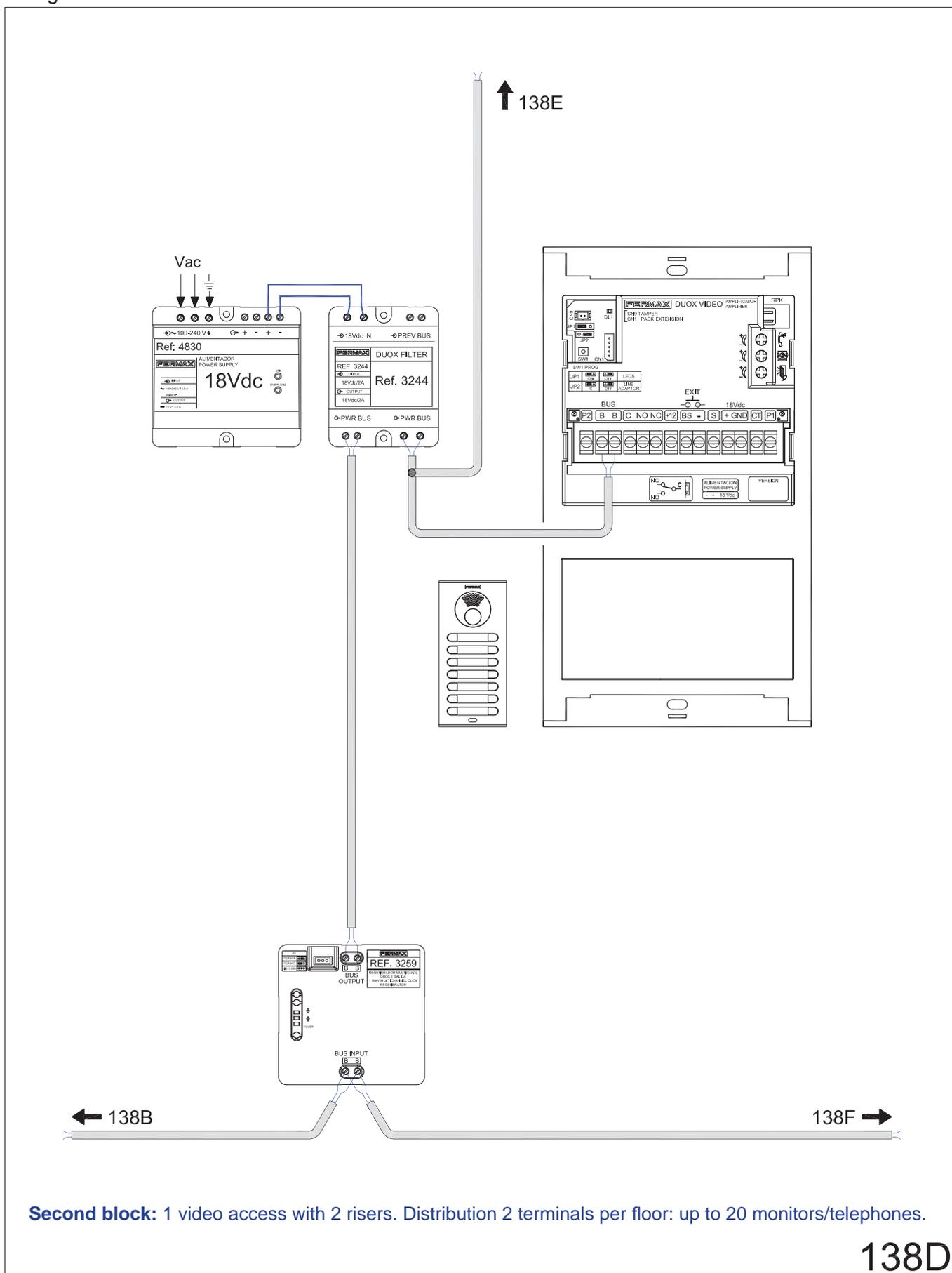
General entrance with 1 video access to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 2 terminals per floor: up to 20 monitors/telephones.

Third block: 1 video access with 2 risers. Cascade: up to 20 monitors/telephones.

138D - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set - 1S multi-channel regenerator.



Second block: 1 video access with 2 risers. Distribution 2 terminals per floor: up to 20 monitors/telephones.

138D

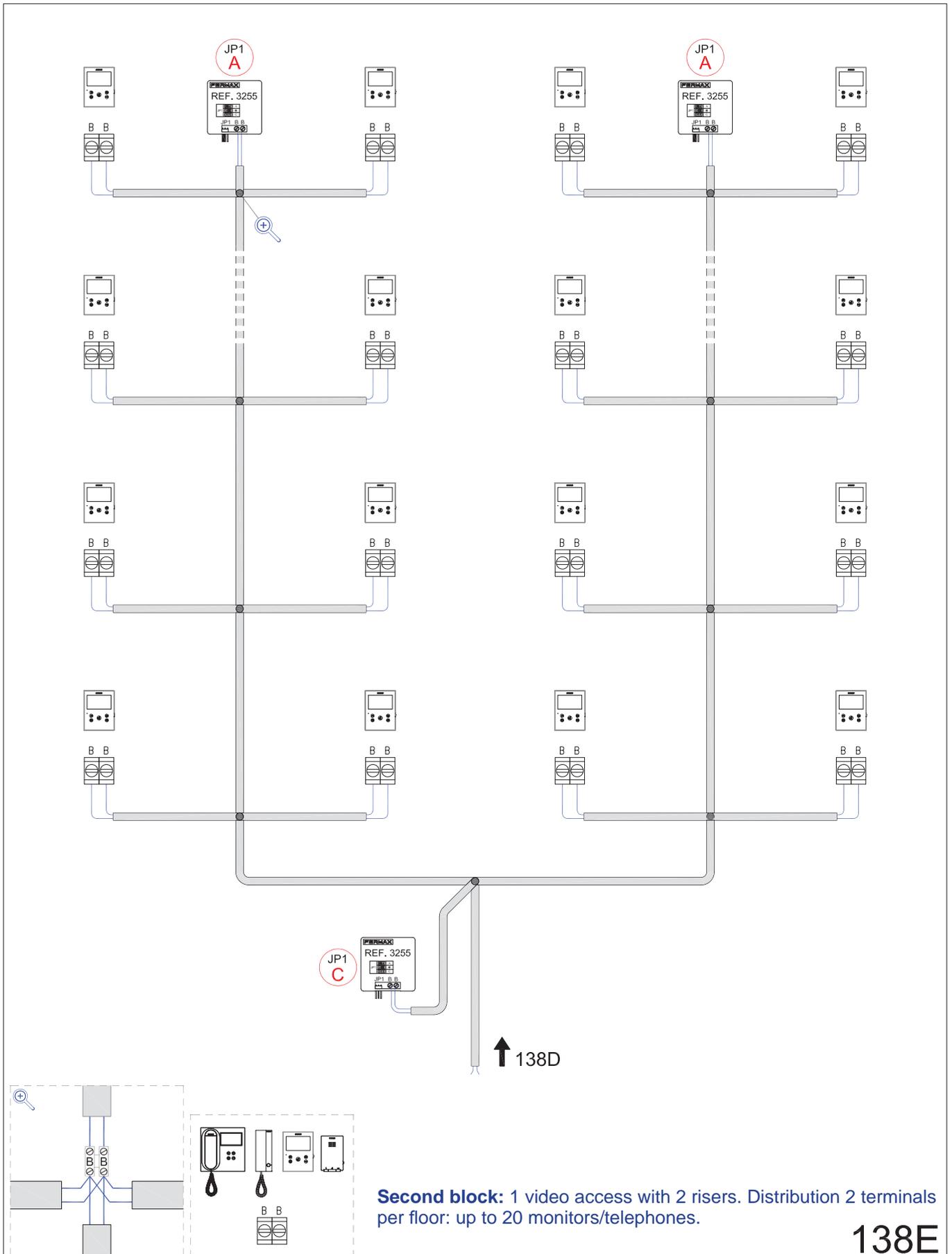
General entrance with 1 video access to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 2 terminals per floor: up to 20 monitors/telephones.

Third block: 1 video access with 2 risers. Cascade: up to 20 monitors/telephones.

138E - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).



Second block: 1 video access with 2 risers. Distribution 2 terminals per floor: up to 20 monitors/telephones.

138E

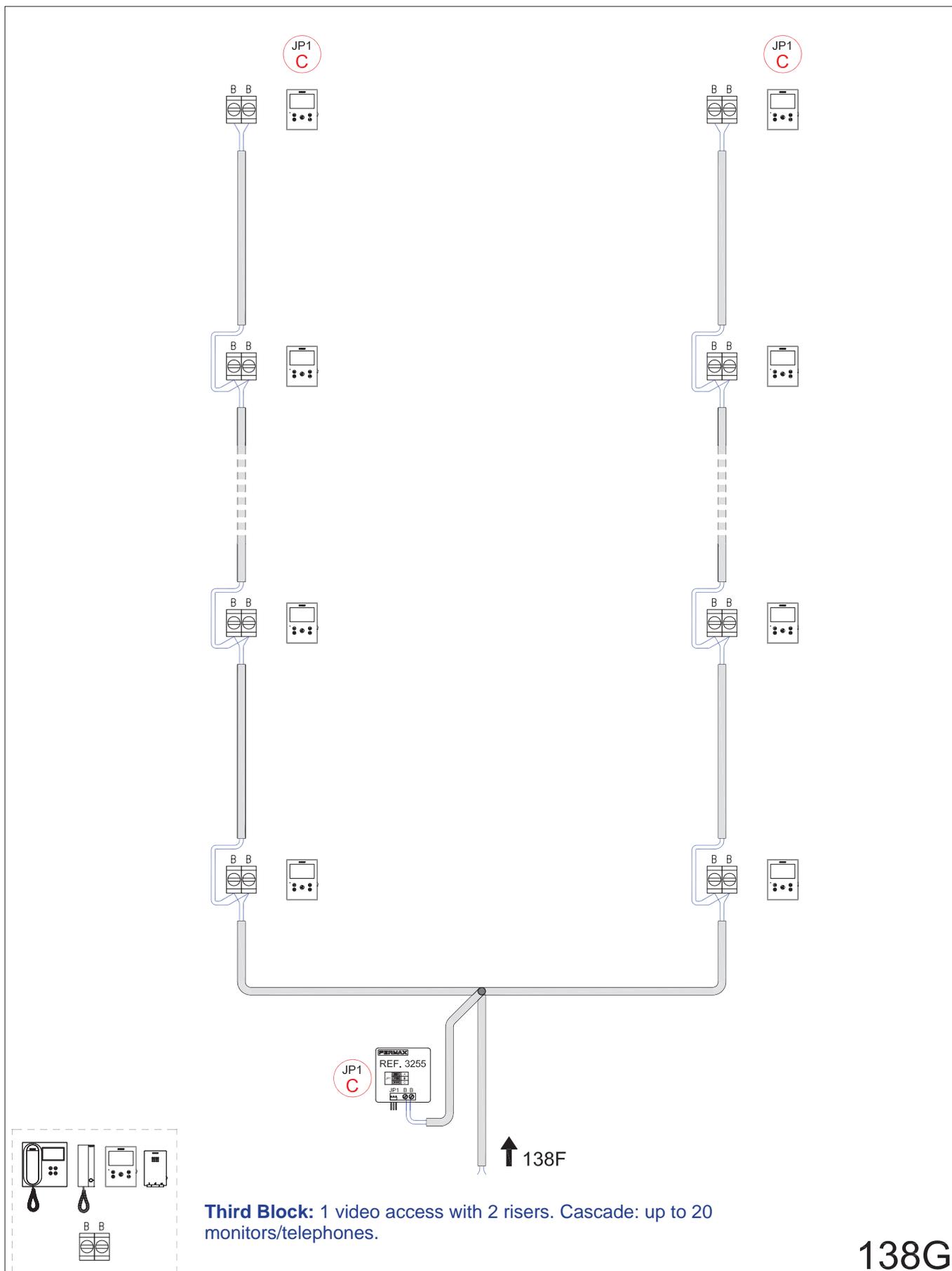
General entrance with 1 video access to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 2 terminals per floor: up to 20 monitors/telephones.

Third block: 1 video access with 2 risers. Cascade: up to 20 monitors/telephones.

138G - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapter).



Third Block: 1 video access with 2 risers. Cascade: up to 20 monitors/telephones.

138G

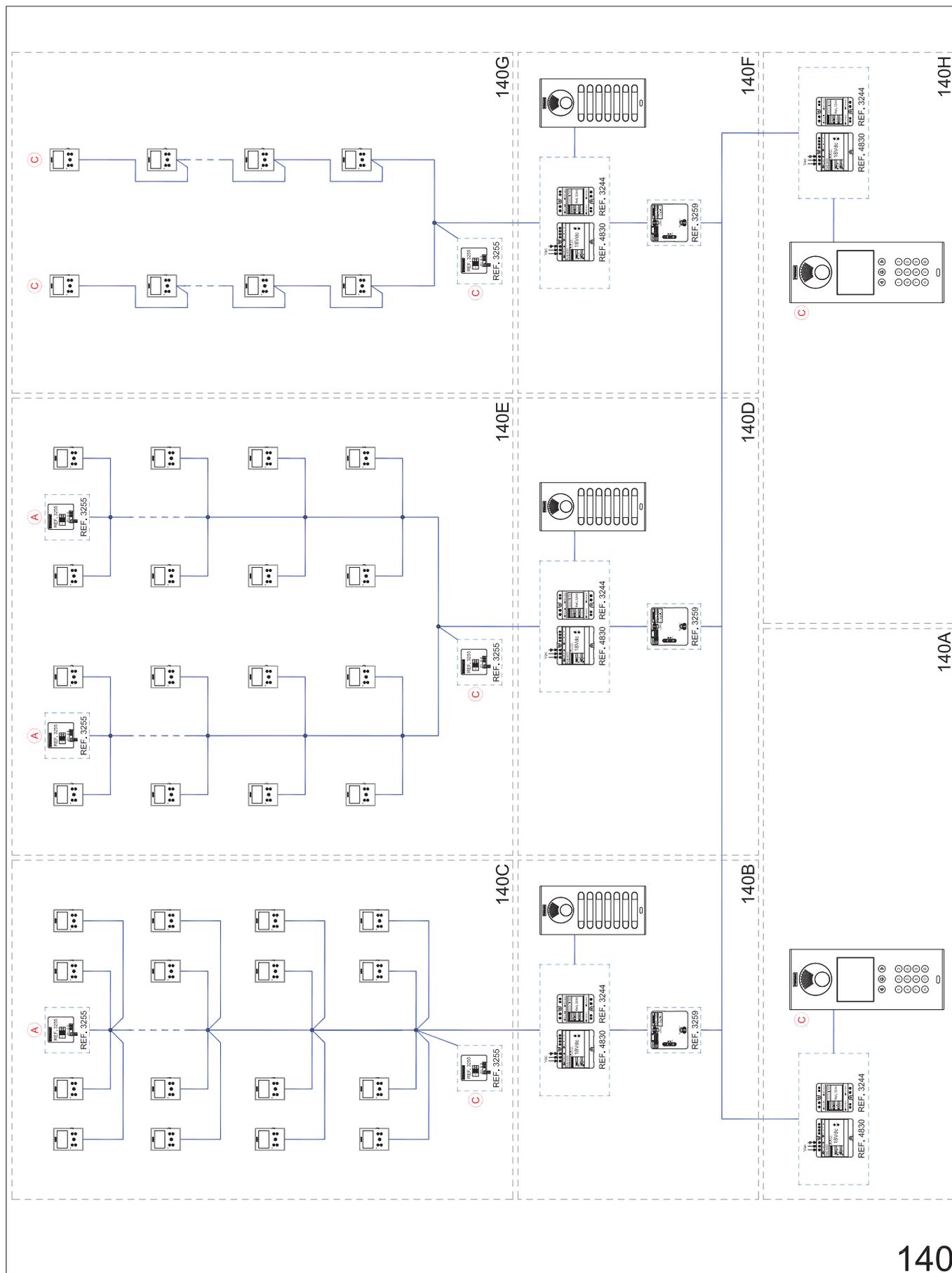
General entrance with 2 video accesses to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 2 terminals per floor: up to 20 monitors/telephones.

Third block: 1 video access with 2 risers. Cascade: up to 20 monitors/telephones.

140 - SINGLE-LINE DIAGRAM.



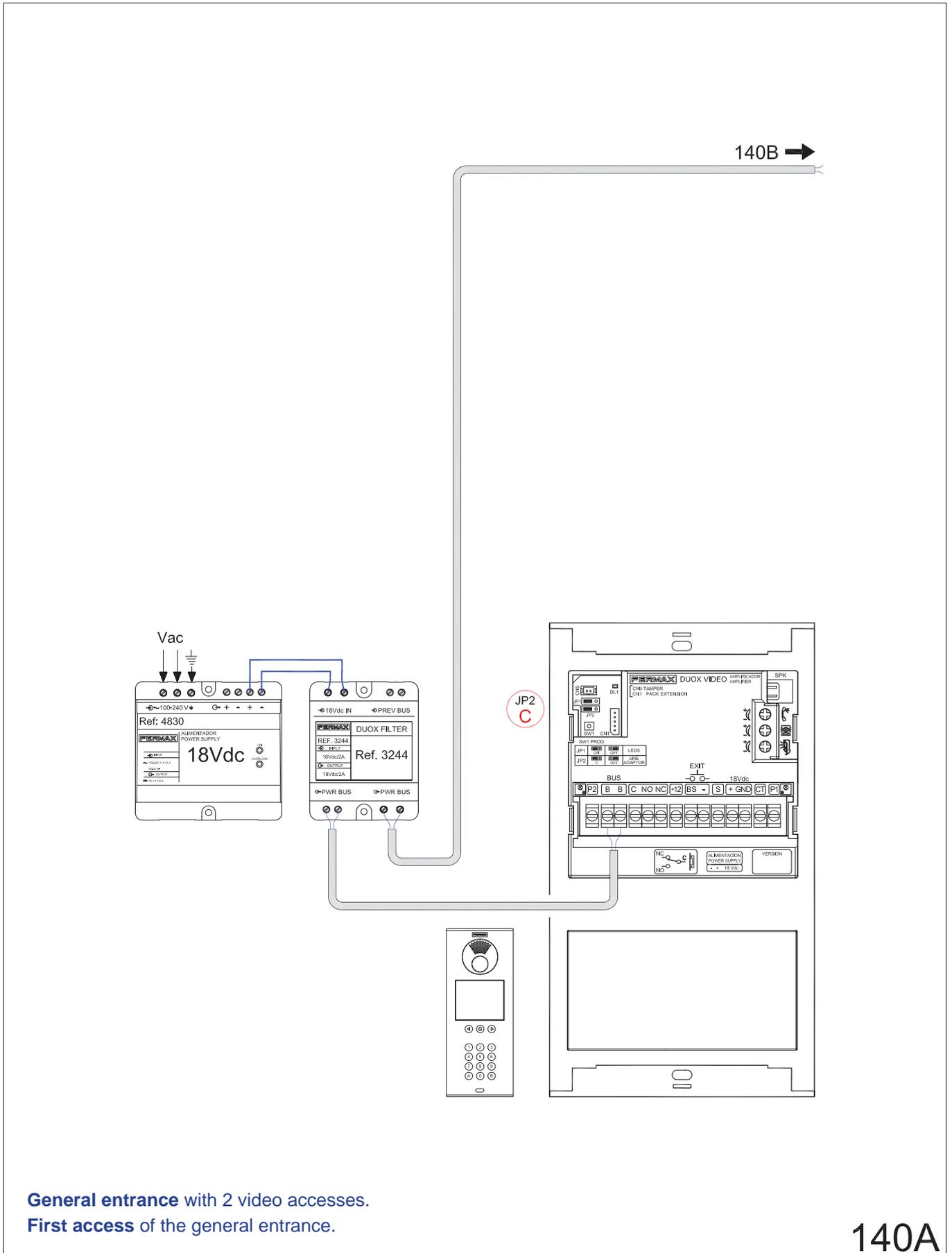
General entrance with 2 video accesses to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 2 terminals per floor: up to 20 monitors/telephones.

Third block: 1 video access with 2 risers. Cascade: up to 20 monitors/telephones.

140A - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set.



General entrance with 2 video accesses.
First access of the general entrance.

140A

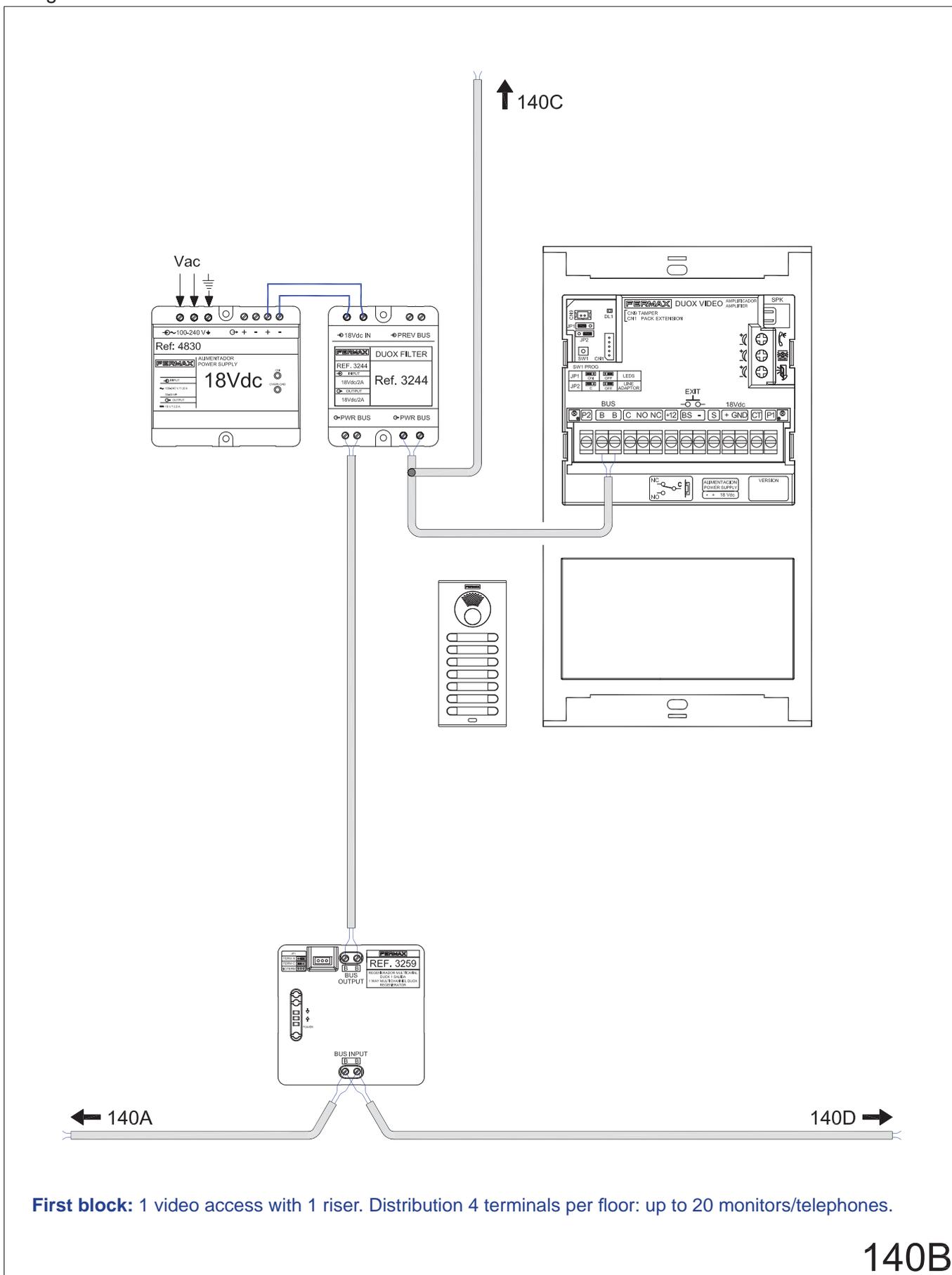
General entrance with 2 video accesses to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 2 terminals per floor: up to 20 monitors/telephones.

Third block: 1 video access with 2 risers. Cascade: up to 20 monitors/telephones.

140B - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set - 1S multi-channel regenerator.



First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

140B

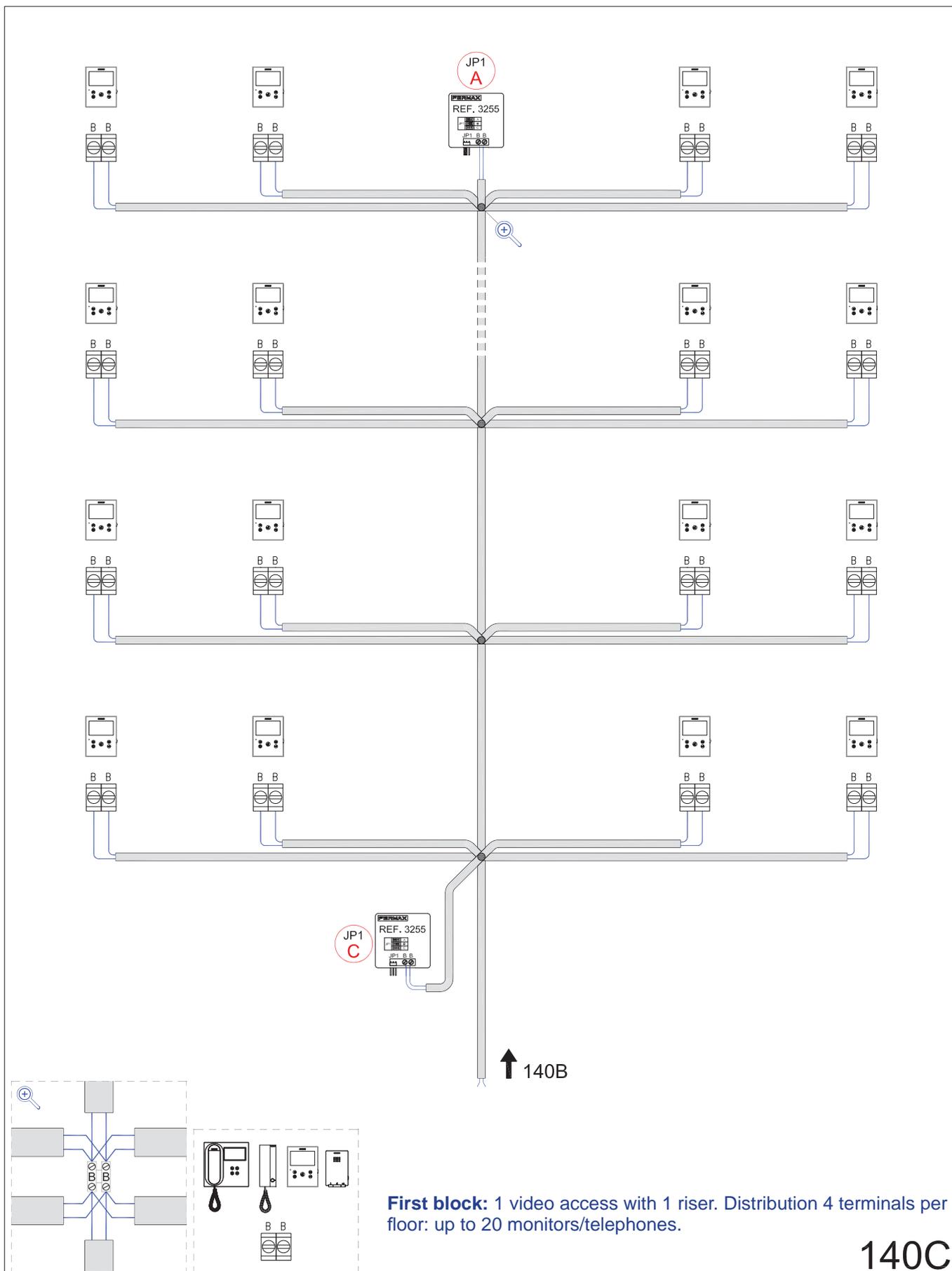
General entrance with 2 video accesses to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 2 terminals per floor: up to 20 monitors/telephones.

Third block: 1 video access with 2 risers. Cascade: up to 20 monitors/telephones.

140C - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).



First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

140C

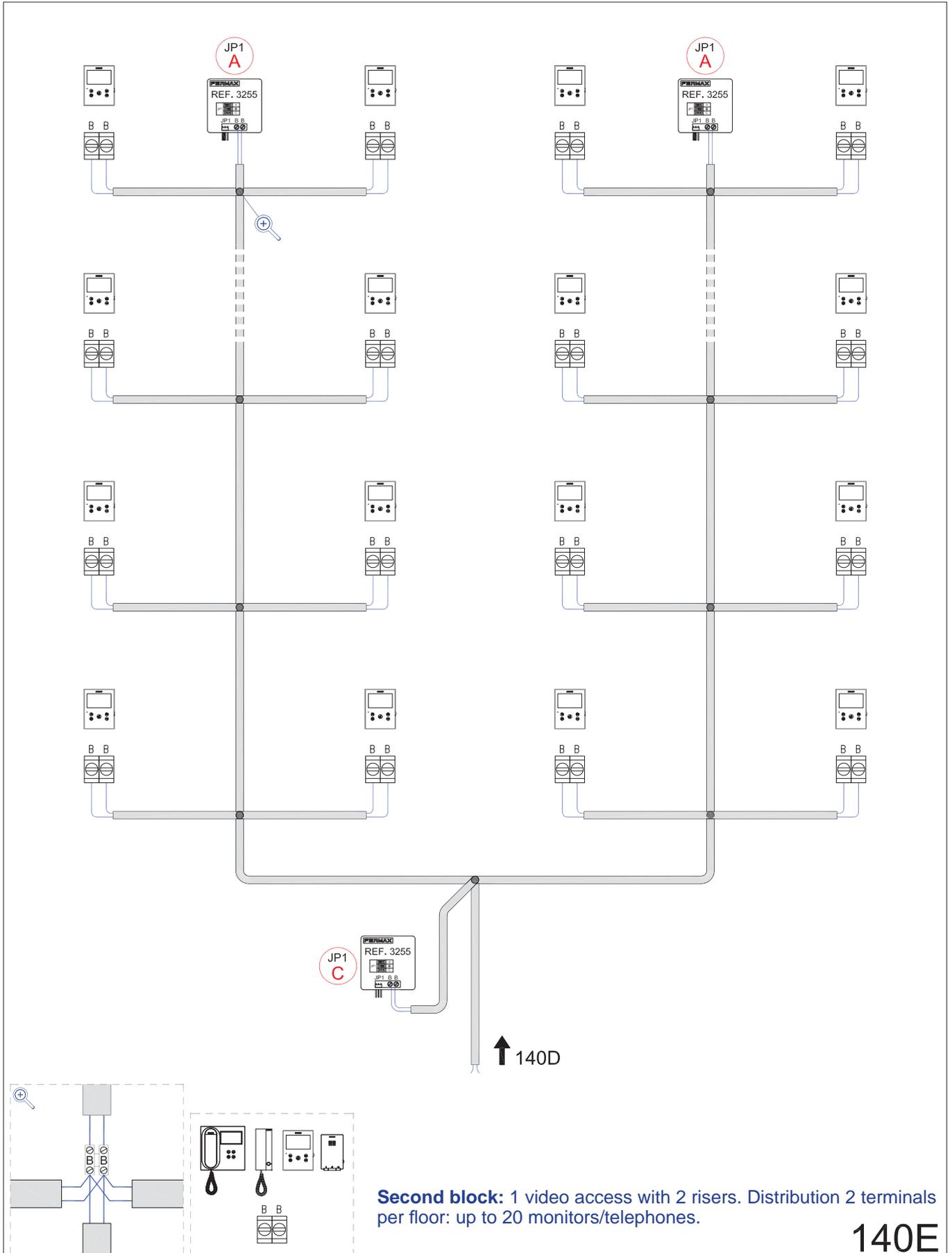
General entrance with 2 video accesses to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 2 terminals per floor: up to 20 monitors/telephones.

Third block: 1 video access with 2 risers. Cascade: up to 20 monitors/telephones.

140E - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).



Second block: 1 video access with 2 risers. Distribution 2 terminals per floor: up to 20 monitors/telephones.

140E

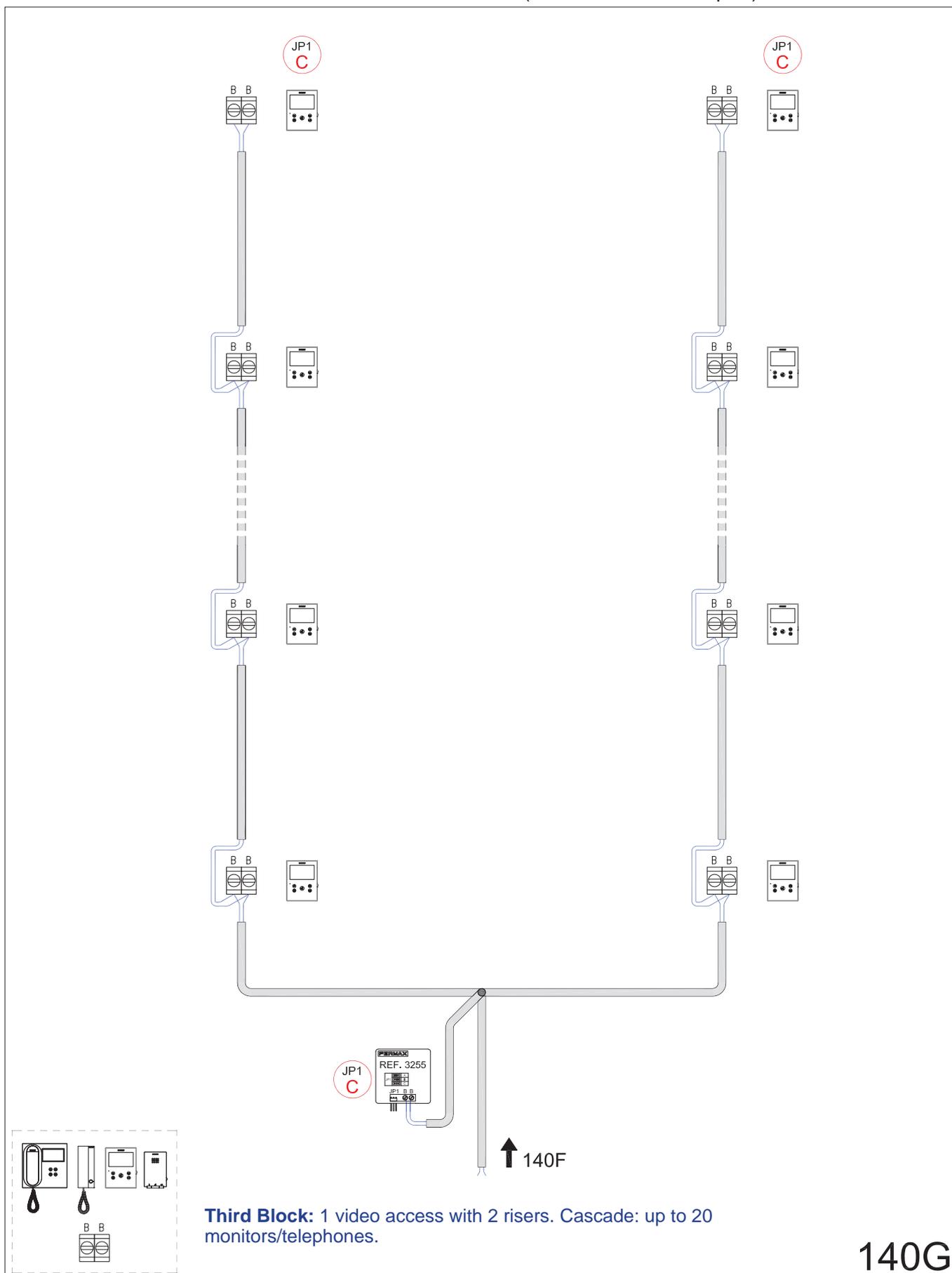
General entrance with 2 video accesses to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 2 terminals per floor: up to 20 monitors/telephones.

Third block: 1 video access with 2 risers. Cascade: up to 20 monitors/telephones.

140G - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapter).



Third Block: 1 video access with 2 risers. Cascade: up to 20 monitors/telephones.

140G

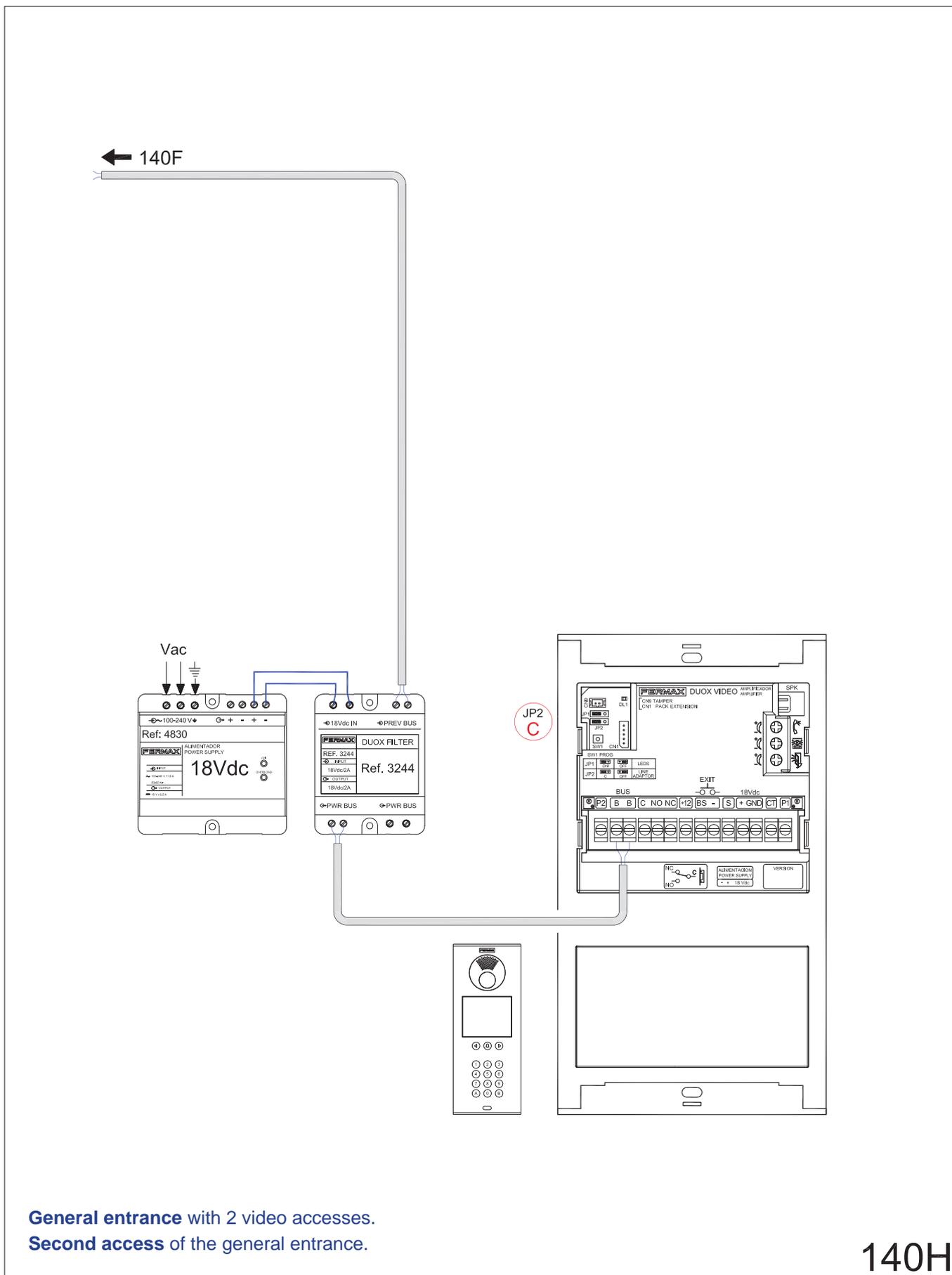
General entrance with 2 video accesses to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 2 terminals per floor: up to 20 monitors/telephones.

Third block: 1 video access with 2 risers. Cascade: up to 20 monitors/telephones.

140A - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set.



General entrance with 2 video accesses.
Second access of the general entrance.

140H

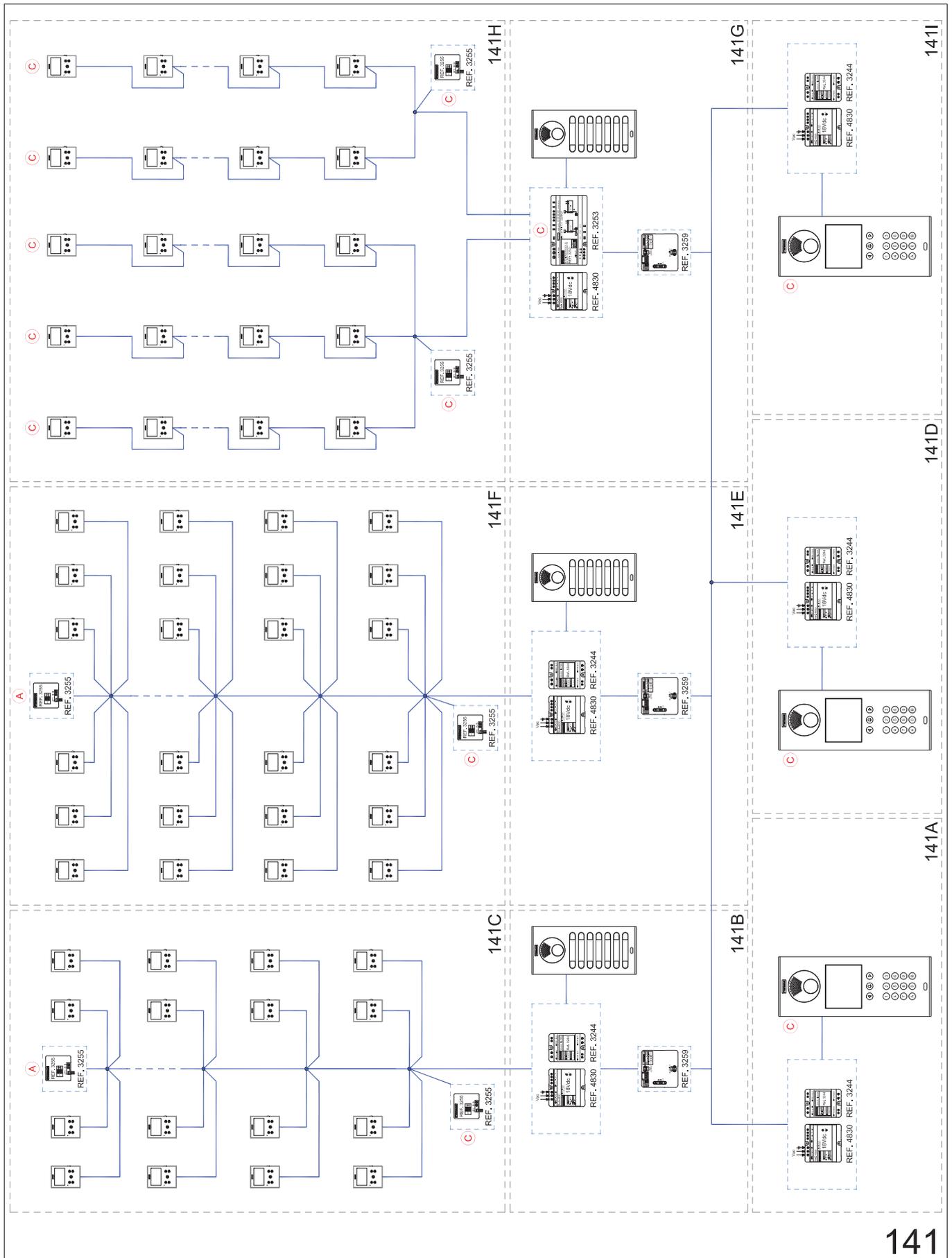
General entrance with 3 video accesses to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 6 terminals per floor: up to 30 monitors/telephones.

Third block: 1 video access with 5 risers. Cascade: up to 25 monitors/telephones.

141 - SINGLE-LINE DIAGRAM.



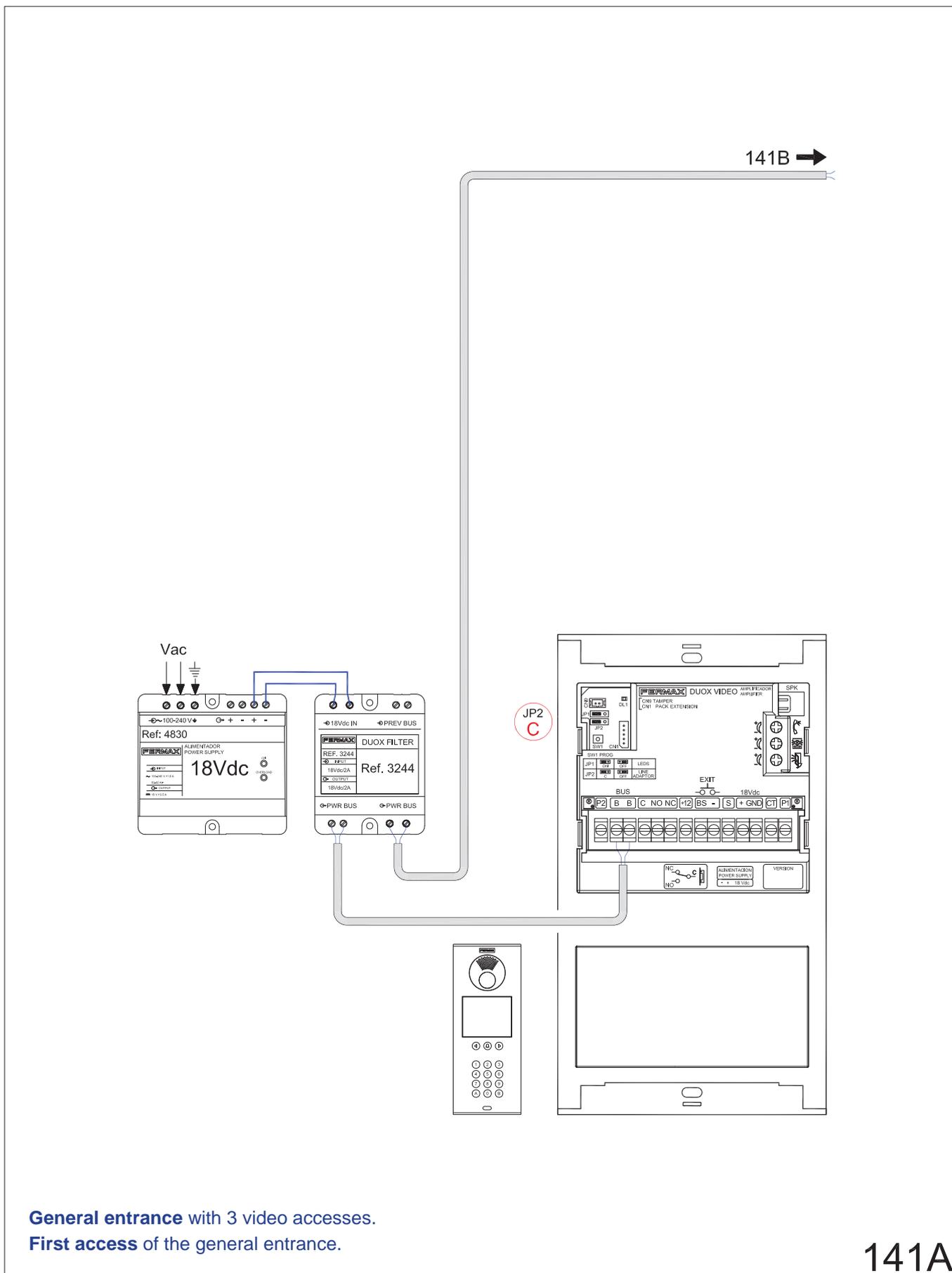
General entrance with 3 video accesses to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 6 terminals per floor: up to 30 monitors/telephones.

Third block: 1 video access with 5 risers. Cascade: up to 25 monitors/telephones.

141A - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set.



General entrance with 3 video accesses.
First access of the general entrance.

141A

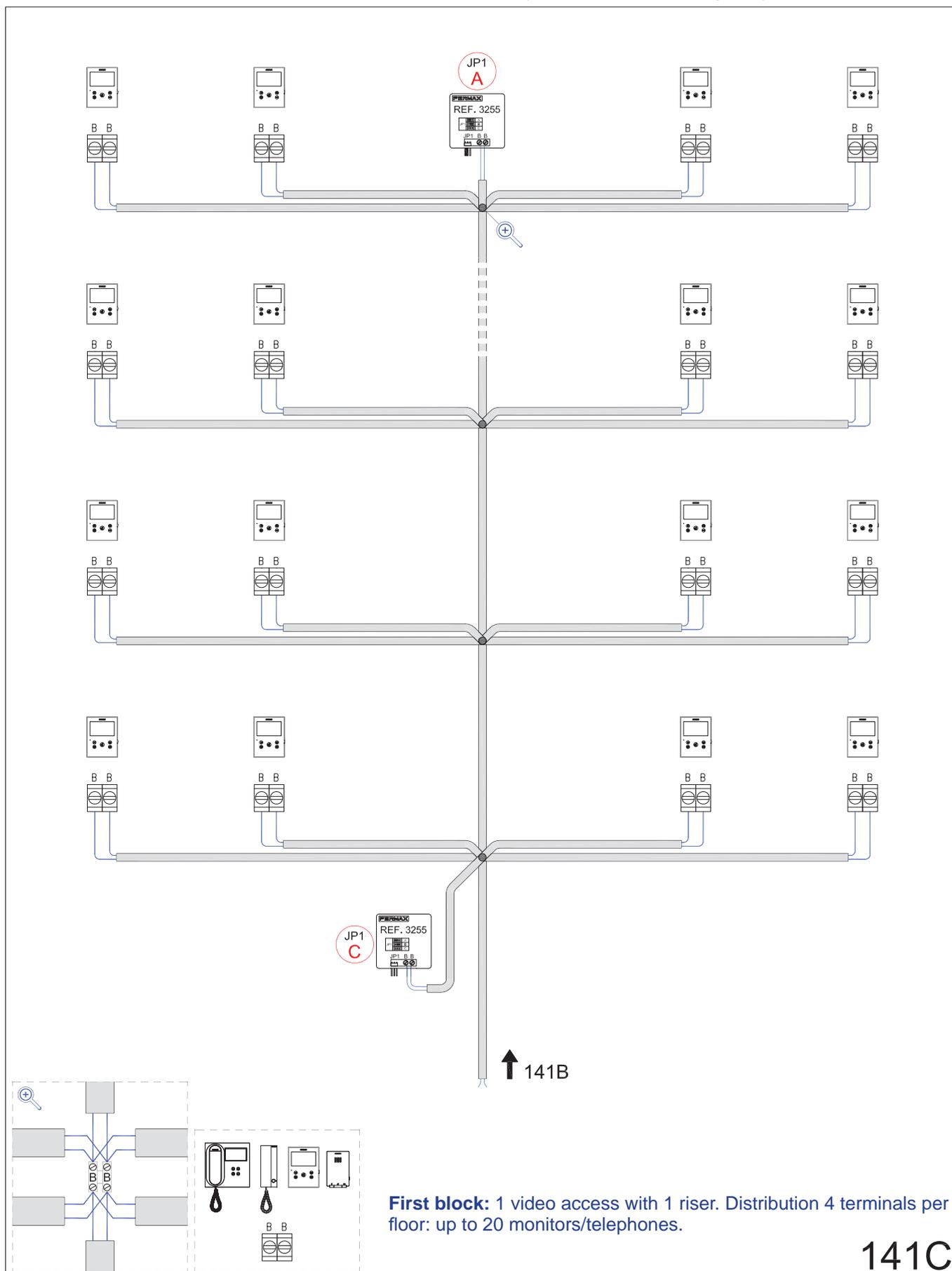
General entrance with 3 video accesses to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 6 terminals per floor: up to 30 monitors/telephones.

Third block: 1 video access with 5 risers. Cascade: up to 25 monitors/telephones.

141C - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).



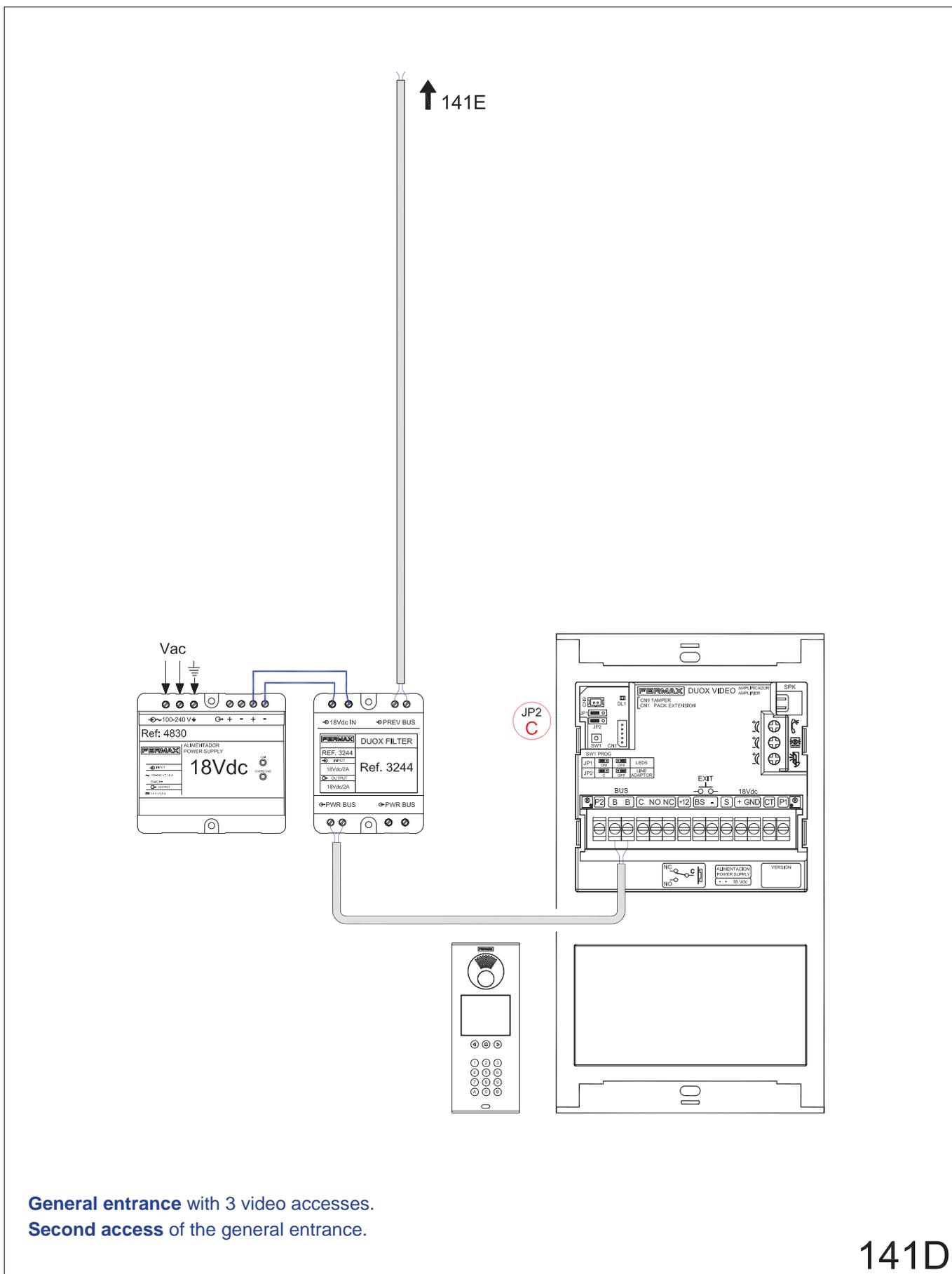
General entrance with 3 video accesses to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 6 terminals per floor: up to 30 monitors/telephones.

Third block: 1 video access with 5 risers. Cascade: up to 25 monitors/telephones.

141D - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set.



General entrance with 3 video accesses.
Second access of the general entrance.

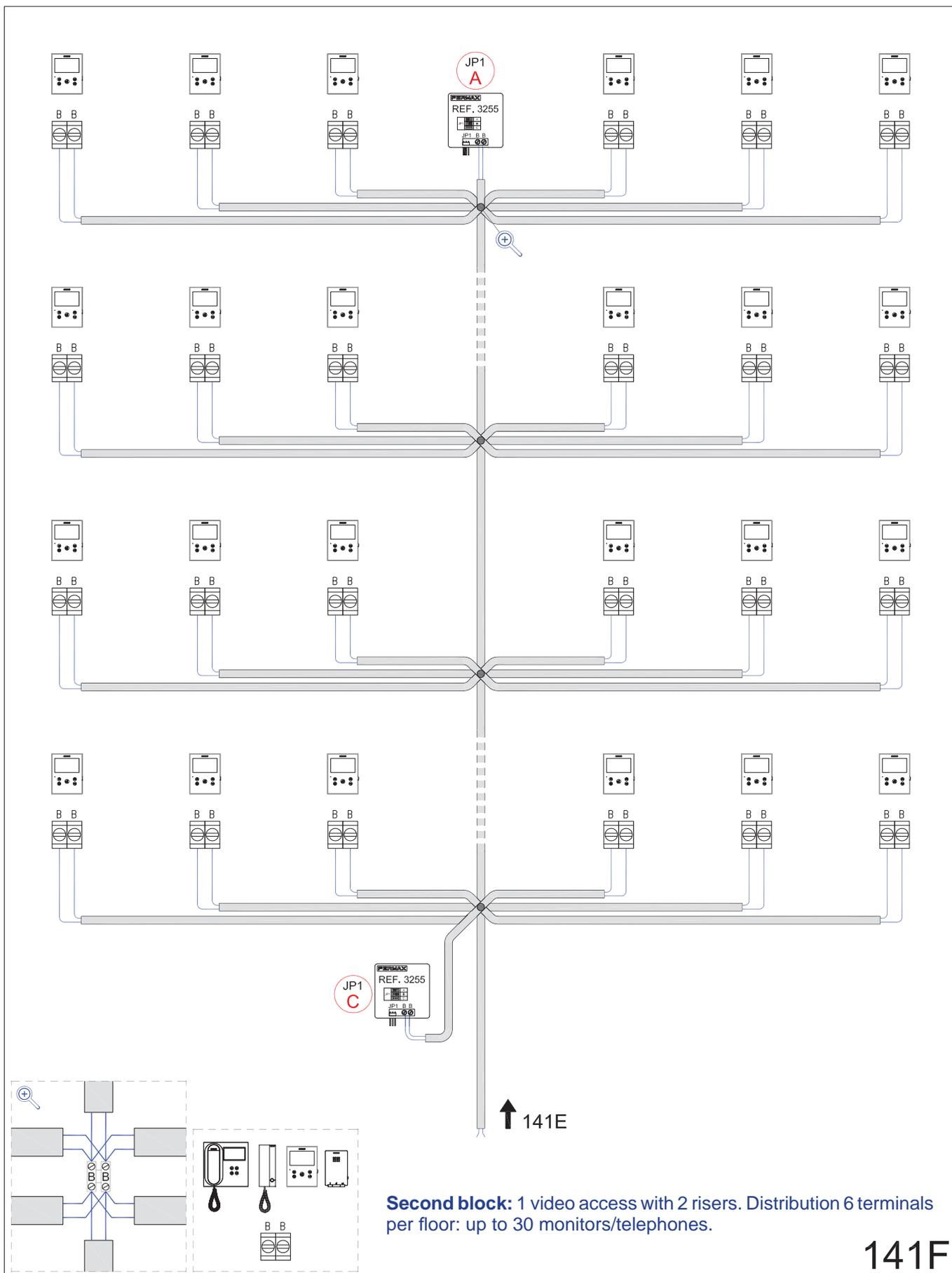
General entrance with 3 video accesses to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 6 terminals per floor: up to 30 monitors/telephones.

Third block: 1 video access with 5 risers. Cascade: up to 25 monitors/telephones.

141F - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).



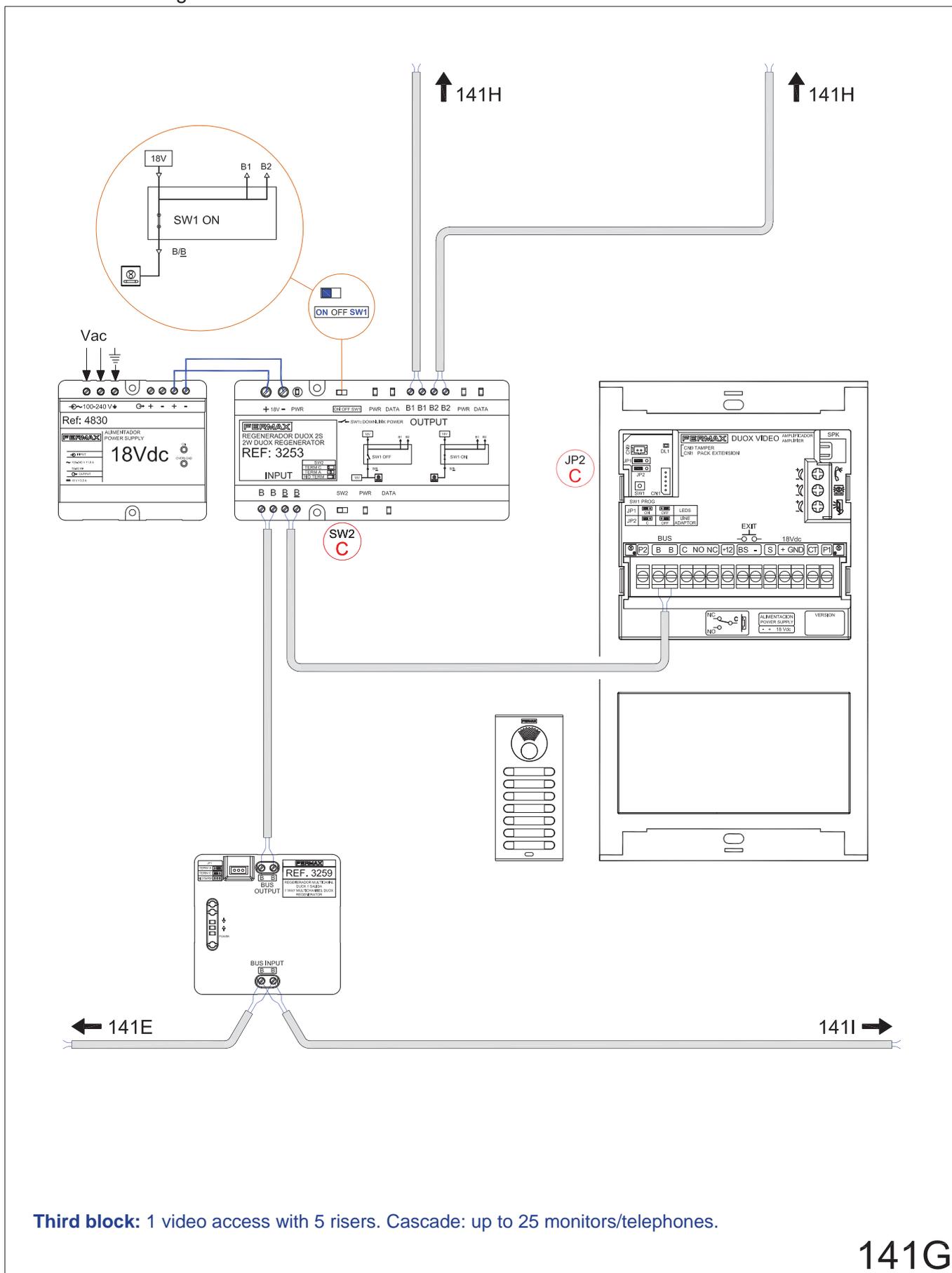
General entrance with 3 video accesses to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 6 terminals per floor: up to 30 monitors/telephones.

Third block: 1 video access with 5 risers. Cascade: up to 25 monitors/telephones.

141G - WIRING DIAGRAM. Connection detail: Outdoor panel - 2S regenerator+Power supply - 1S multi-channel regenerator.



Third block: 1 video access with 5 risers. Cascade: up to 25 monitors/telephones.

141G

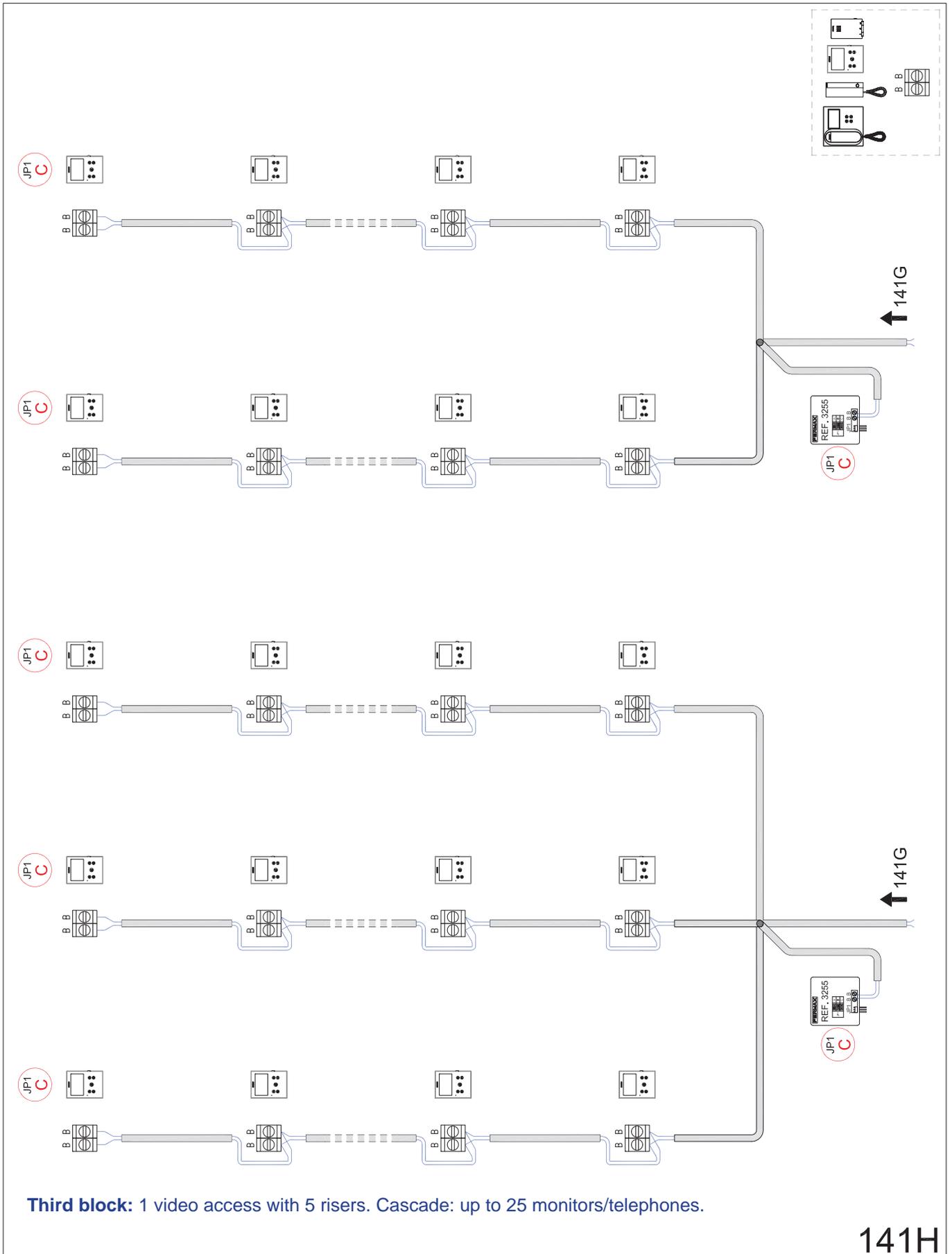
General entrance with 3 video accesses to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 6 terminals per floor: up to 30 monitors/telephones.

Third block: 1 video access with 5 risers. Cascade: up to 25 monitors/telephones.

141H - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).



Third block: 1 video access with 5 risers. Cascade: up to 25 monitors/telephones.

141H

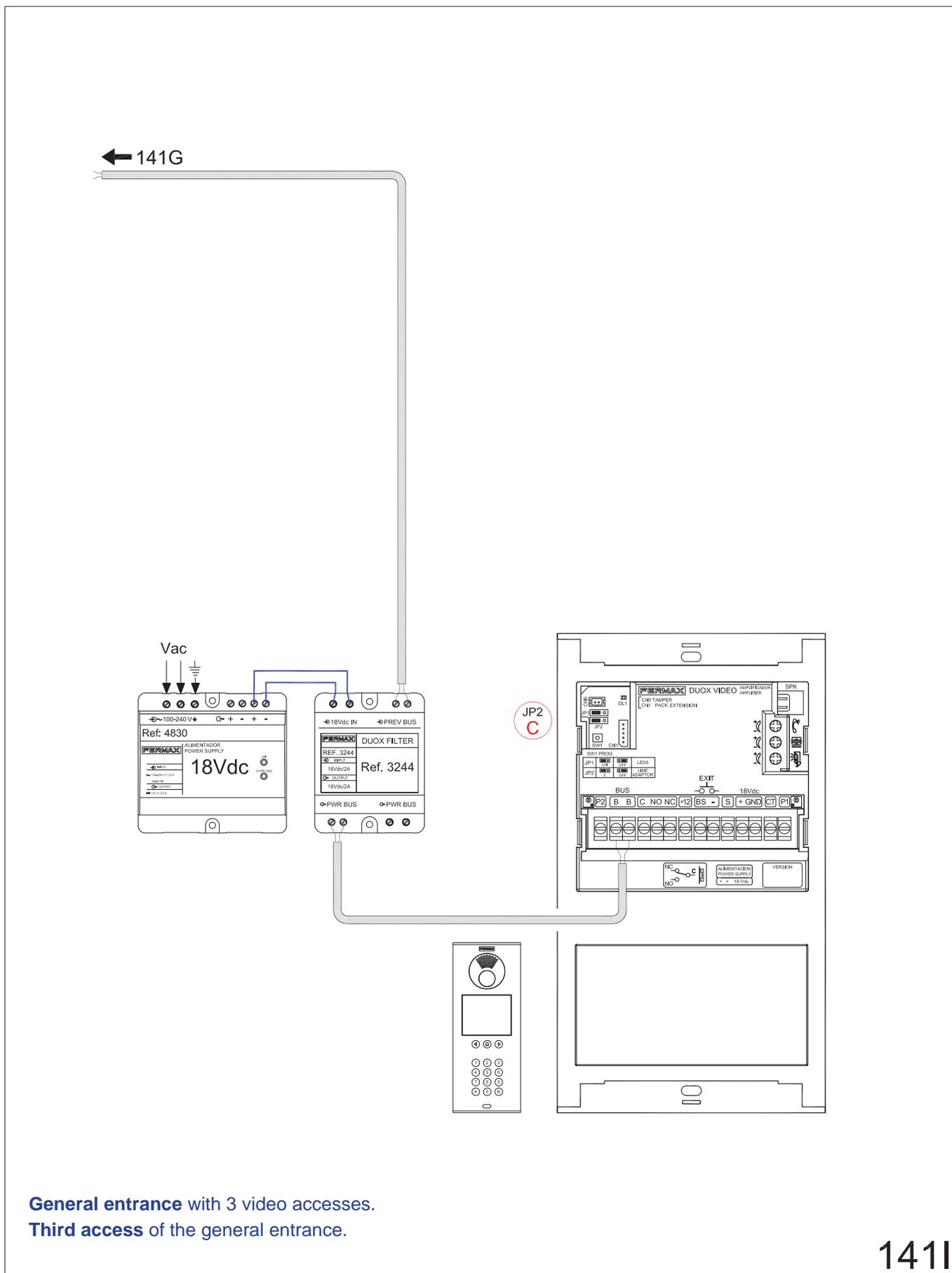
General entrance with 3 video accesses to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 6 terminals per floor: up to 30 monitors/telephones.

Third block: 1 video access with 5 risers. Cascade: up to 25 monitors/telephones.

141I - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set.



General entrance with 3 video accesses.
Third access of the general entrance.

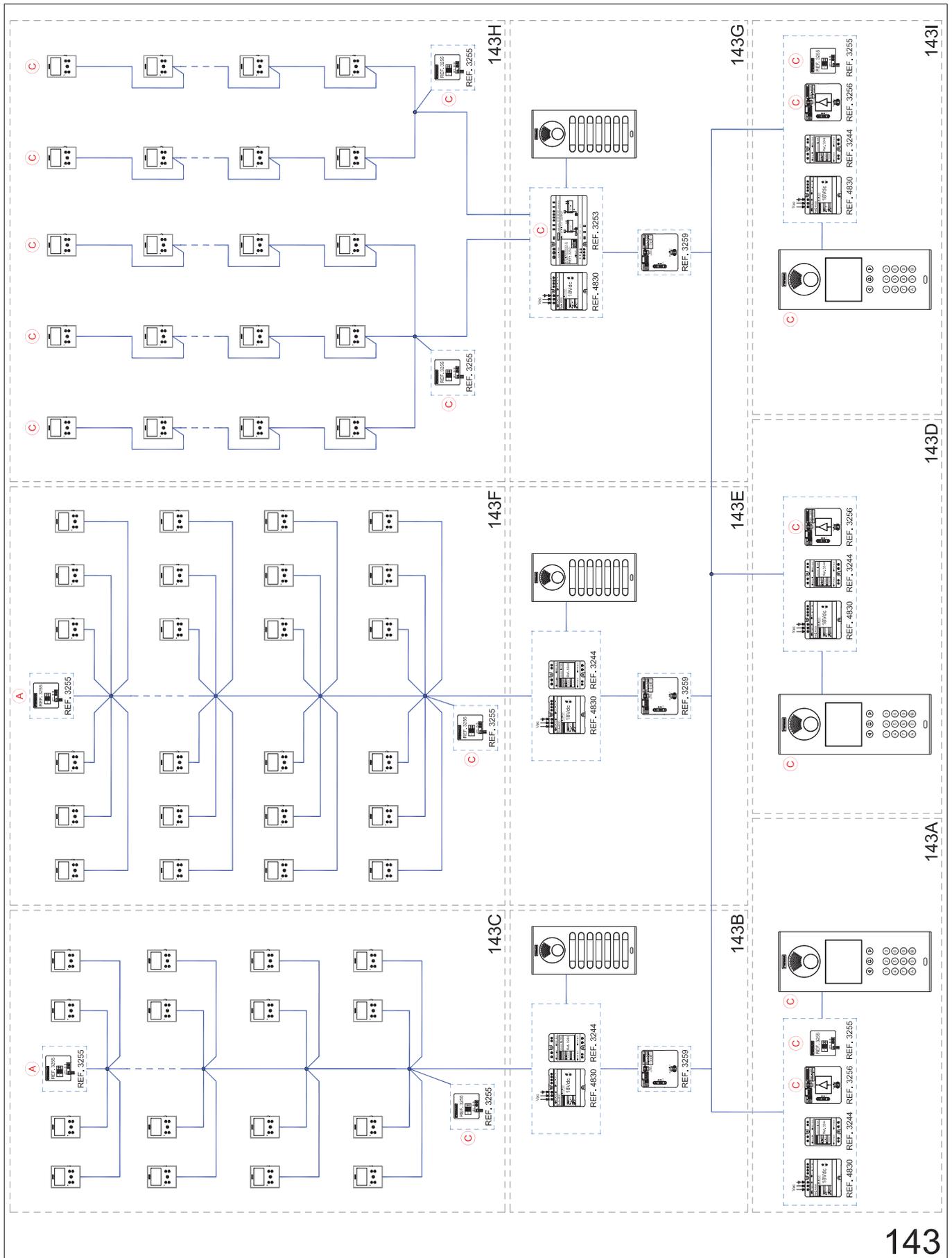
General entrance with 3 video accesses (distanced outdoor panels: maximum distance of 200 metres), to 3 internal blocks with outdoor panels..

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 6 terminals per floor: up to 30 monitors/telephones.

Third block: 1 video access with 5 risers. Cascade: up to 25 monitors/telephones.

143 - SINGLE-LINE DIAGRAM.



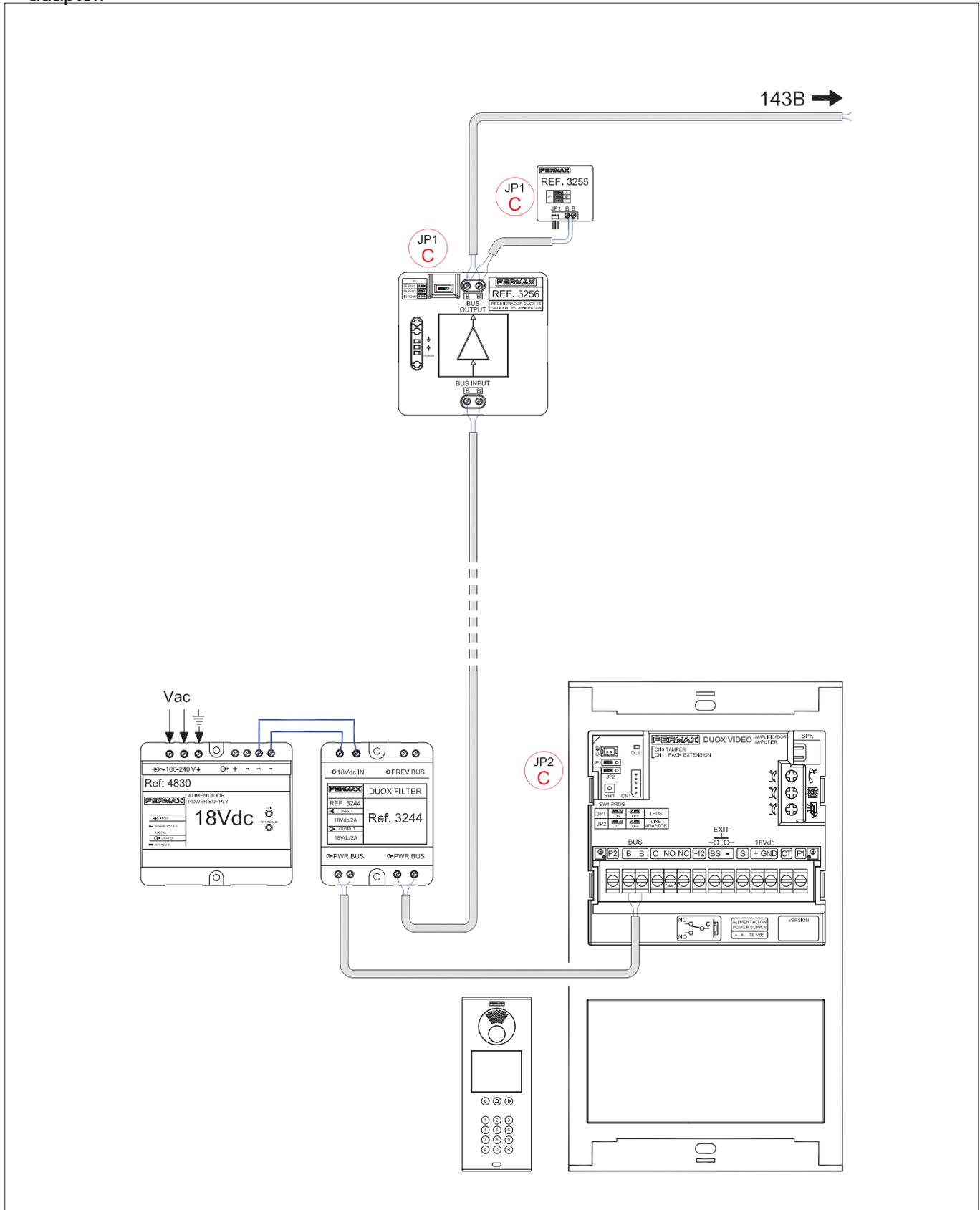
General entrance with 3 video accesses (distanced outdoor panels: maximum distance of 200 metres), to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 6 terminals per floor: up to 30 monitors/telephones.

Third block: 1 video access with 5 risers. Cascade: up to 25 monitors/telephones.

143A - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set - 1S regenerator - Line adapter.



General entrance with 3 video accesses (Distanced outdoor panels).
First access of the general entrance.

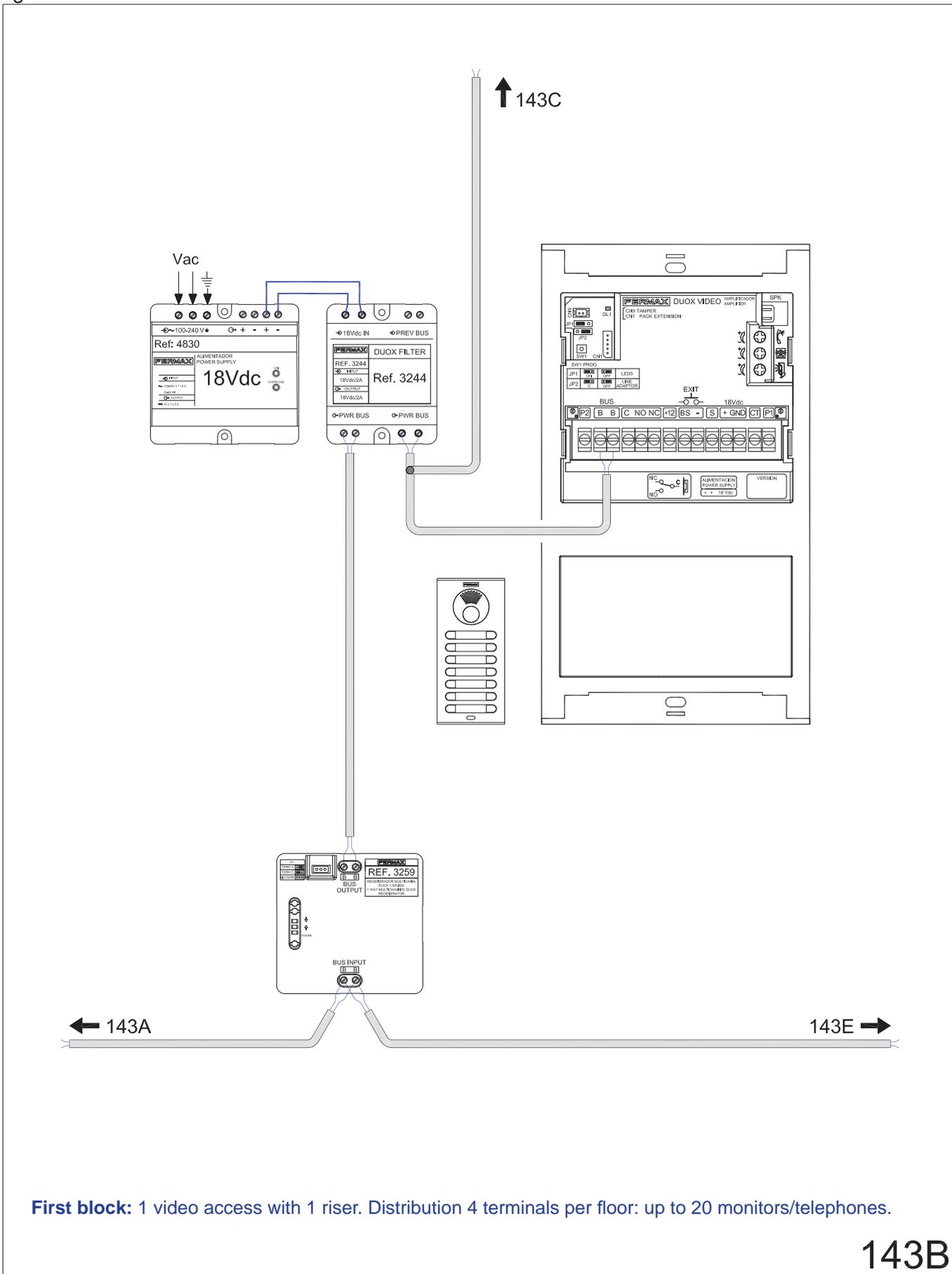
General entrance with 3 video accesses (distanced outdoor panels: maximum distance of 200 metres), to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 6 terminals per floor: up to 30 monitors/telephones.

Third block: 1 video access with 5 risers. Cascade: up to 25 monitors/telephones.

143B - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set - 1S multi-channel re-generator.



First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

143B

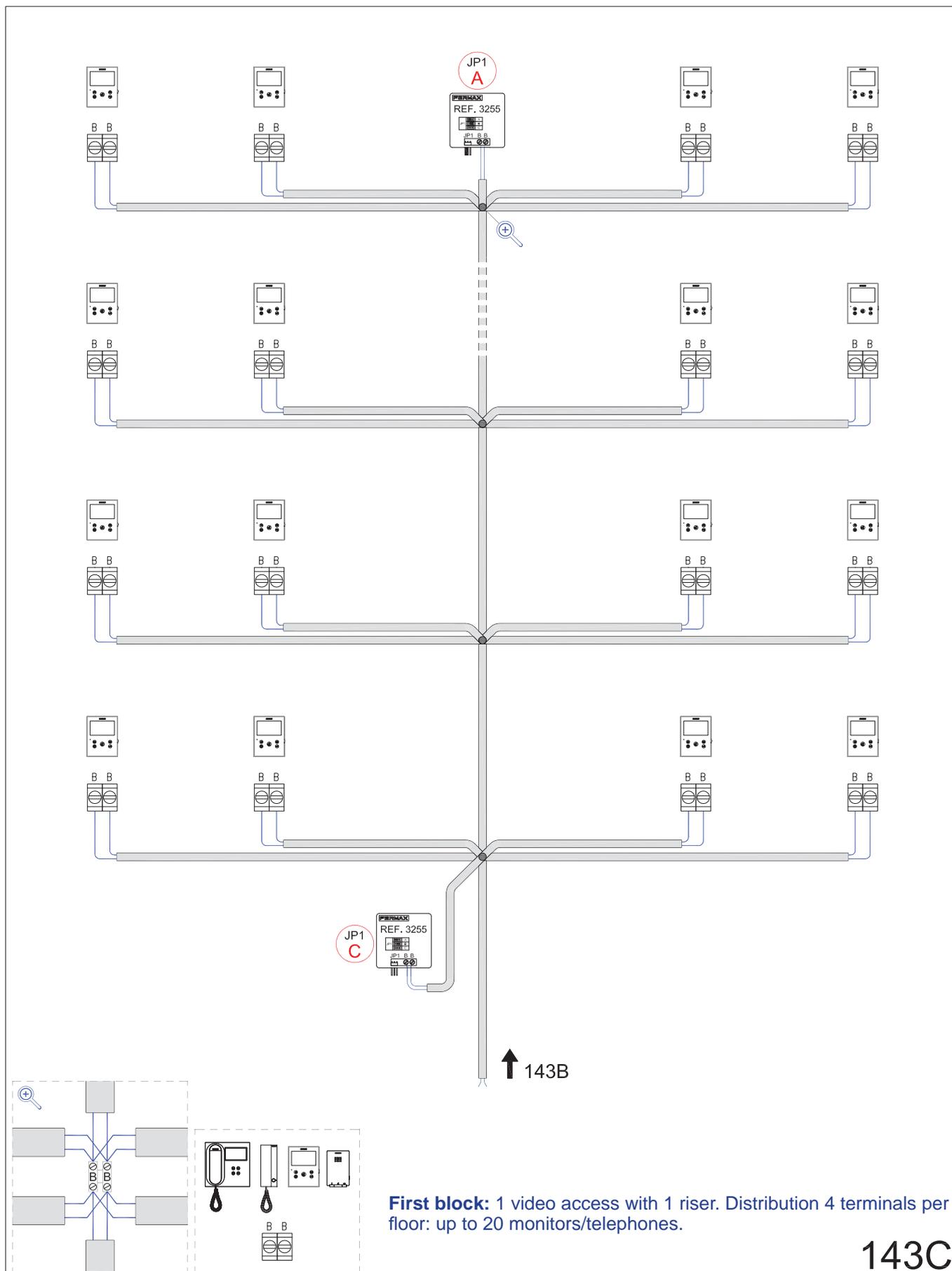
General entrance with 3 video accesses (distanced outdoor panels: maximum distance of 200 metres), to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 6 terminals per floor: up to 30 monitors/telephones.

Third block: 1 video access with 5 risers. Cascade: up to 25 monitors/telephones.

143C - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).



First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

143C

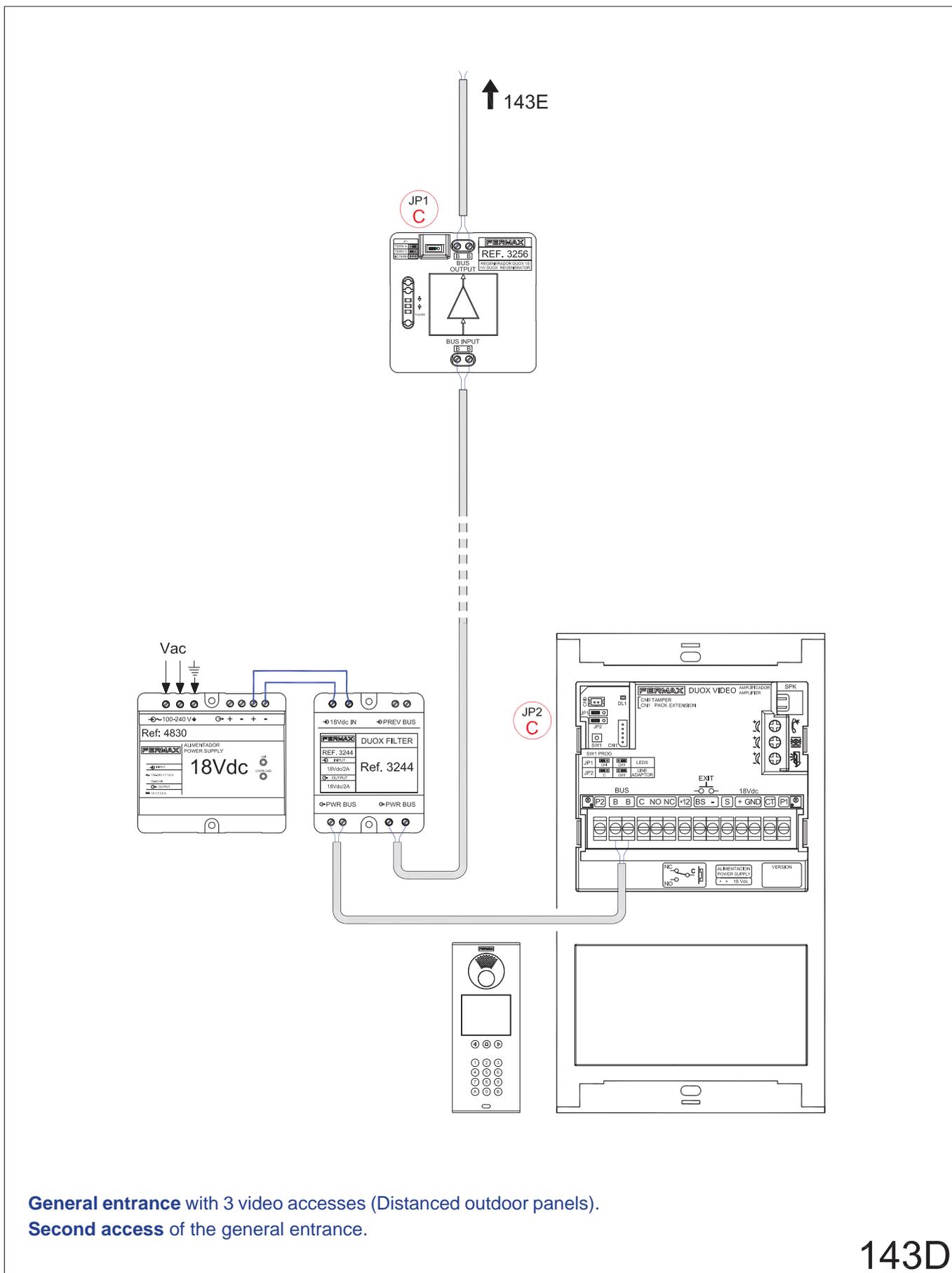
General entrance with 3 video accesses to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 6 terminals per floor: up to 30 monitors/telephones.

Third block: 1 video access with 5 risers. Cascade: up to 25 monitors/telephones.

143D - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set - 1S regenerator.



General entrance with 3 video accesses (Distanced outdoor panels).
Second access of the general entrance.

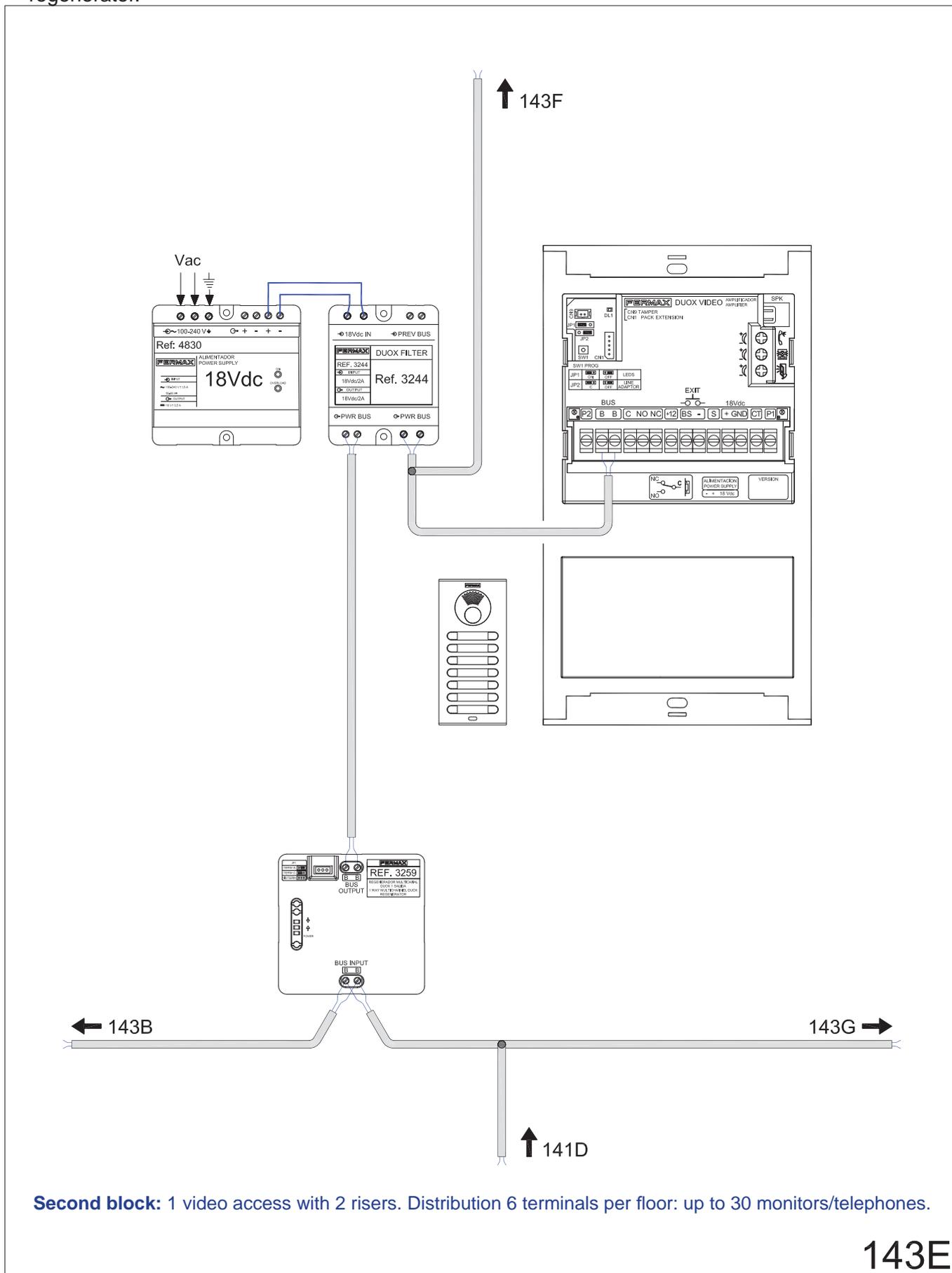
General entrance with 3 video accesses (distanced outdoor panels: maximum distance of 200 metres), to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 6 terminals per floor: up to 30 monitors/telephones.

Third block: 1 video access with 5 risers. Cascade: up to 25 monitors/telephones.

143E - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set - 1S multi-channel regenerator.



Second block: 1 video access with 2 risers. Distribution 6 terminals per floor: up to 30 monitors/telephones.

143E

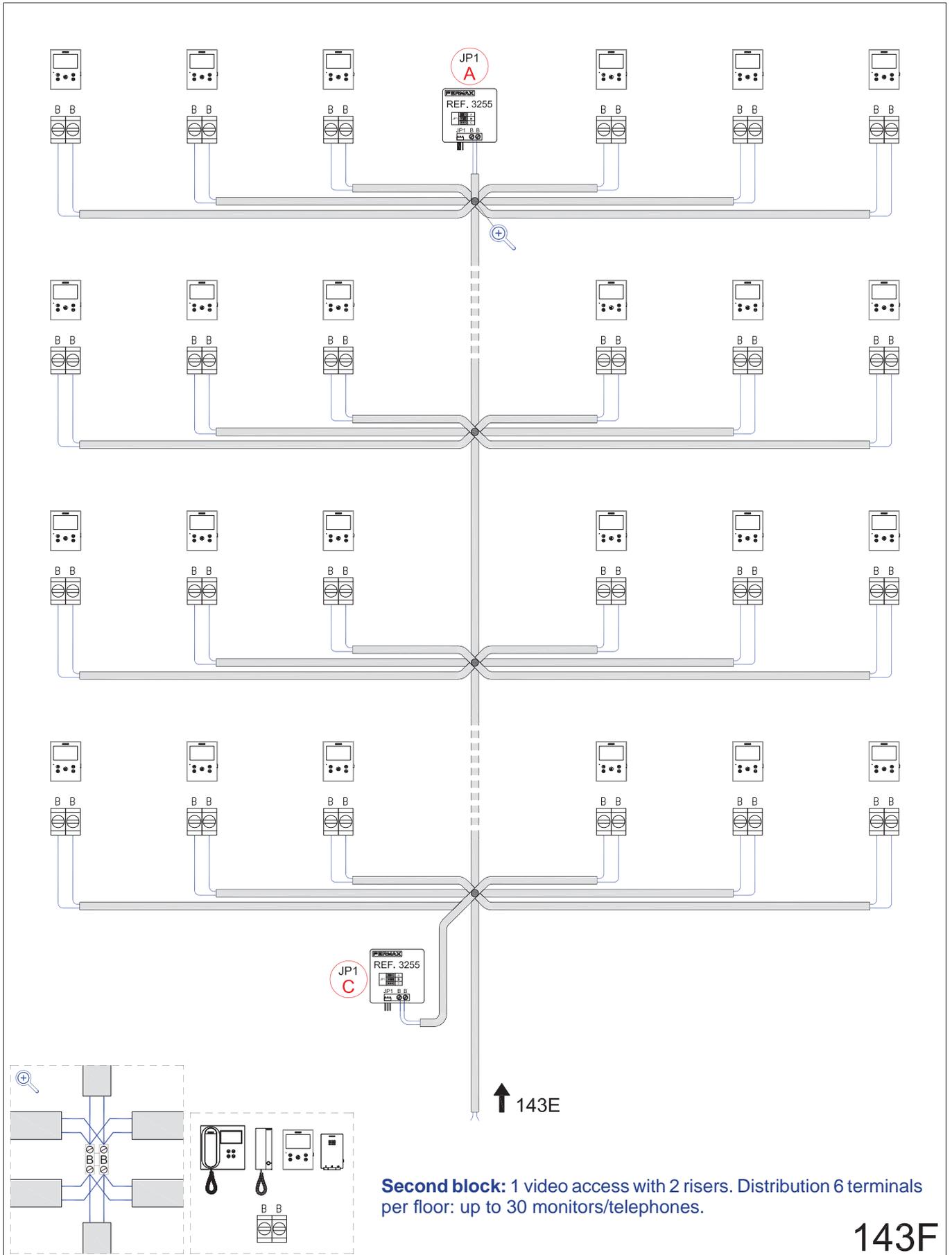
General entrance with 3 video accesses (distanced outdoor panels: maximum distance of 200 metres), to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 6 terminals per floor: up to 30 monitors/telephones.

Third block: 1 video access with 5 risers. Cascade: up to 25 monitors/telephones.

143F - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).



143F

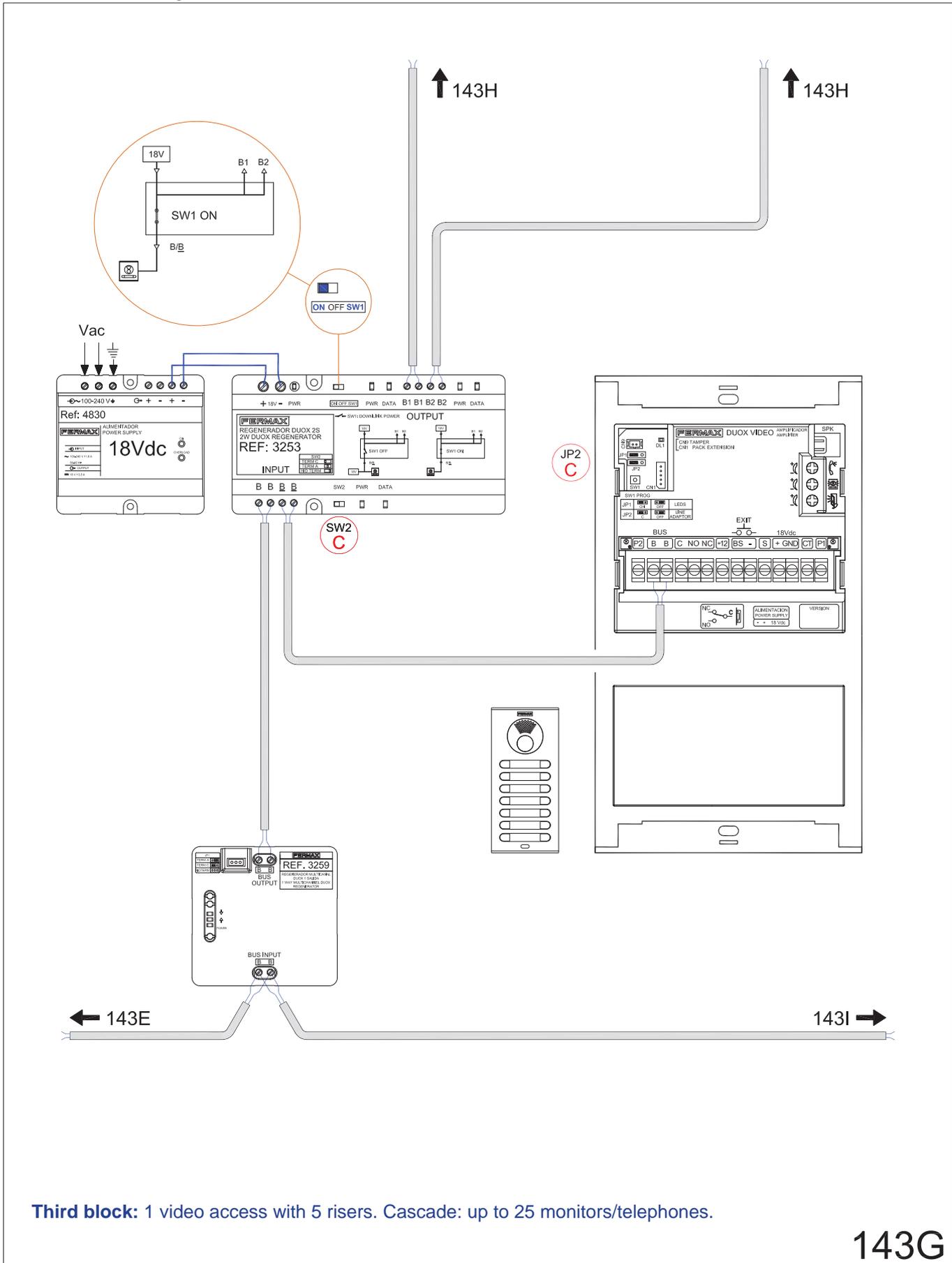
General entrance with 3 video accesses (distanced outdoor panels: maximum distance of 200 metres), to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 6 terminals per floor: up to 30 monitors/telephones.

Third block: 1 video access with 5 risers. Cascade: up to 25 monitors/telephones.

143G - WIRING DIAGRAM. Connection detail: Outdoor panel - 2S regenerator+Power supply - 1S multi-channel regenerator.



Third block: 1 video access with 5 risers. Cascade: up to 25 monitors/telephones.

143G

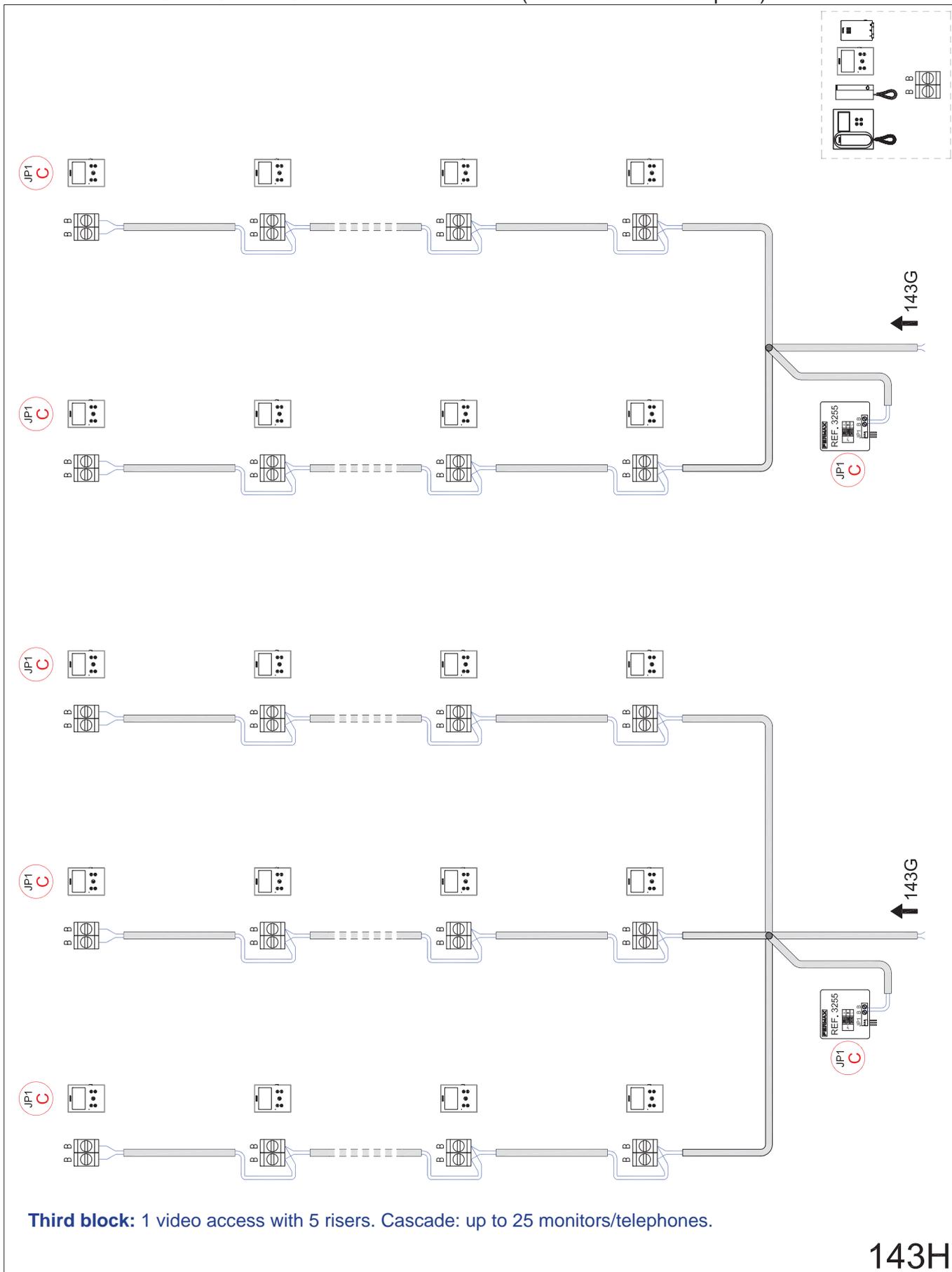
General entrance with 3 video accesses (distanced outdoor panels: maximum distance of 200 metres), to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 6 terminals per floor: up to 30 monitors/telephones.

Third block: 1 video access with 5 risers. Cascade: up to 25 monitors/telephones.

143H - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).



Third block: 1 video access with 5 risers. Cascade: up to 25 monitors/telephones.

143H

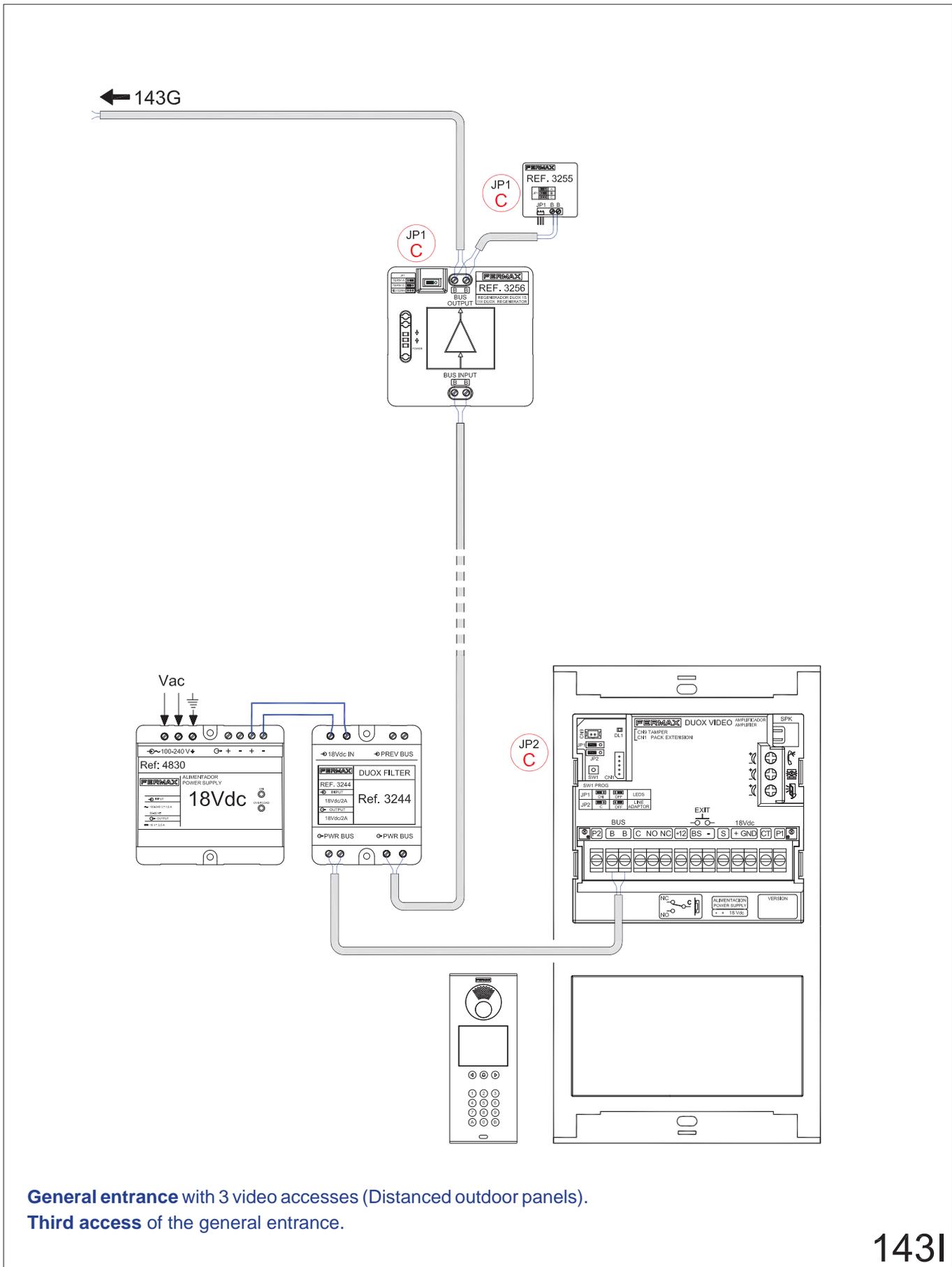
General entrance with 3 video accesses (distanced outdoor panels: maximum distance of 200 metres), to 3 internal blocks with outdoor panels.

First block: 1 video access with 1 riser. Distribution 4 terminals per floor: up to 20 monitors/telephones.

Second block: 1 video access with 2 risers. Distribution 6 terminals per floor: up to 30 monitors/telephones.

Third block: 1 video access with 5 risers. Cascade: up to 25 monitors/telephones.

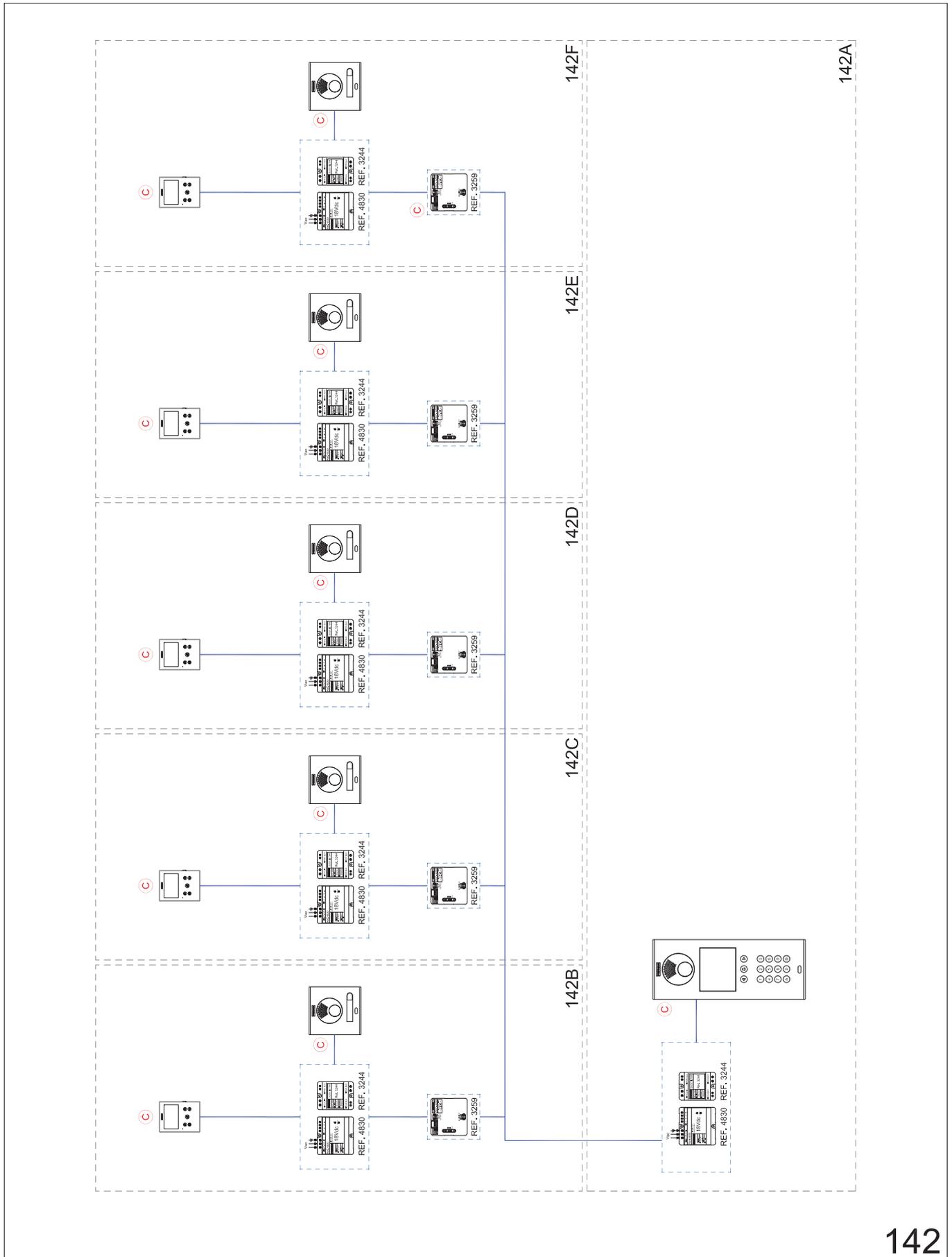
143I - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set - 1S regenerator - Line adapter.



General entrance with 3 video accesses (Distanced outdoor panels).
Third access of the general entrance.

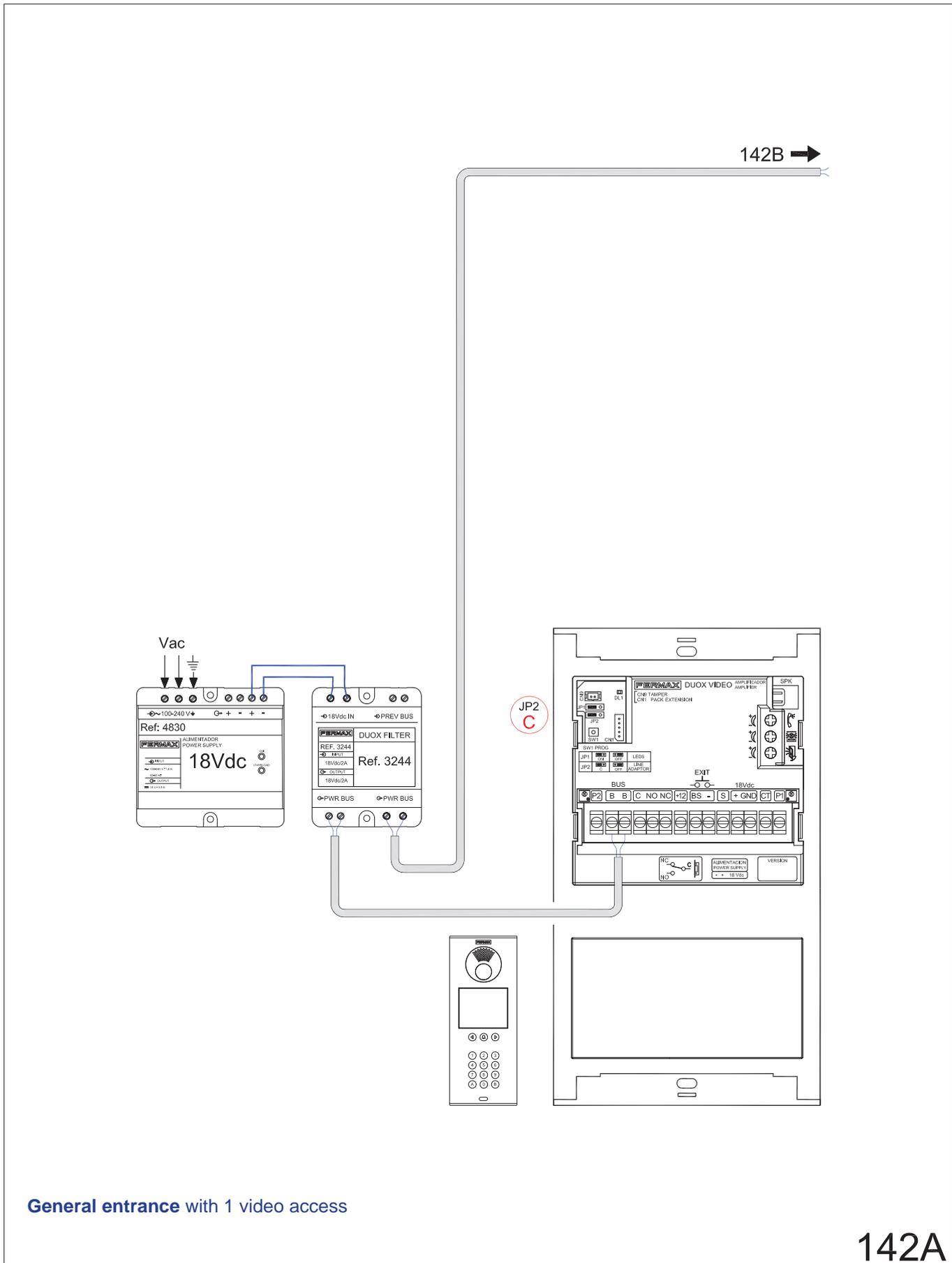
General entrance with 1 video access to 5 equal villas with outdoor panels.
 Each villa. 1 video access with 1 line to a monitor.

142 - SINGLE-LINE DIAGRAM.



General entrance with 1 video access to 5 equal villas with outdoor panels.
 Each villa. 1 video access with 1 line to a monitor.

142A - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set.

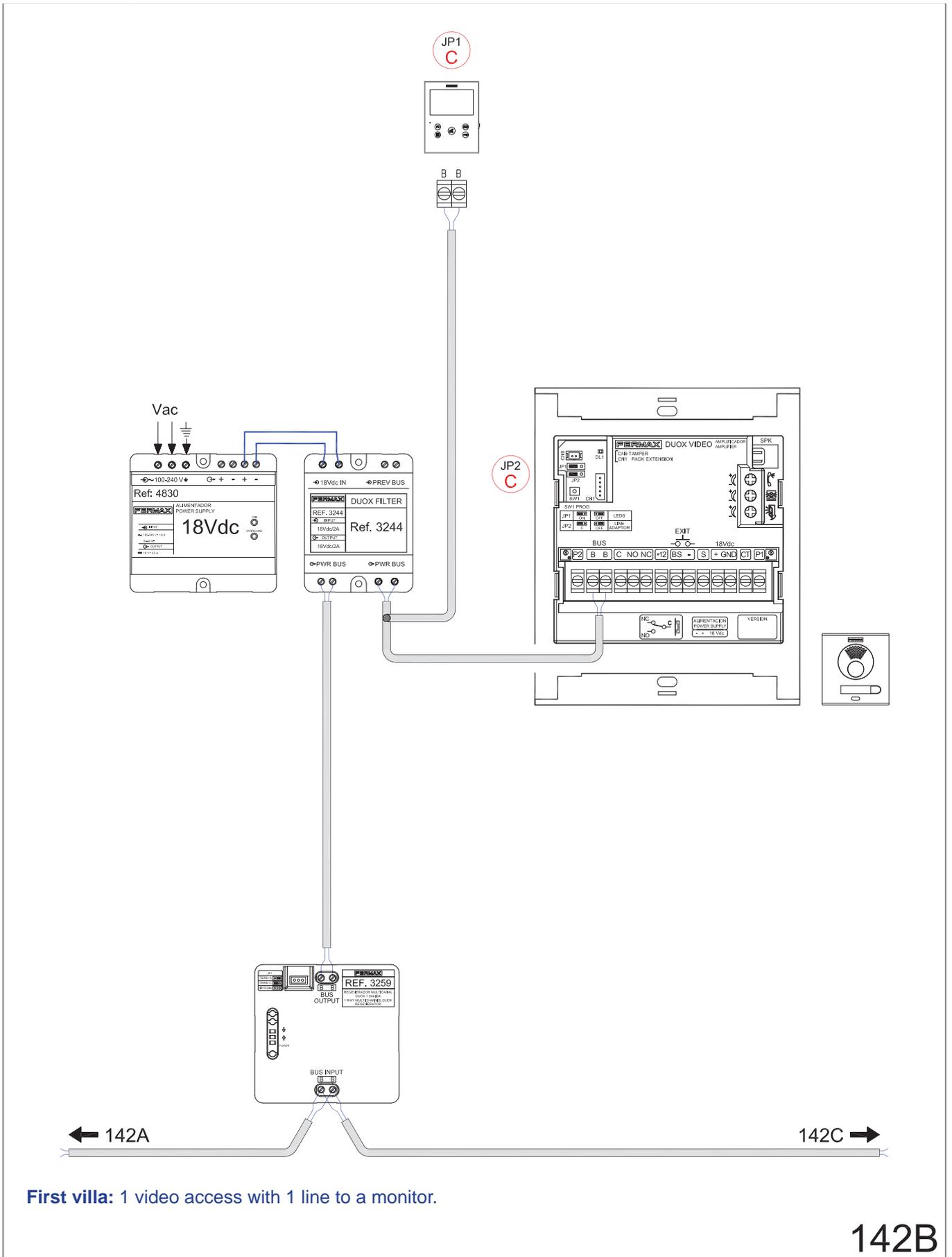


General entrance with 1 video access

142A

General entrance with 1 video access to 5 equal villas with outdoor panels.
 Each villa. 1 video access with 1 line to a monitor.

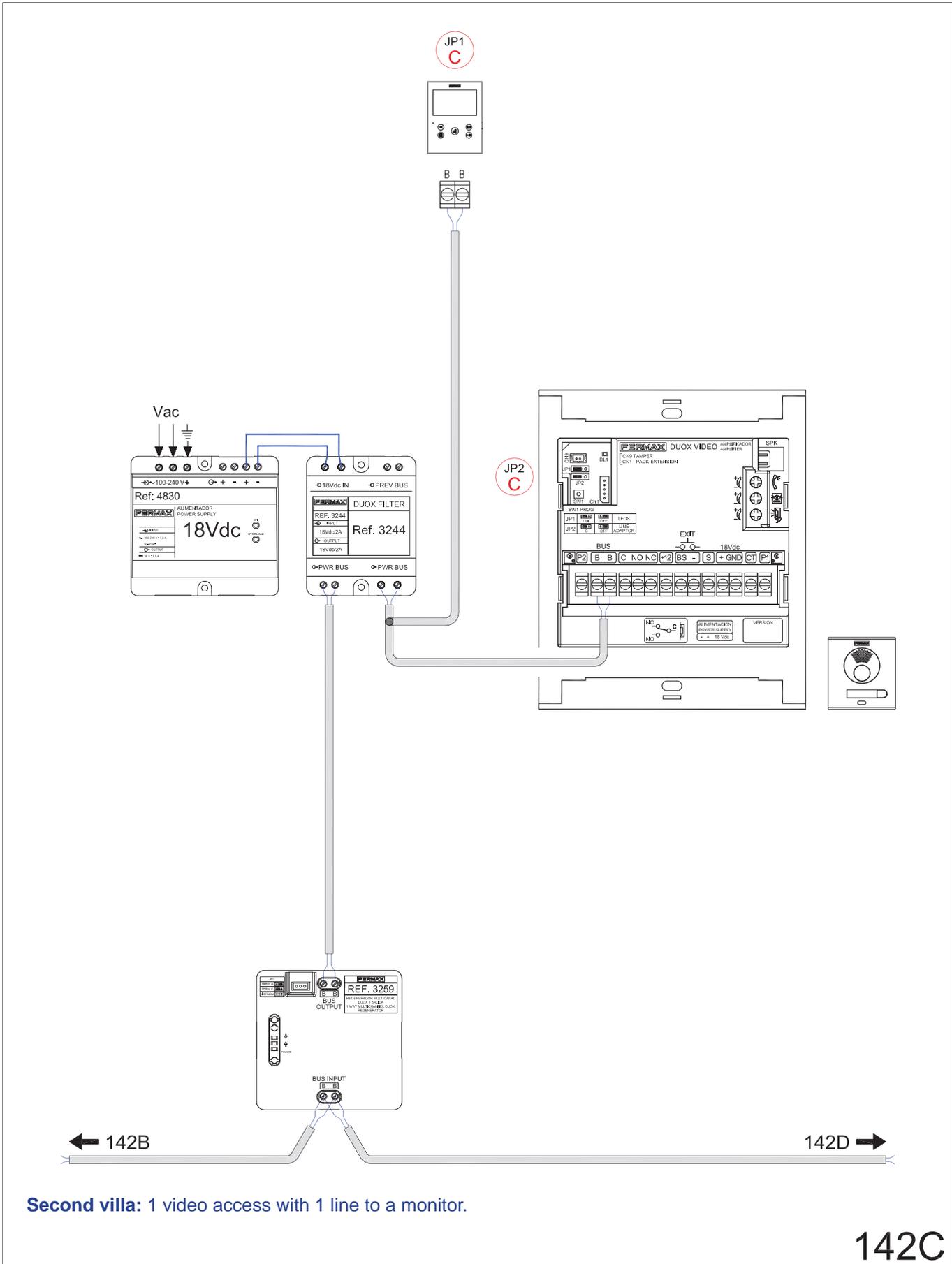
142B - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set - Monitor - 1S multi-channel regenerator.



First villa: 1 video access with 1 line to a monitor.

General entrance with 1 video access to 5 equal villas with outdoor panels.
 Each villa. 1 video access with 1 line to a monitor.

142C - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set - Monitor - 1S multi-channel regenerator.

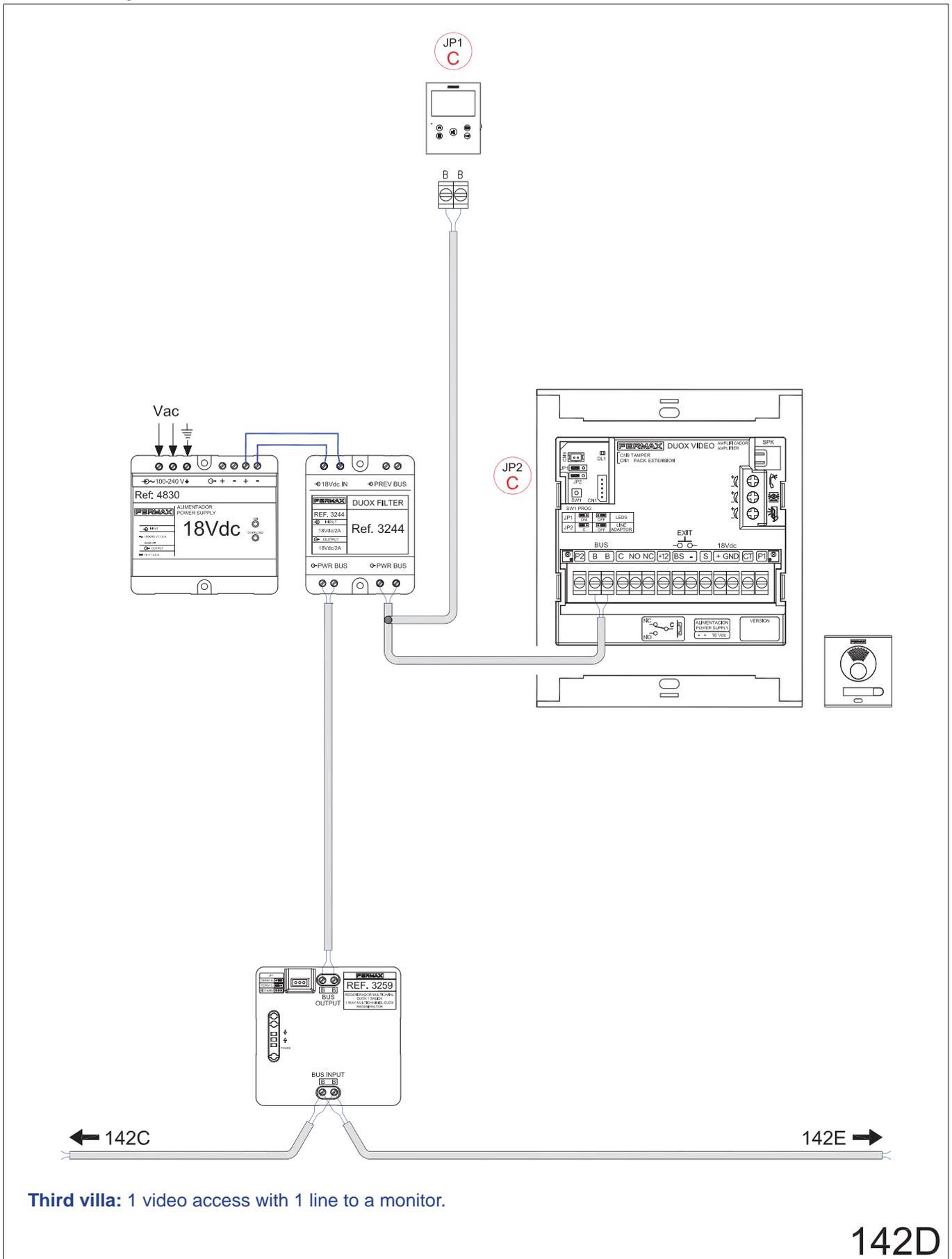


Second villa: 1 video access with 1 line to a monitor.

142C

General entrance with 1 video access to 5 equal villas with outdoor panels.
 Each villa. 1 video access with 1 line to a monitor.

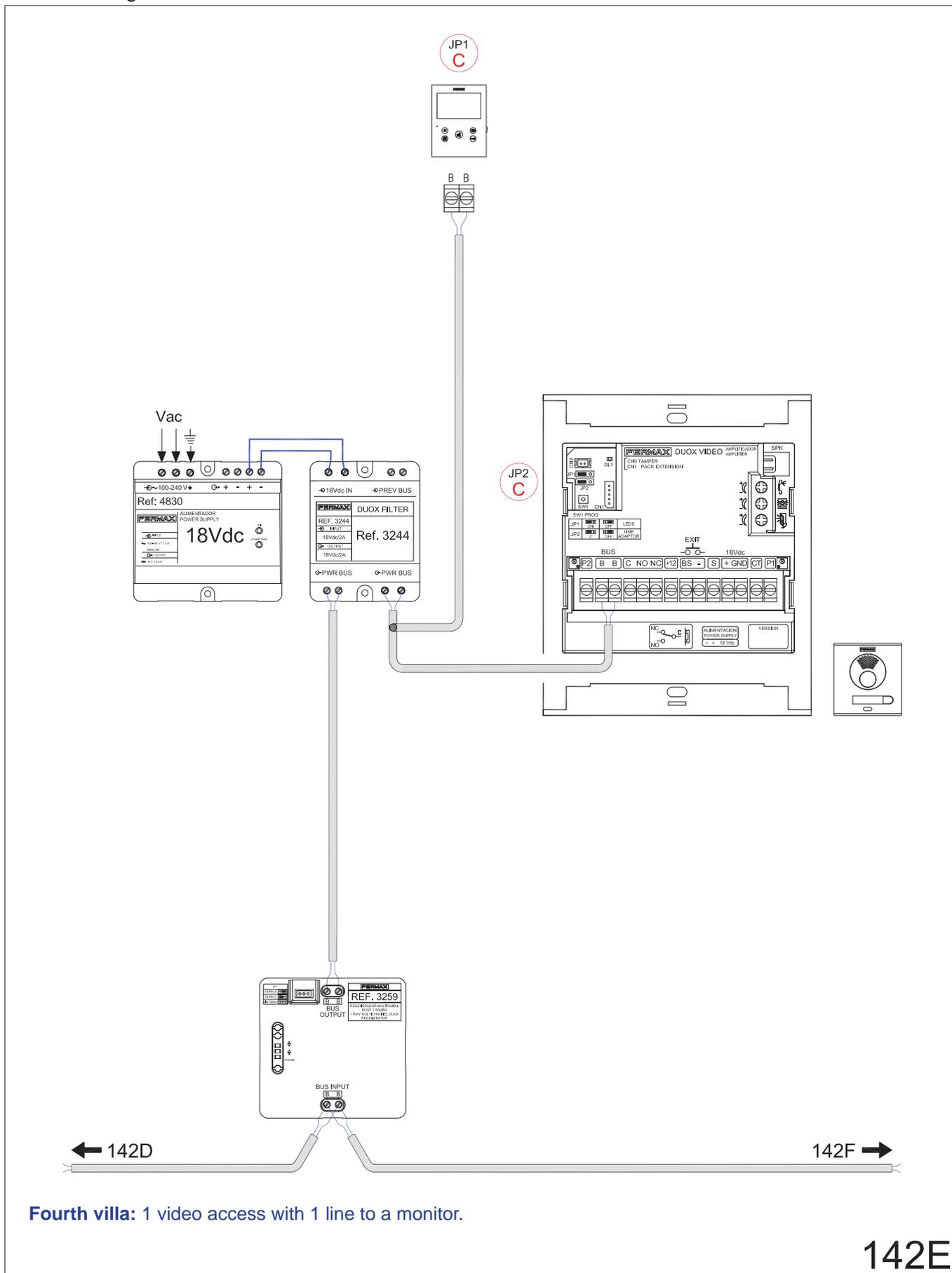
142D - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set - Monitor - 1S multi-channel regenerator.



Third villa: 1 video access with 1 line to a monitor.

General entrance with 1 video access to 5 equal villas with outdoor panels.
 Each villa. 1 video access with 1 line to a monitor.

142E - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set - Monitor - 1S multi-channel regenerator.

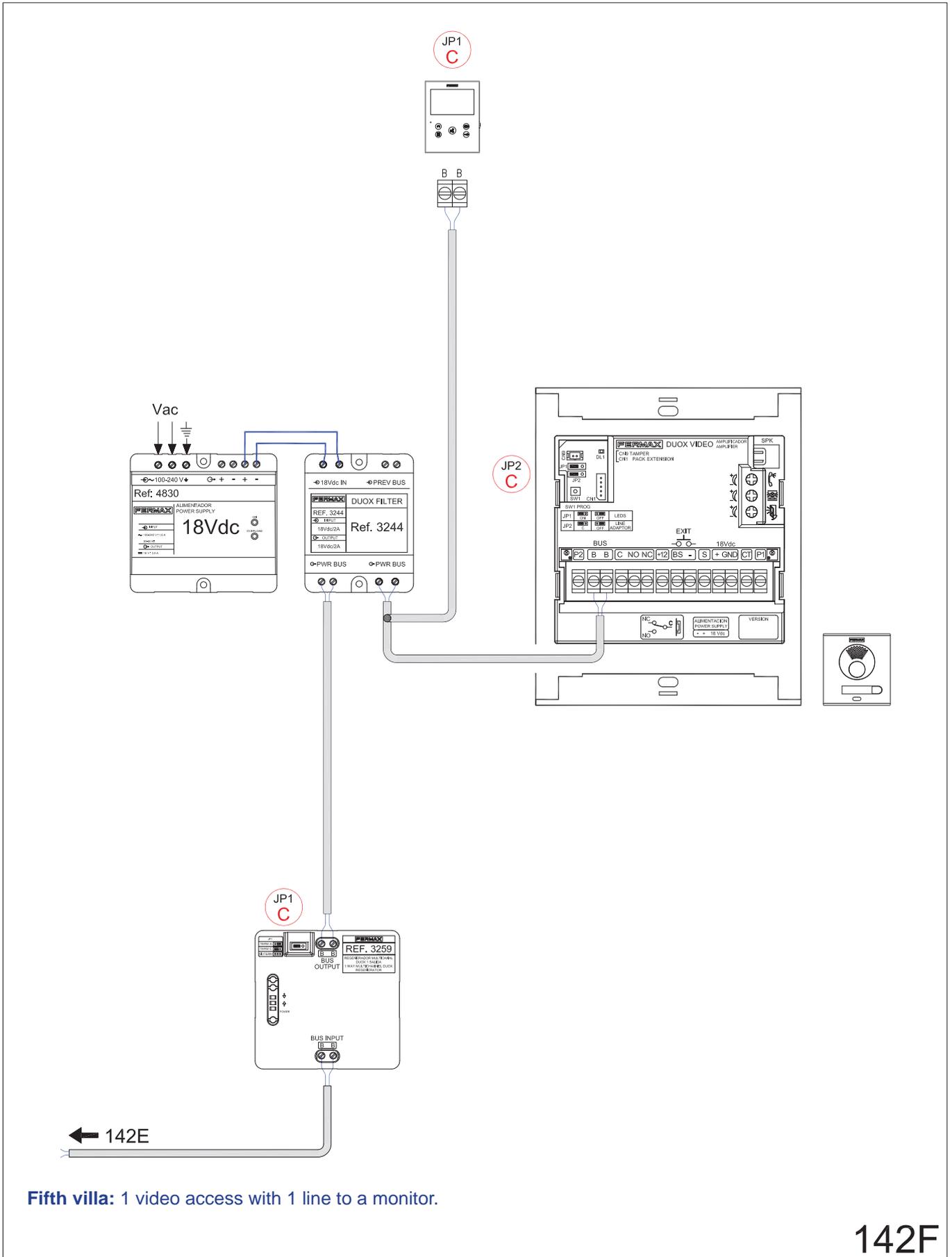


Fourth villa: 1 video access with 1 line to a monitor.

142E

General entrance with 1 video access to 5 equal villas with outdoor panels.
 Each villa. 1 video access with 1 line to a monitor.

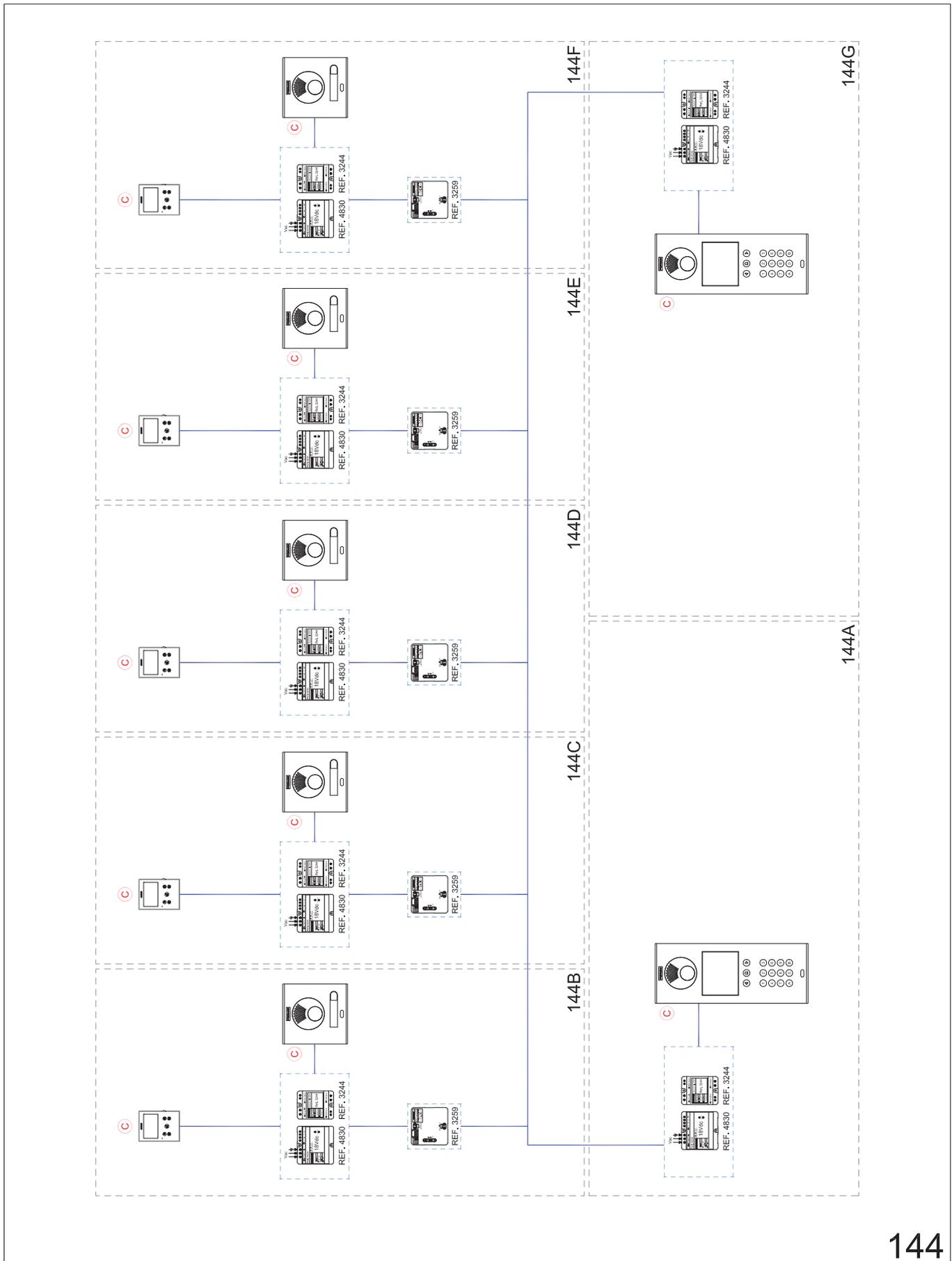
142F - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set - Monitor - 1S multi-channel regenerator.



Fifth villa: 1 video access with 1 line to a monitor.

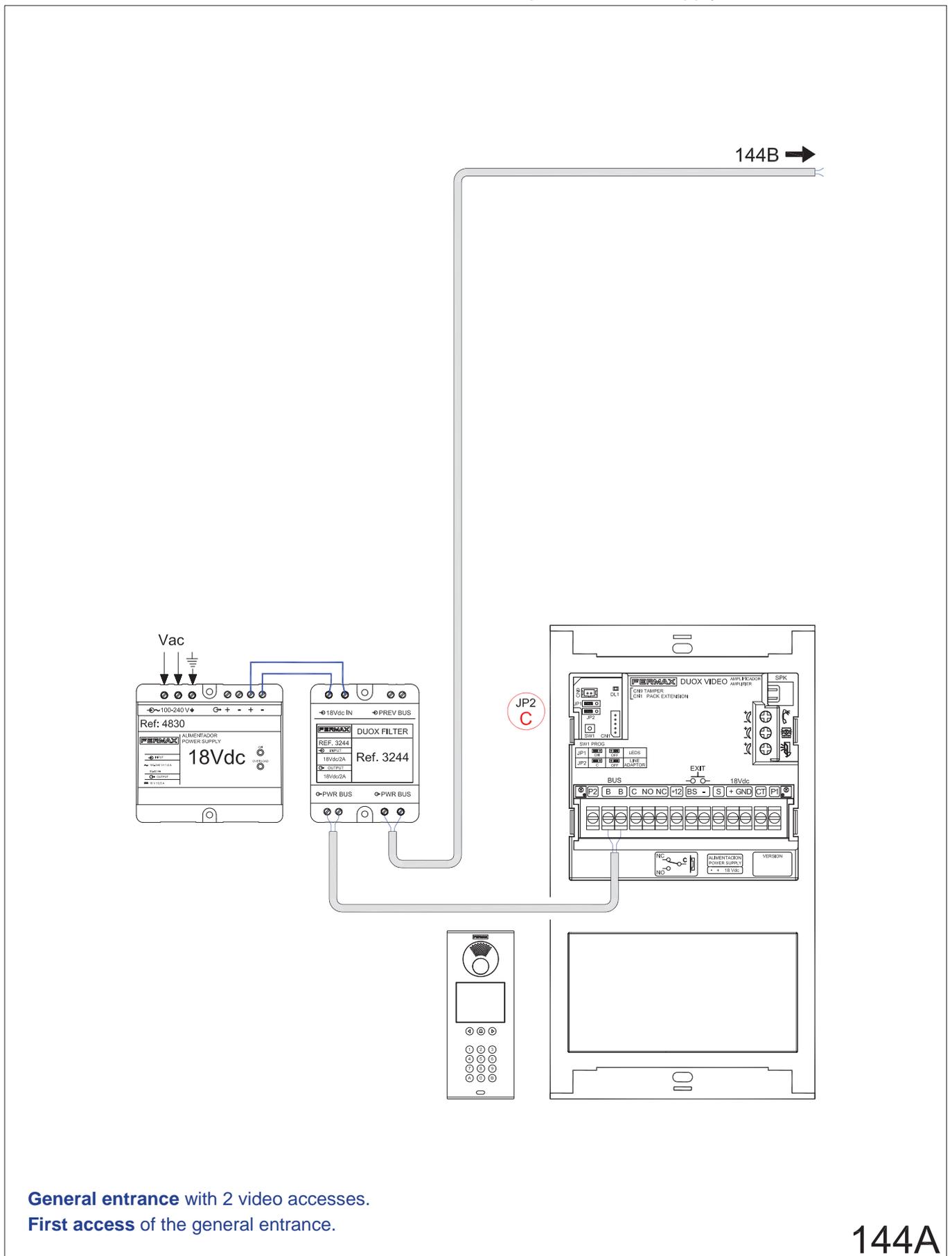
General entrance with 2 video accesses to 5 equal villas with outdoor panels.
 Each villa. 1 video access with 1 line to a monitor.

144 - SINGLE-LINE DIAGRAM.



General entrance with 2 video accesses to 5 equal villas with outdoor panels.
 Each villa. 1 video access with 1 line to a monitor.

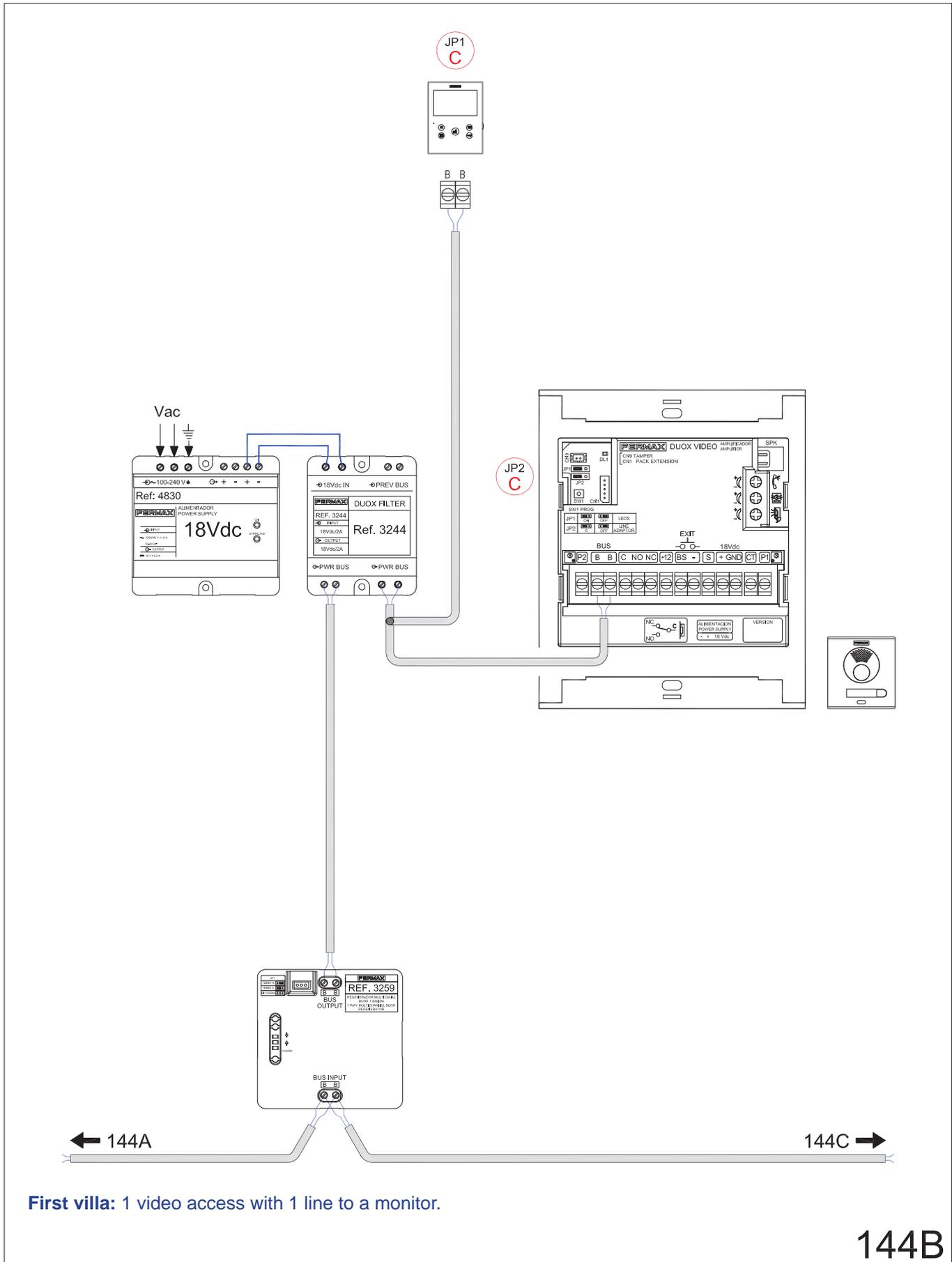
144A - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set.



General entrance with 2 video accesses.
 First access of the general entrance.

General entrance with 2 video accesses to 5 equal villas with outdoor panels.
 Each villa. 1 video access with 1 line to a monitor.

144B - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set - Monitor - 1S multi-channel regenerator.

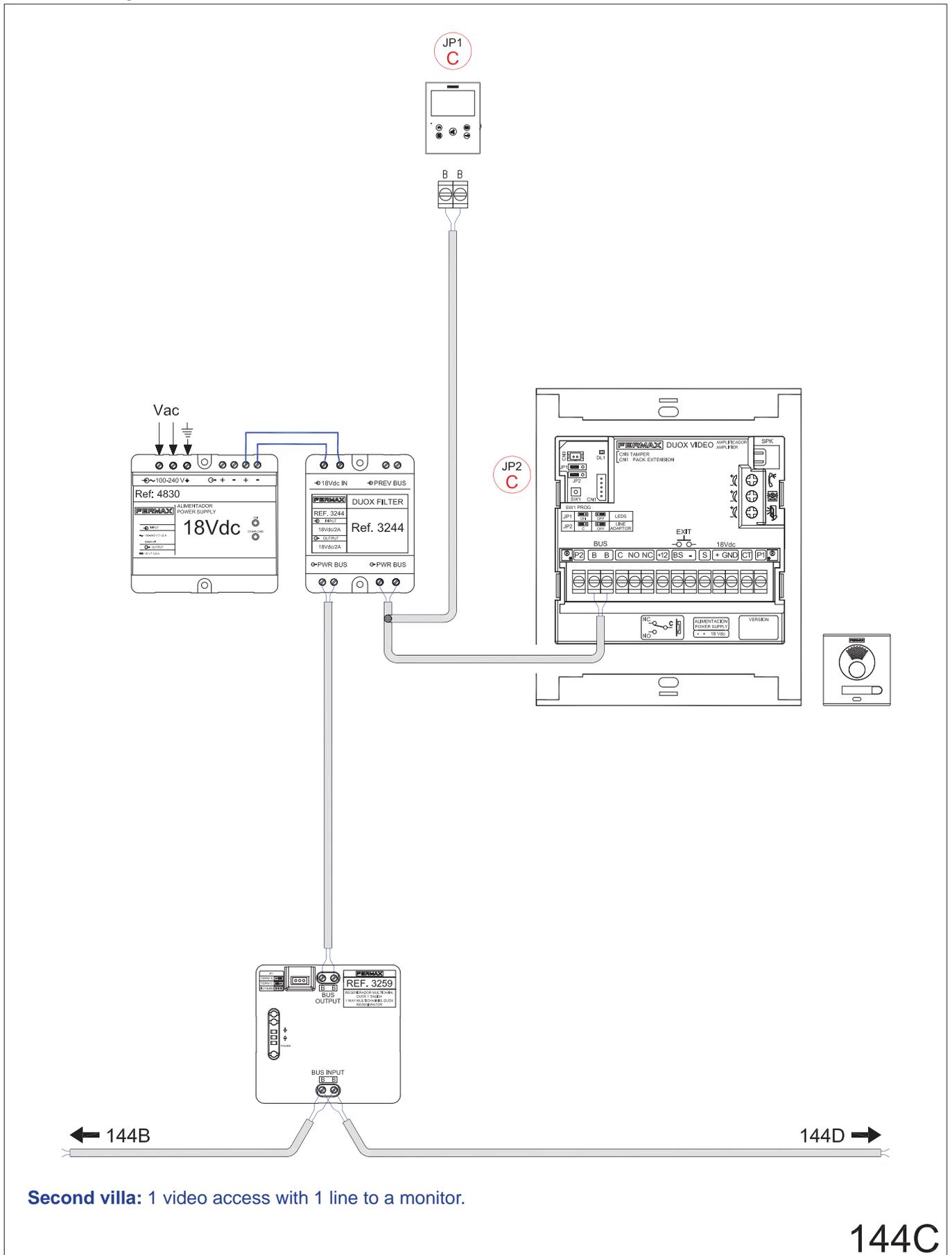


First villa: 1 video access with 1 line to a monitor.

144B

General entrance with 2 video accesses to 5 equal villas with outdoor panels.
 Each villa. 1 video access with 1 line to a monitor.

144C - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set - Monitor - 1S multi-channel regenerator.

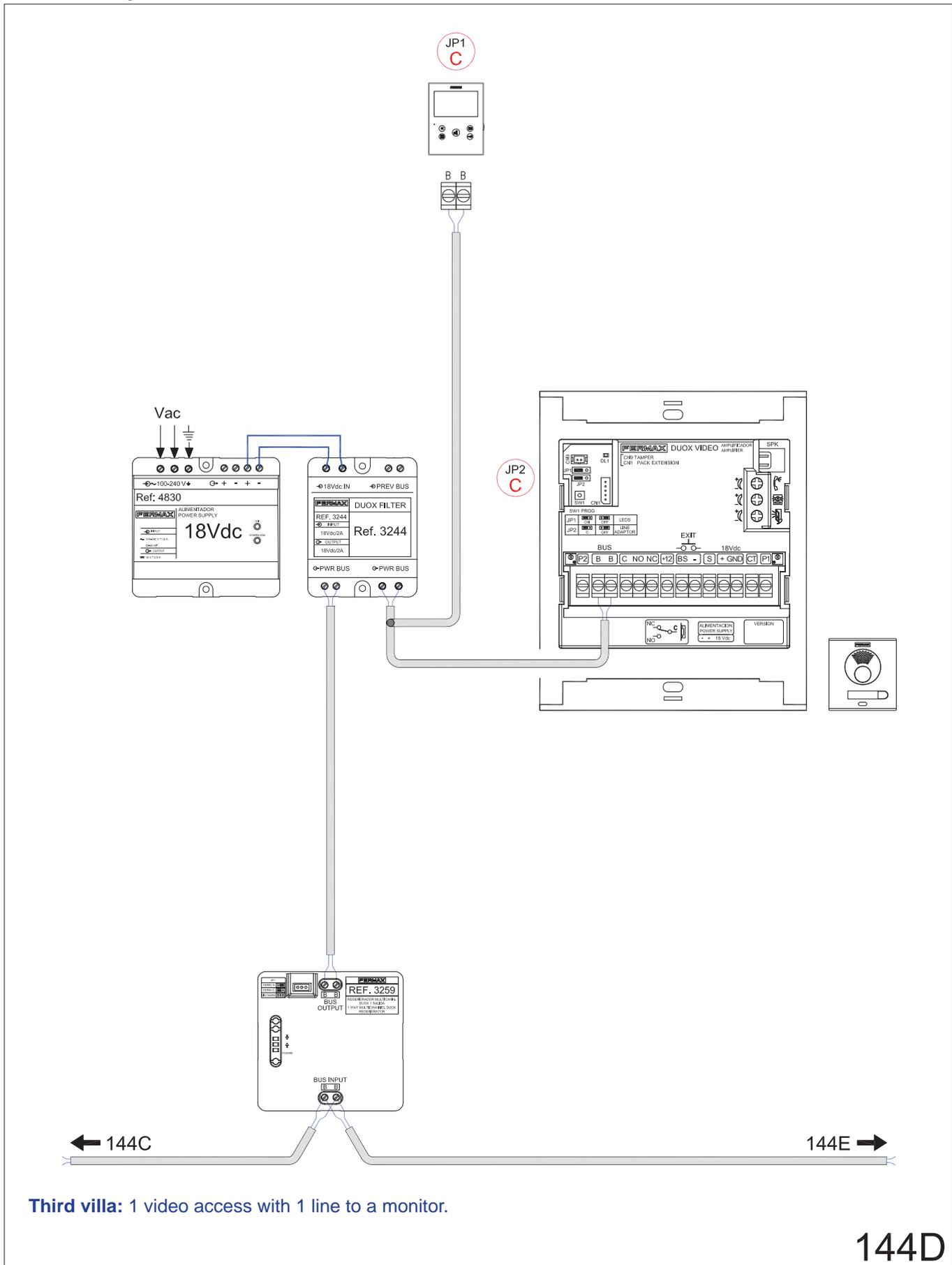


Second villa: 1 video access with 1 line to a monitor.

144C

General entrance with 2 video accesses to 5 equal villas with outdoor panels.
 Each villa. 1 video access with 1 line to a monitor.

144D - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set - Monitor - 1S multi-channel regenerator.

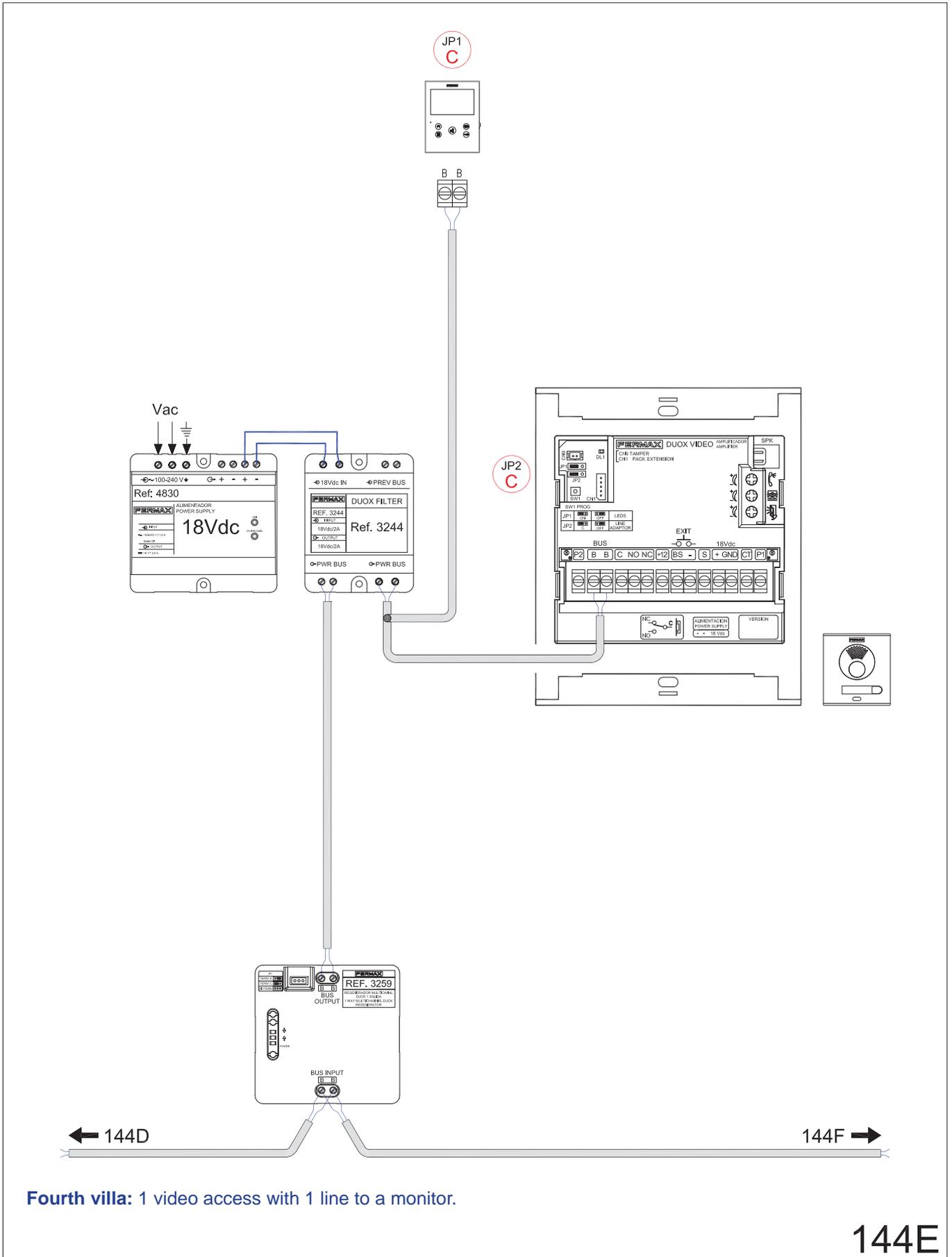


Third villa: 1 video access with 1 line to a monitor.

144D

General entrance with 2 video accesses to 5 equal villas with outdoor panels.
 Each villa. 1 video access with 1 line to a monitor.

144E - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set - Monitor - 1S multi-channel regenerator.

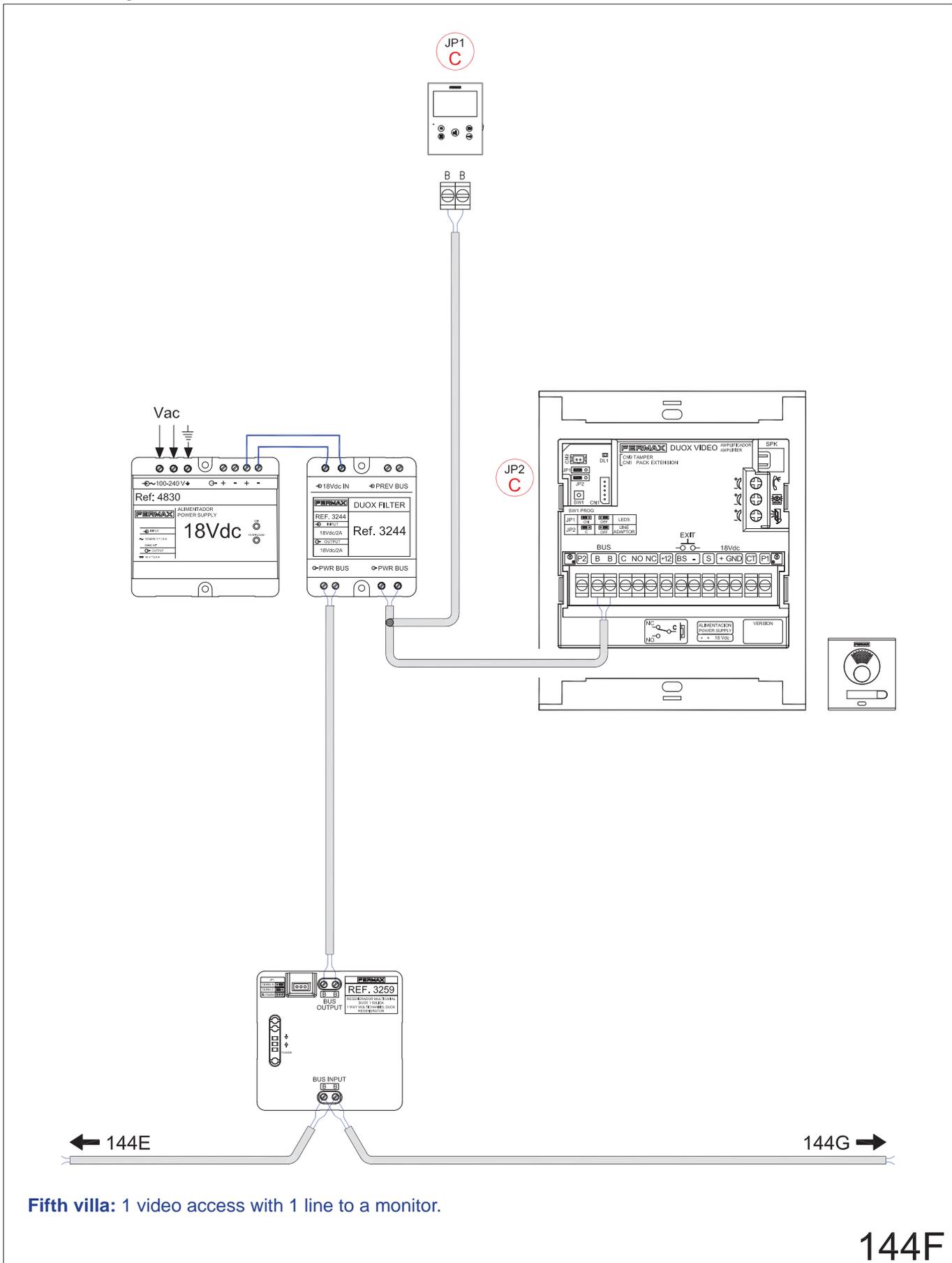


Fourth villa: 1 video access with 1 line to a monitor.

144E

General entrance with 2 video accesses to 5 equal villas with outdoor panels.
 Each villa. 1 video access with 1 line to a monitor.

144F - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set - Monitor - 1S multi-channel regenerator.

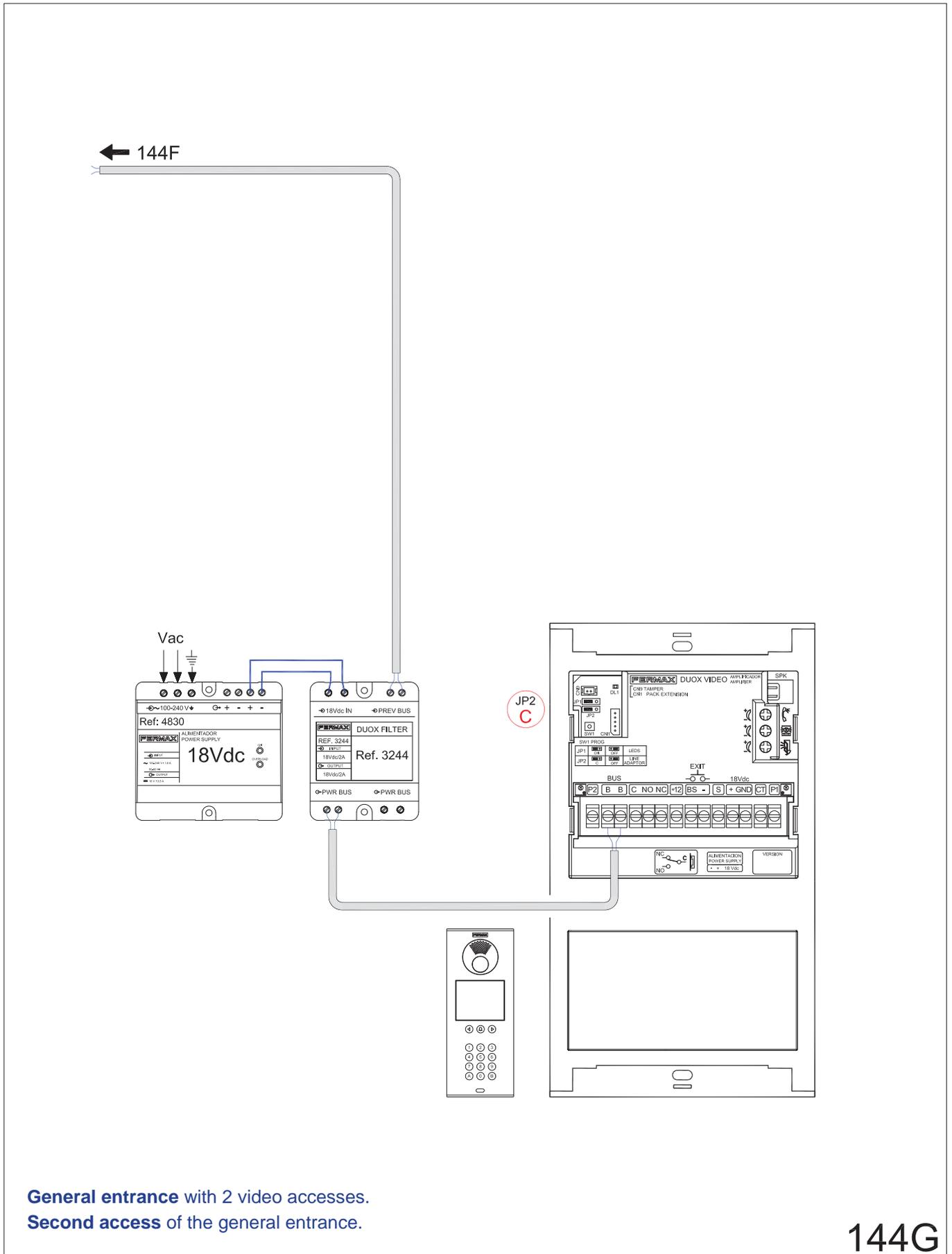


Fifth villa: 1 video access with 1 line to a monitor.

144F

General entrance with 2 video accesses to 5 equal villas with outdoor panels.
 Each villa. 1 video access with 1 line to a monitor.

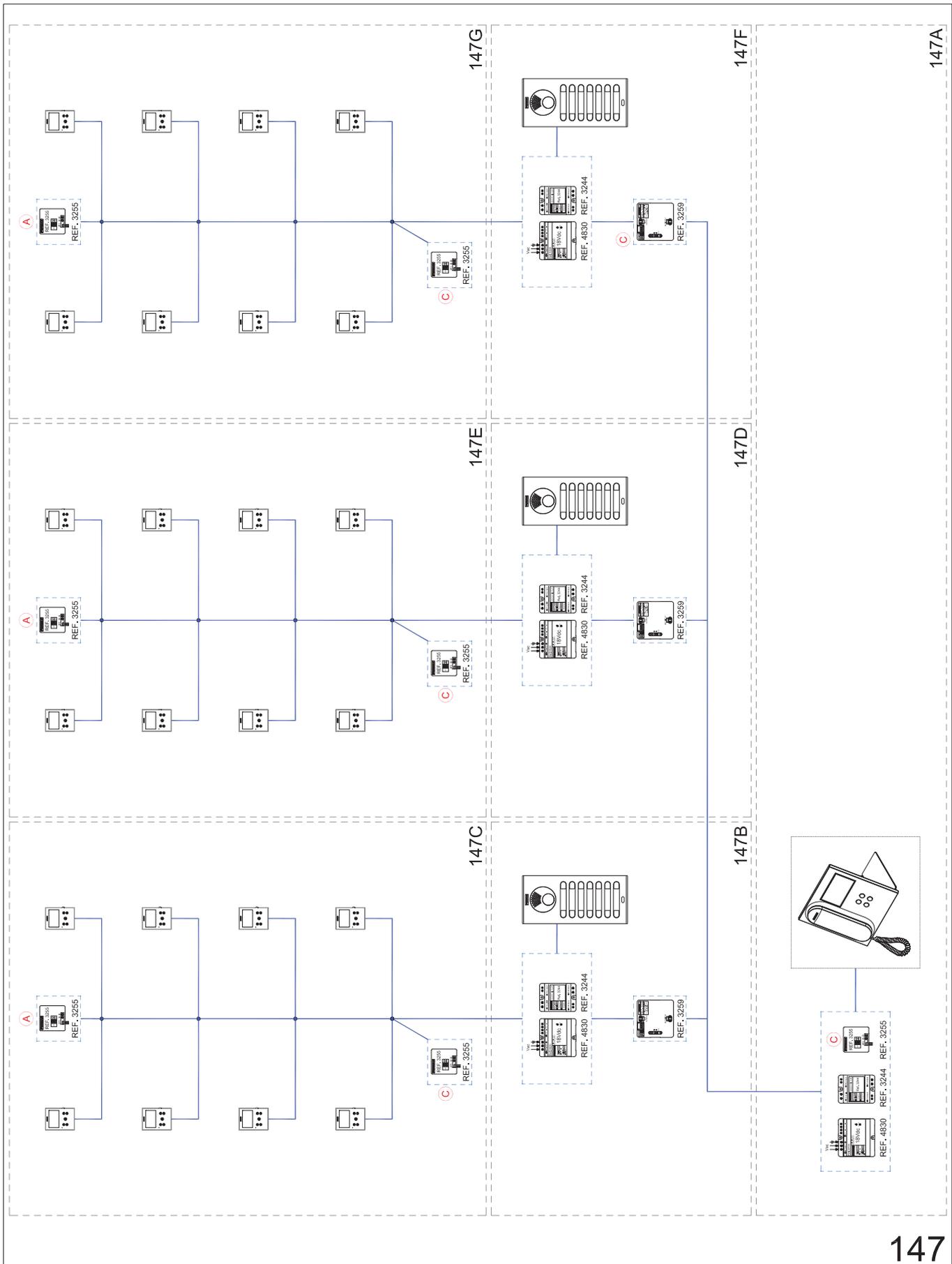
144G - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set.



General entrance with 2 video accesses.
 Second access of the general entrance.

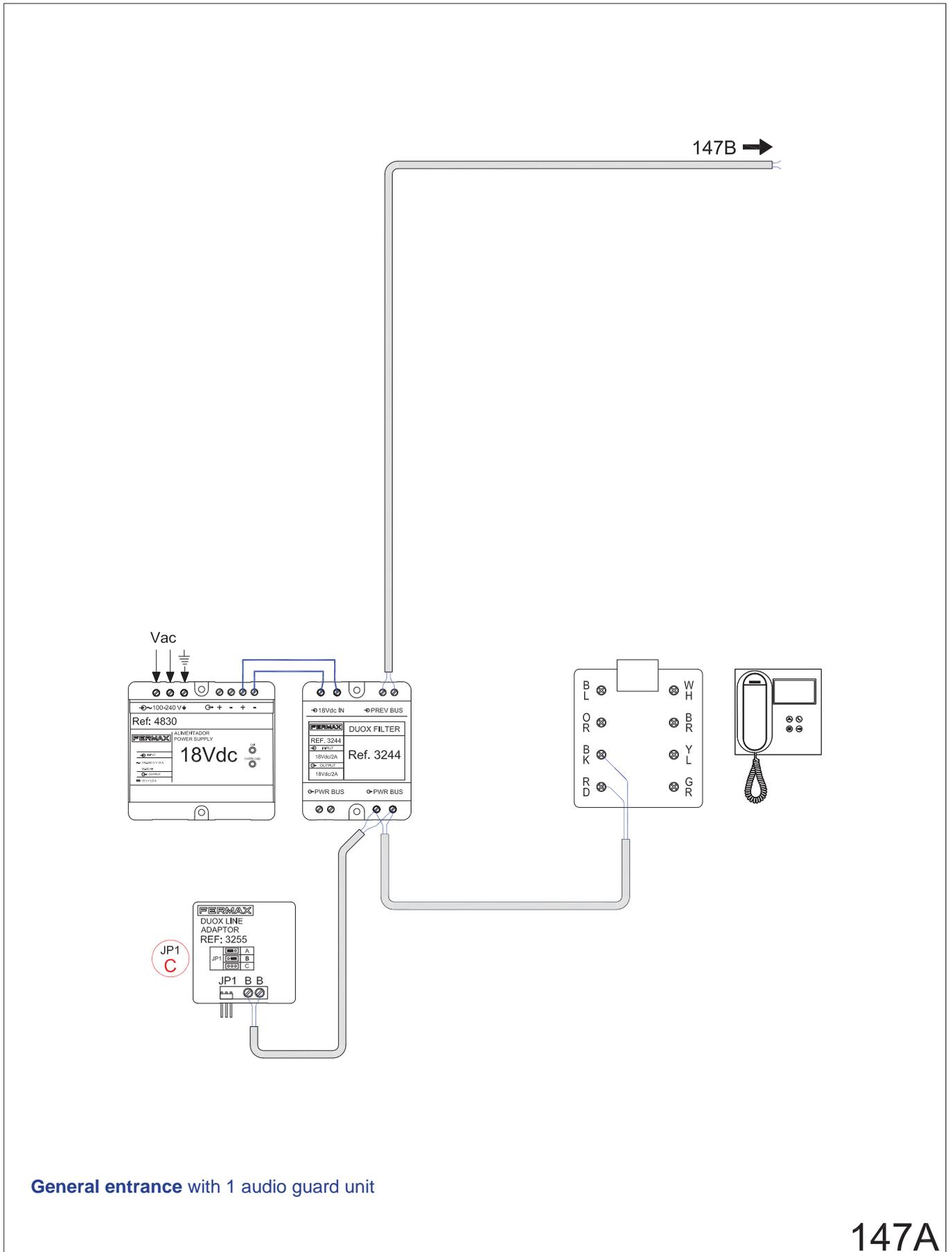
General entrance with 1 audio guard unit to 3 equal internal blocks with outdoor panels.
 Each block. 1 video access with 1 riser. Distribution 2 terminals per floor: up to 20 monitors/telephones.

147 - SINGLE-LINE DIAGRAM.



General entrance with 1 audio guard unit to 3 equal internal blocks with outdoor panels.
 Each block. 1 video access with 1 riser. Distribution 2 terminals per floor: up to 20 monitors/telephones.

147A - WIRING DIAGRAM. Connection detail: Guard unit - Power supply set - Line adapter.

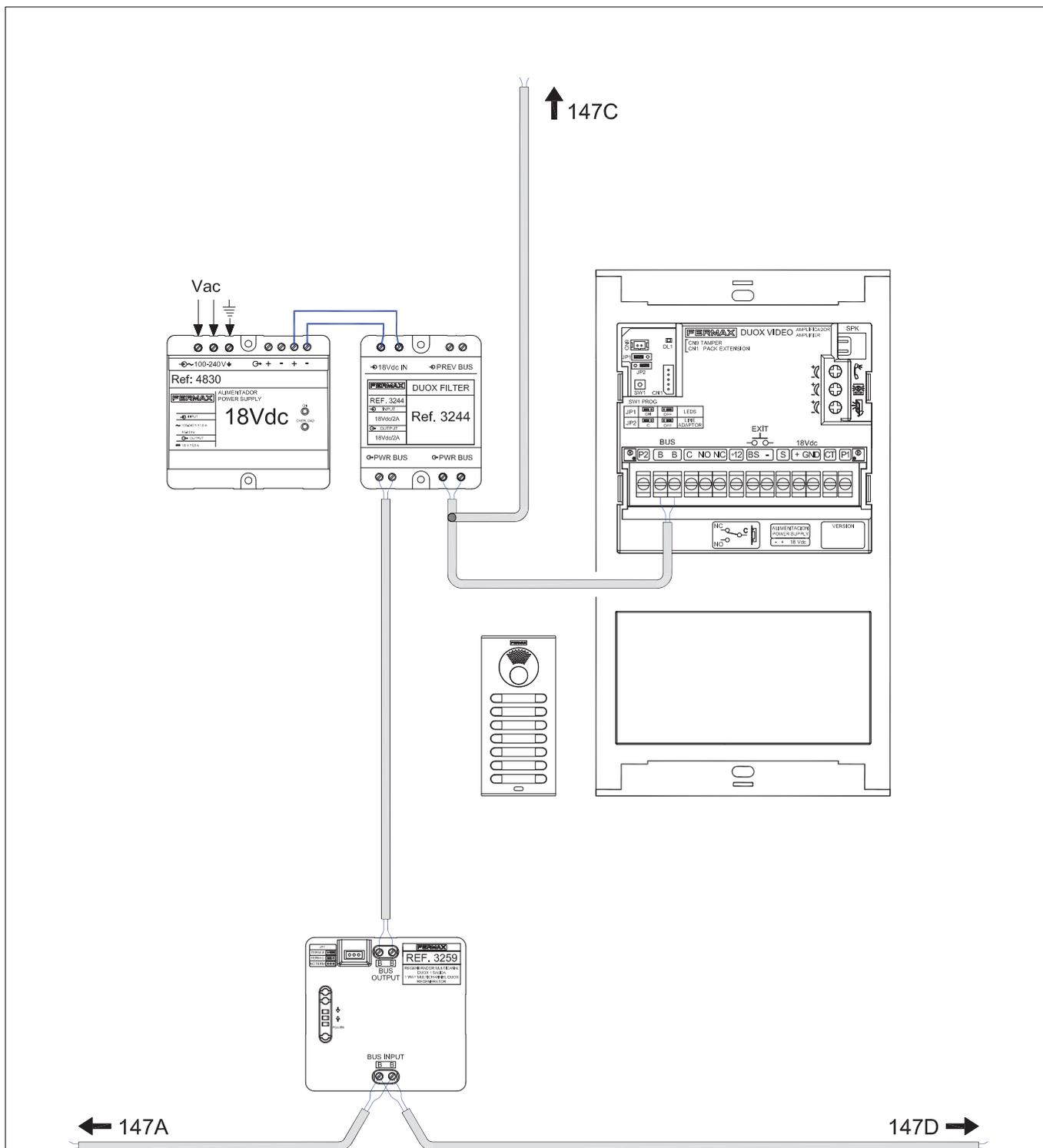


General entrance with 1 audio guard unit

147A

General entrance with 1 audio guard unit to 3 equal internal blocks with outdoor panels.
 Each block. 1 video access with 1 riser. Distribution 2 terminals per floor: up to 20 monitors/telephones.

147B - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set - 1S multi-channel regenerator.



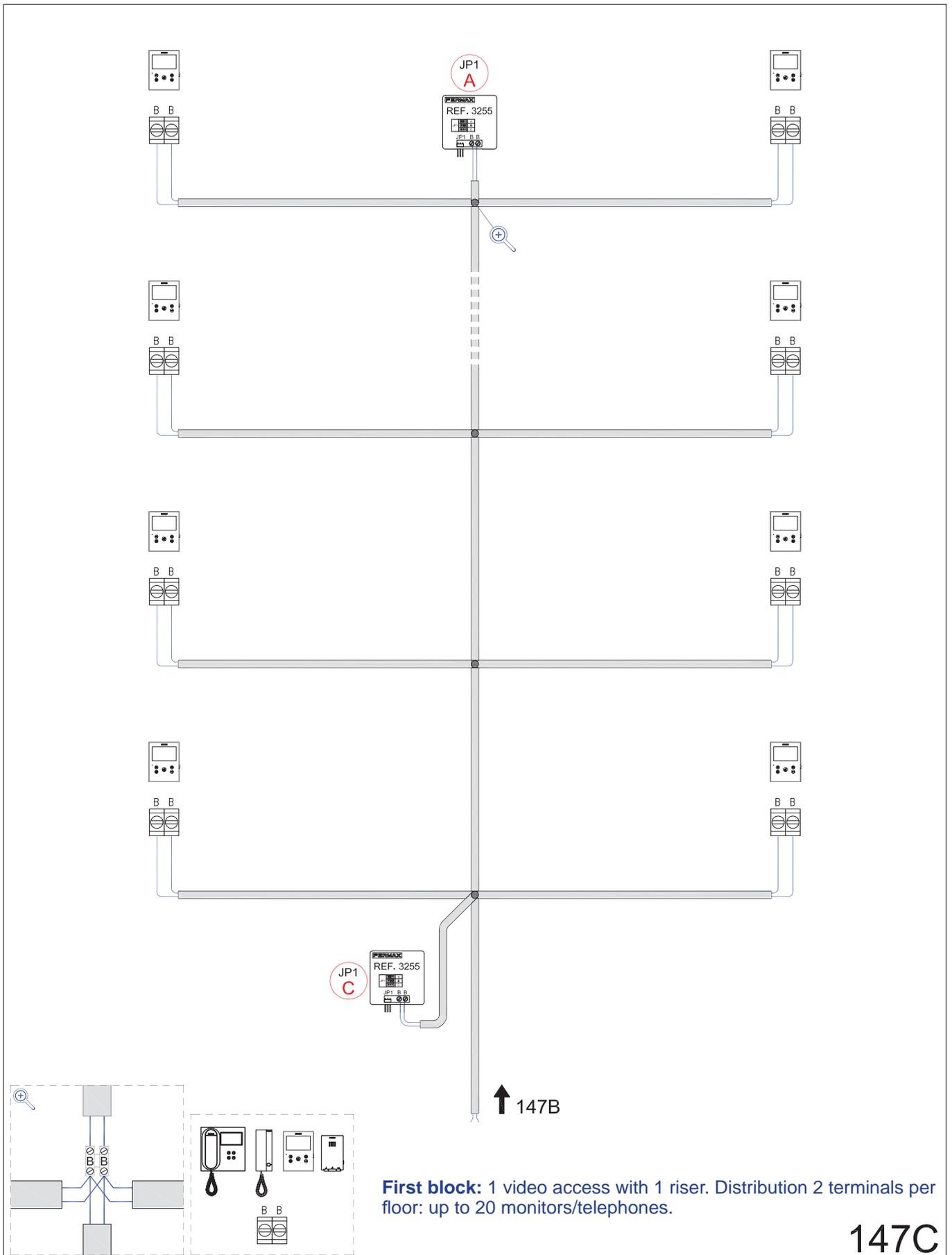
First block: 1 video access with 1 riser. Distribution 2 terminals per floor: up to 20 monitors/telephones.

147B

General entrance with 1 audio guard unit to 3 equal internal blocks with outdoor panels.

Each block. 1 video access with 1 riser. Distribution 2 terminals per floor: up to 20 monitors/telephones.

147C - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).

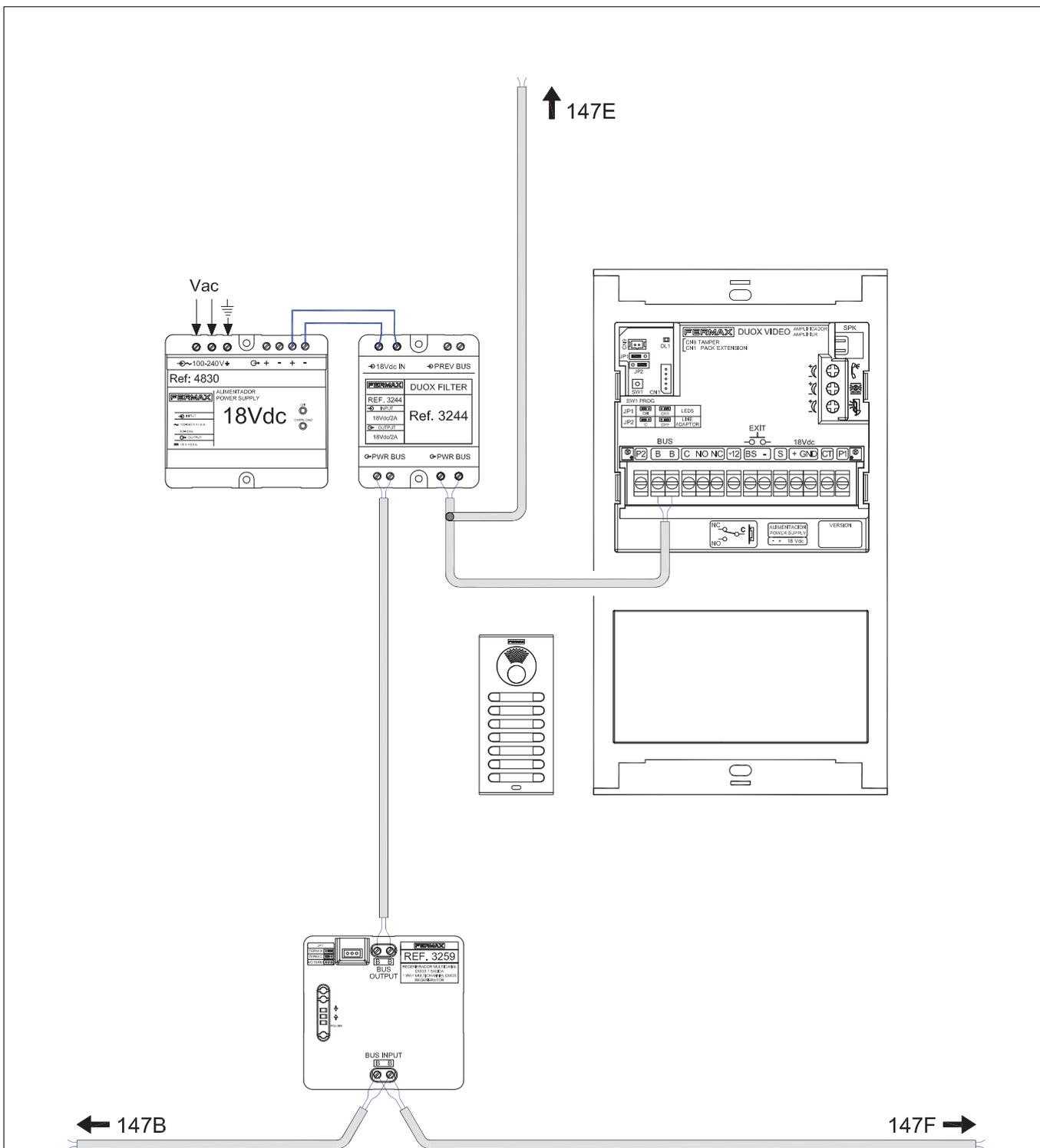


First block: 1 video access with 1 riser. Distribution 2 terminals per floor: up to 20 monitors/telephones.

147C

General entrance with 1 audio guard unit to 3 equal internal blocks with outdoor panels.
 Each block. 1 video access with 1 riser. Distribution 2 terminals per floor: up to 20 monitors/telephones.

147D - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set - 1S multi-channel regenerator.



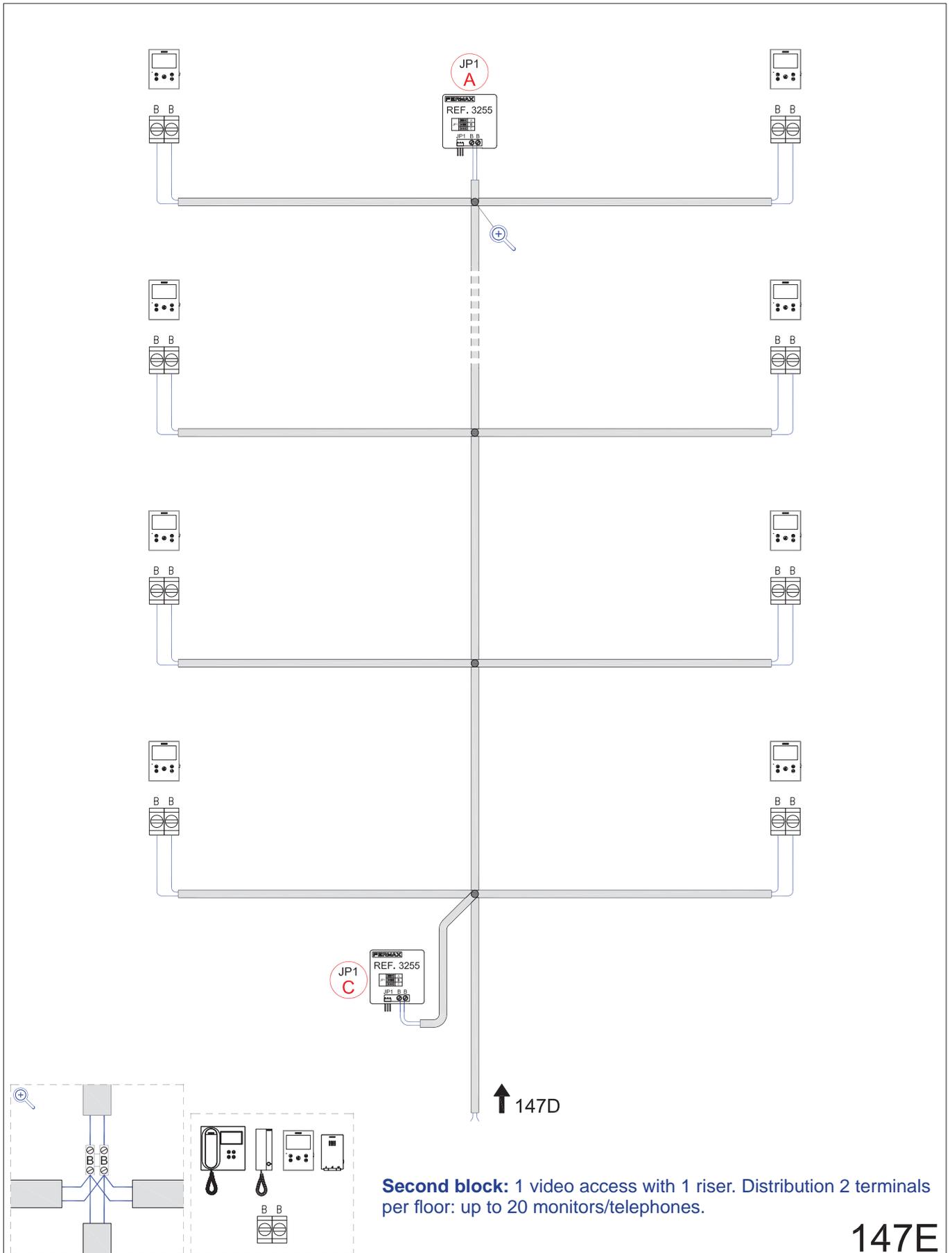
Second block: 1 video access with 1 riser. Distribution 2 terminals per floor: up to 20 monitors/telephones.

147D

General entrance with 1 audio guard unit to 3 equal internal blocks with outdoor panels.

Each block. 1 video access with 1 riser. Distribution 2 terminals per floor: up to 20 monitors/telephones.

147E - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).

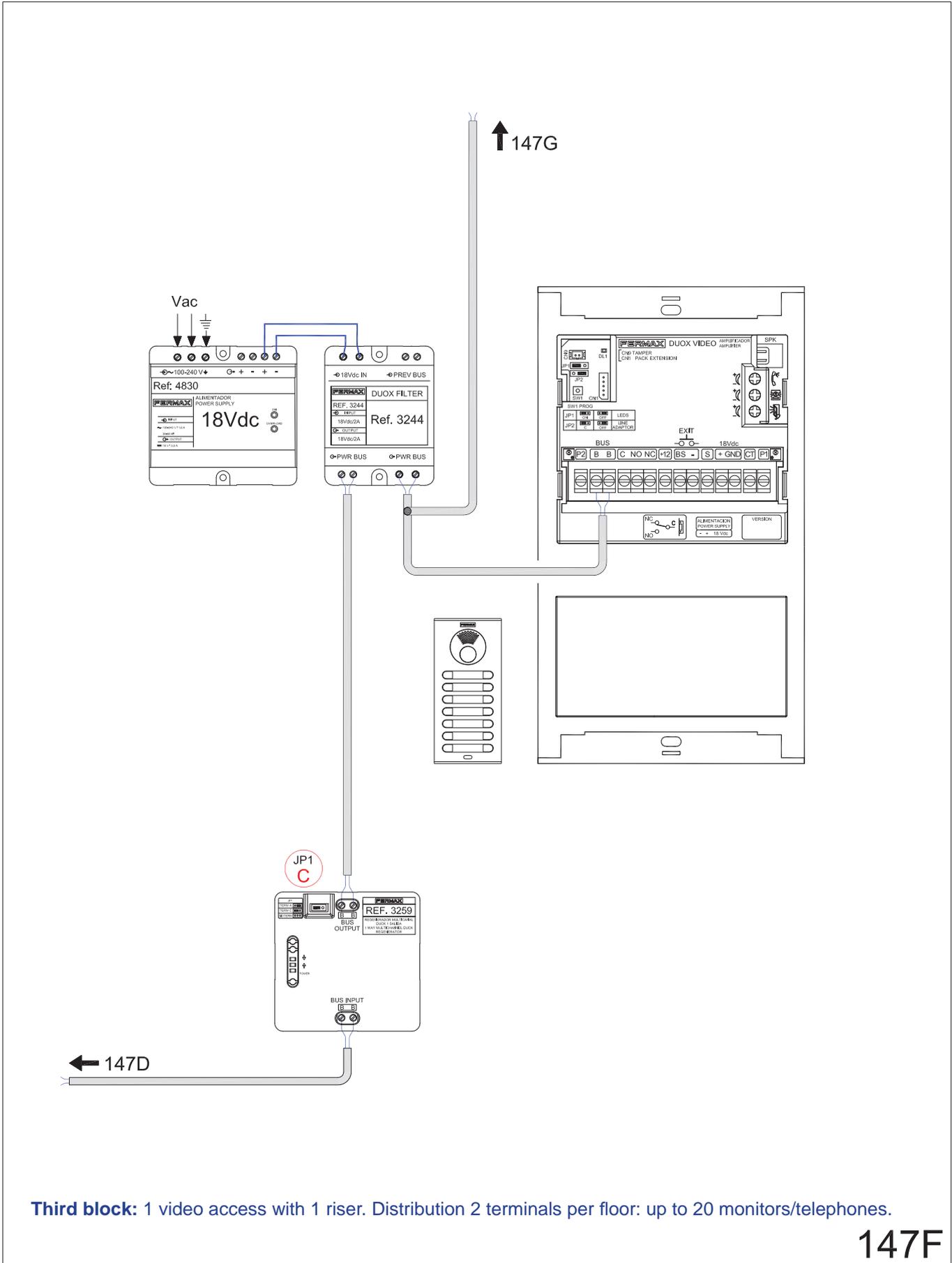


Second block: 1 video access with 1 riser. Distribution 2 terminals per floor: up to 20 monitors/telephones.

147E

General entrance with 1 audio guard unit to 3 equal internal blocks with outdoor panels.
 Each block. 1 video access with 1 riser. Distribution 2 terminals per floor: up to 20 monitors/telephones.

147F - WIRING DIAGRAM. Connection detail: Outdoor panel - Power supply set - 1S multi-channel regenerator.



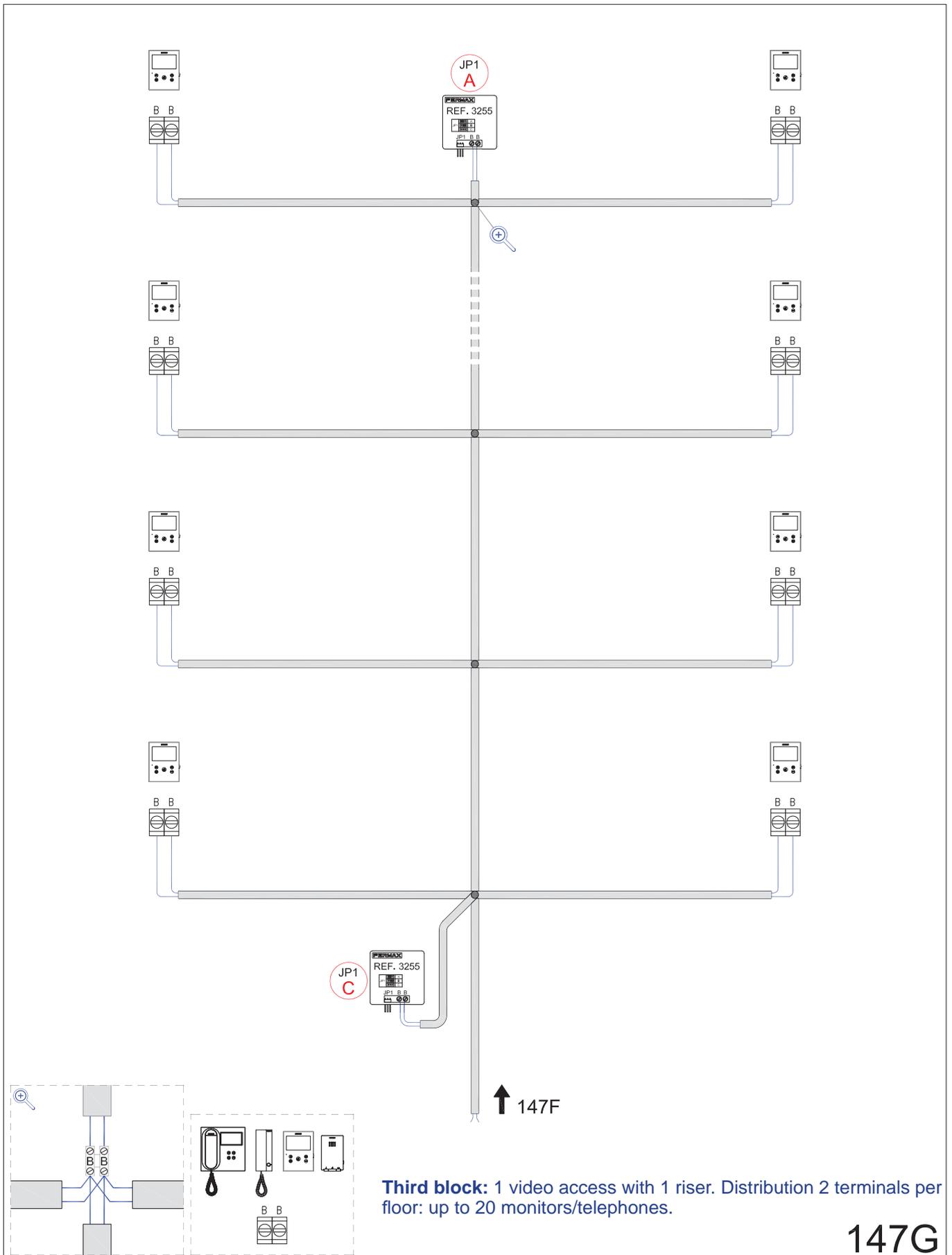
Third block: 1 video access with 1 riser. Distribution 2 terminals per floor: up to 20 monitors/telephones.

147F

General entrance with 1 audio guard unit to 3 equal internal blocks with outdoor panels.

Each block. 1 video access with 1 riser. Distribution 2 terminals per floor: up to 20 monitors/telephones.

147G - WIRING DIAGRAM. Connection detail: Floors (Terminals - Line adapters).



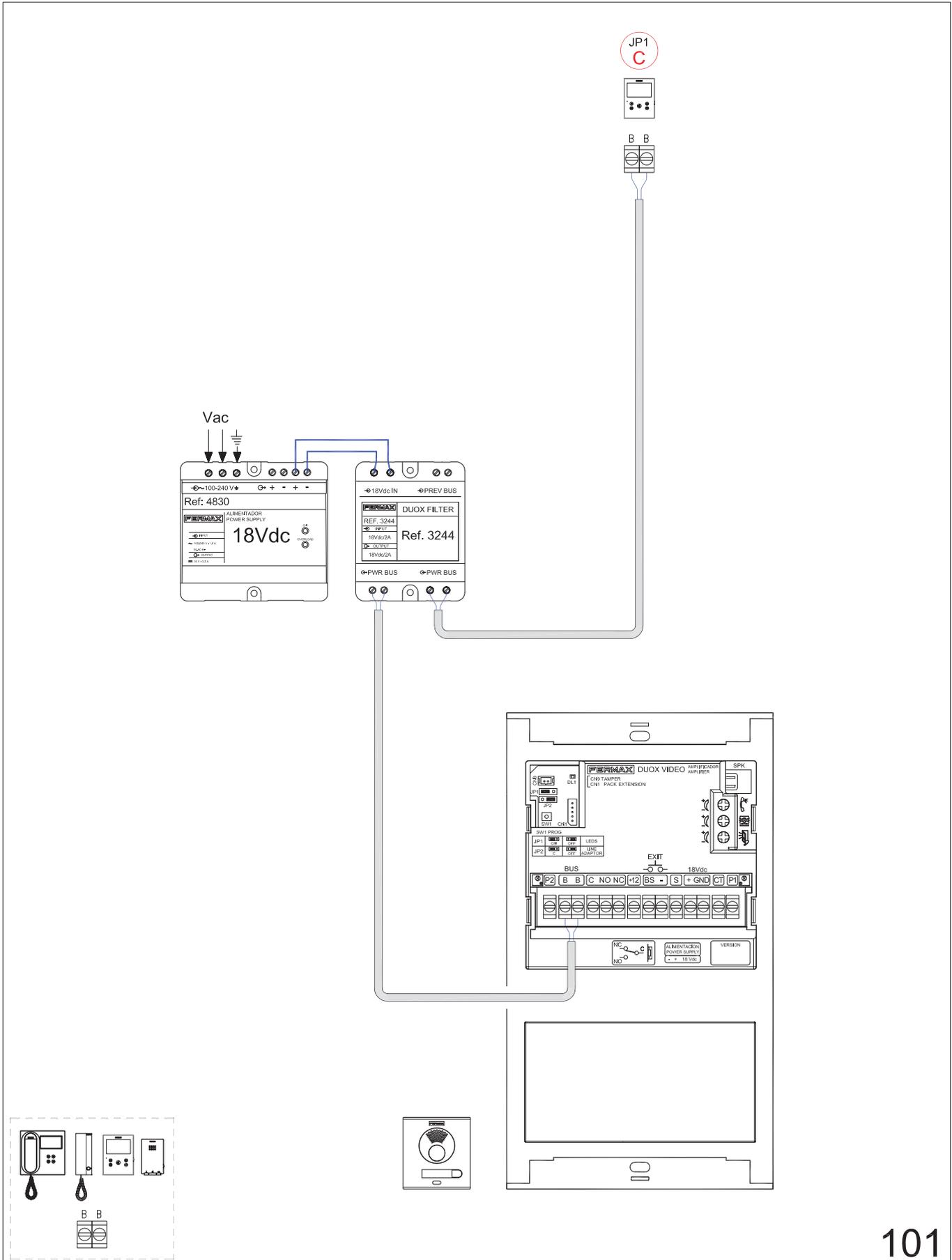
Third block: 1 video access with 1 riser. Distribution 2 terminals per floor: up to 20 monitors/telephones.

147G

2.3.6 BASIC KITS

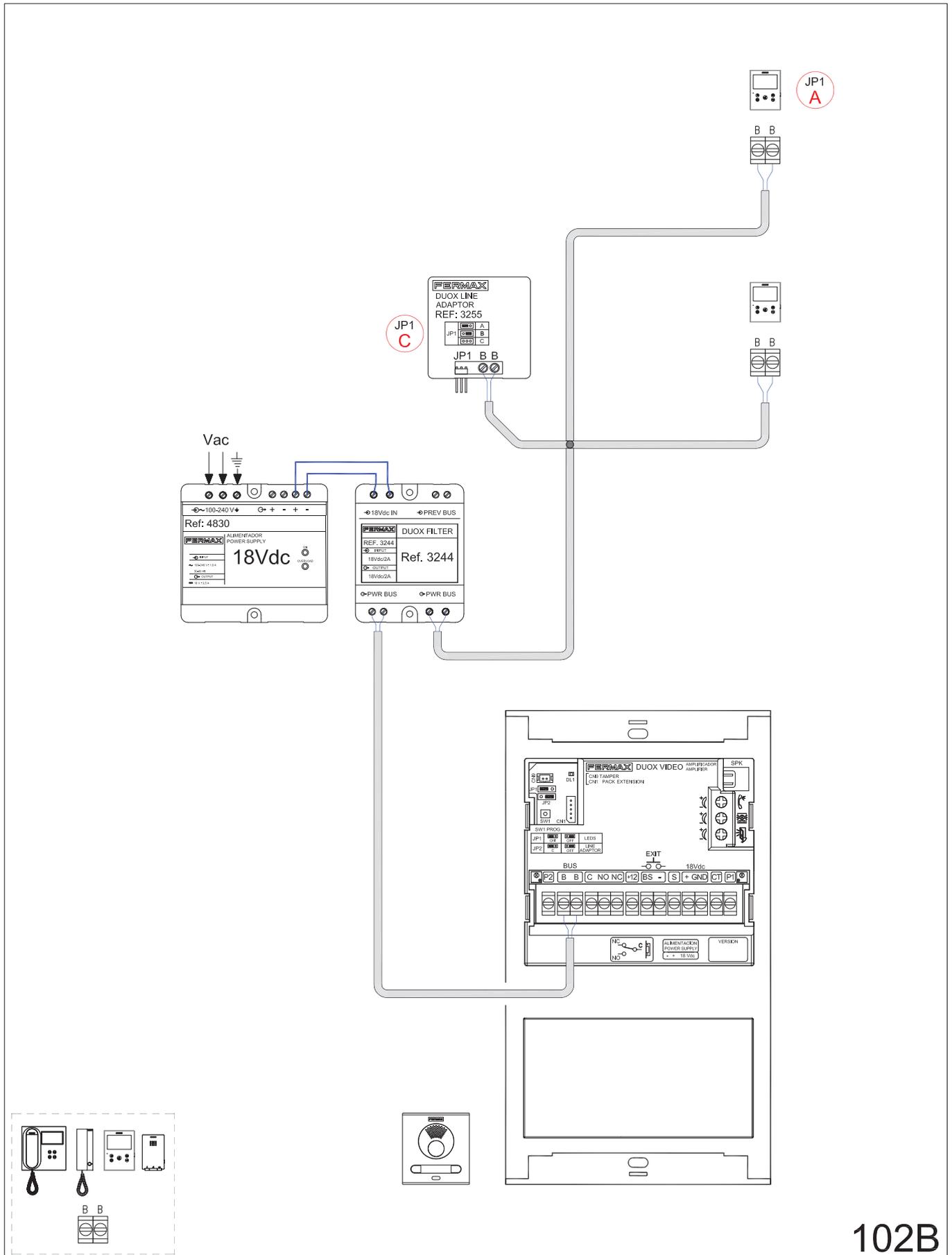
1-line kit.

101 - WIRING DIAGRAM.



2-line kit.

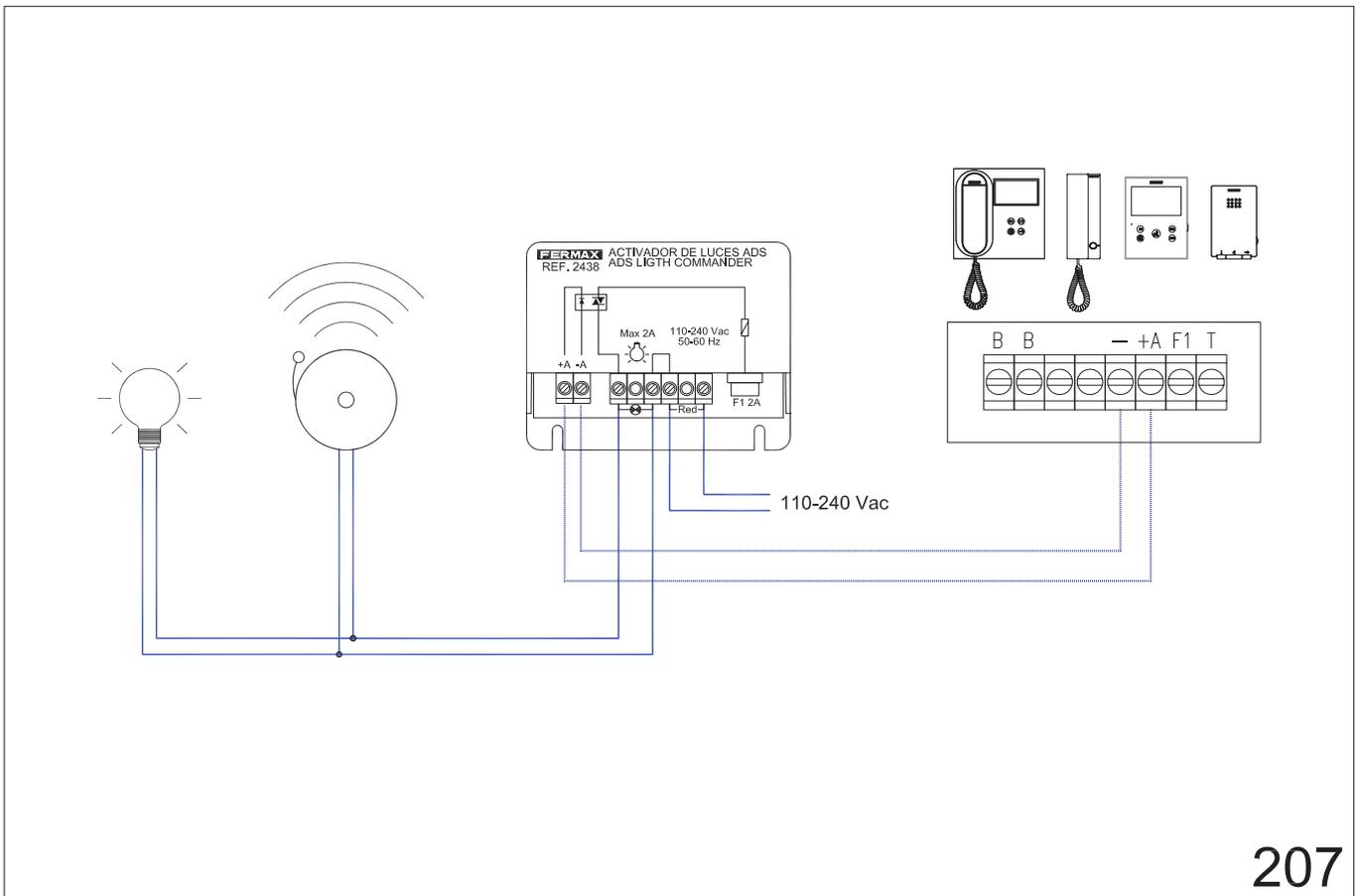
102B - WIRING DIAGRAM.



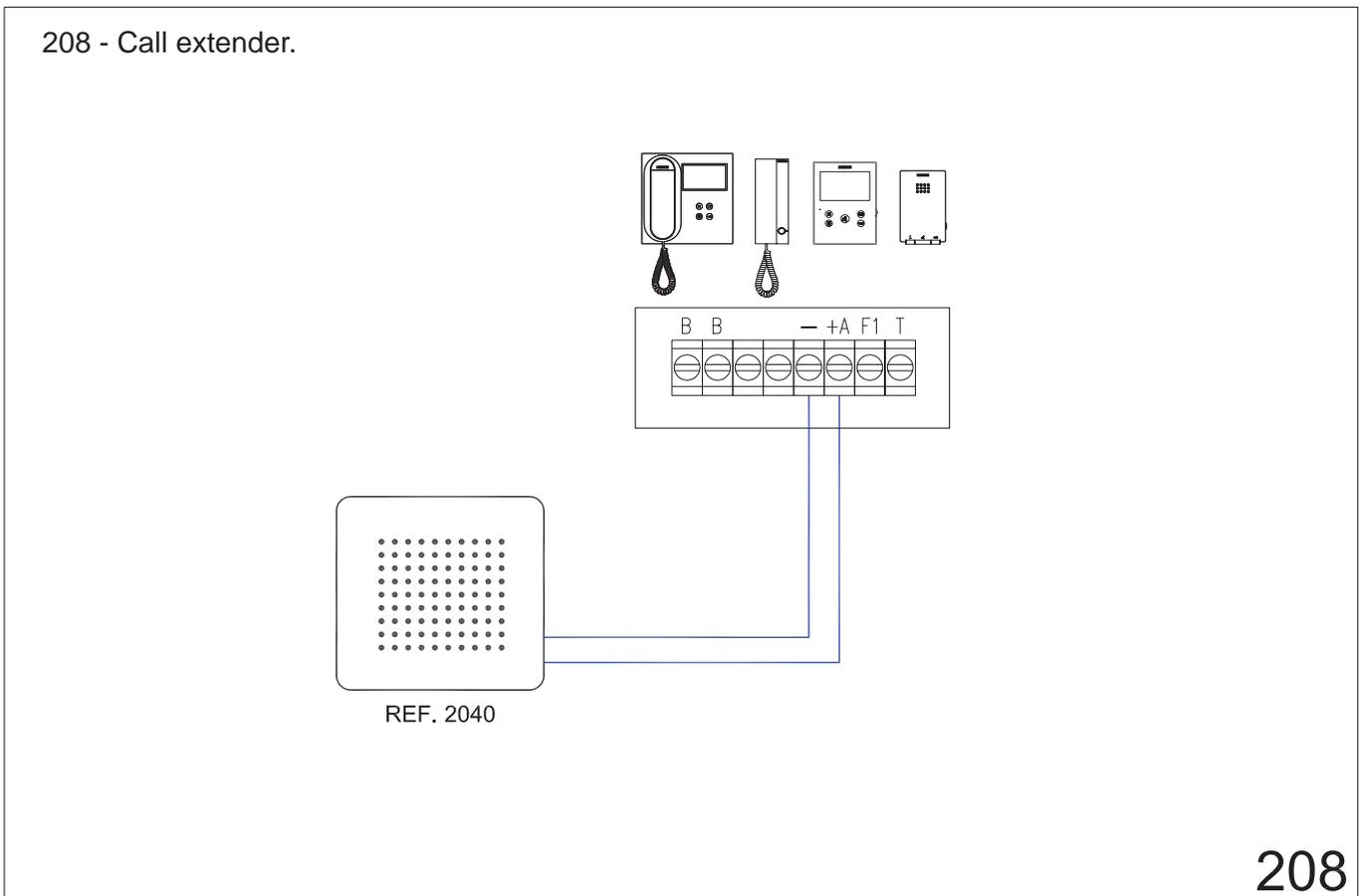
102B

2.4 EXTENSIONS AND ACCESSORIES

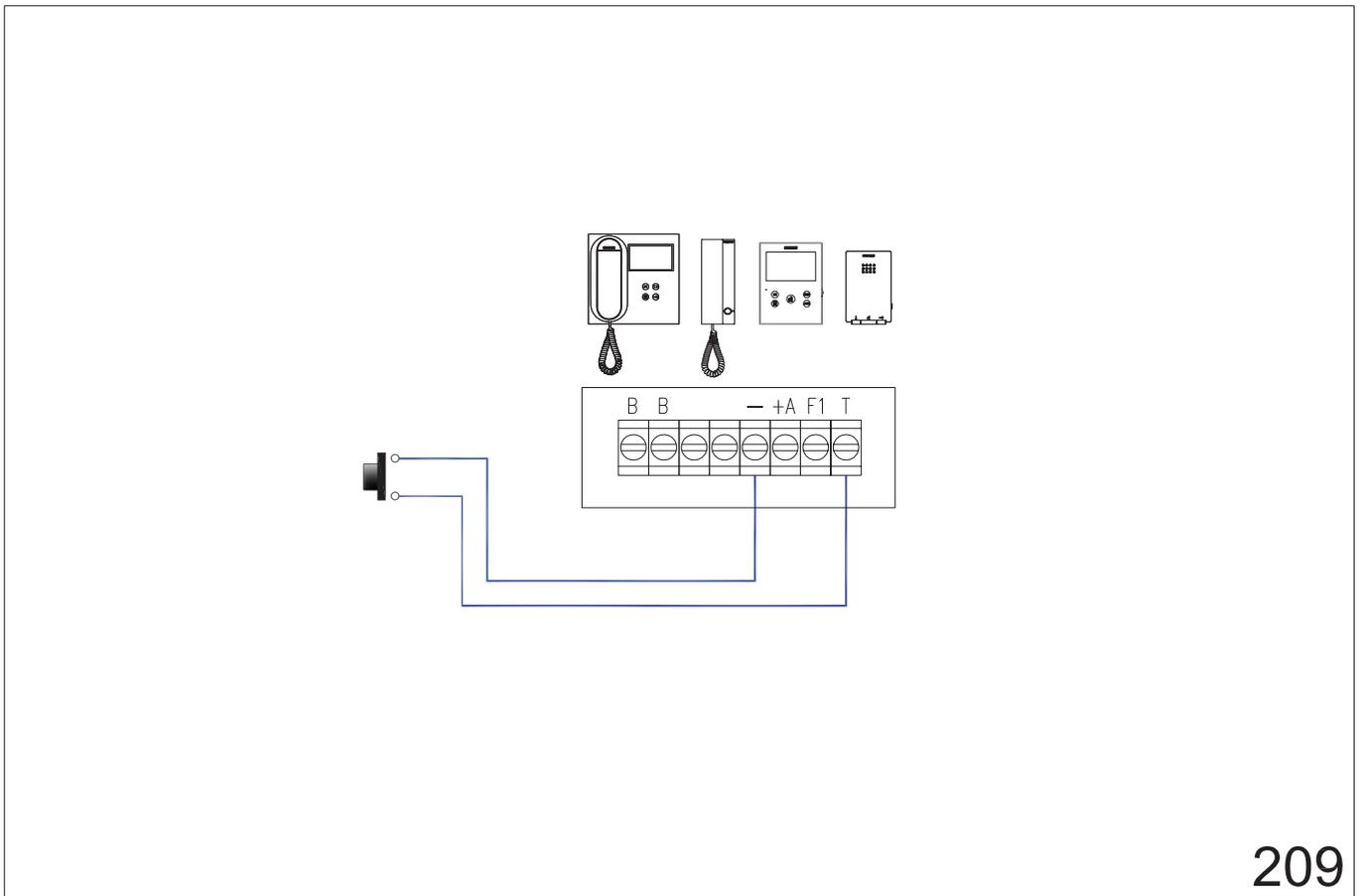
207 - Light and buzzer commander.



208 - Call extender.

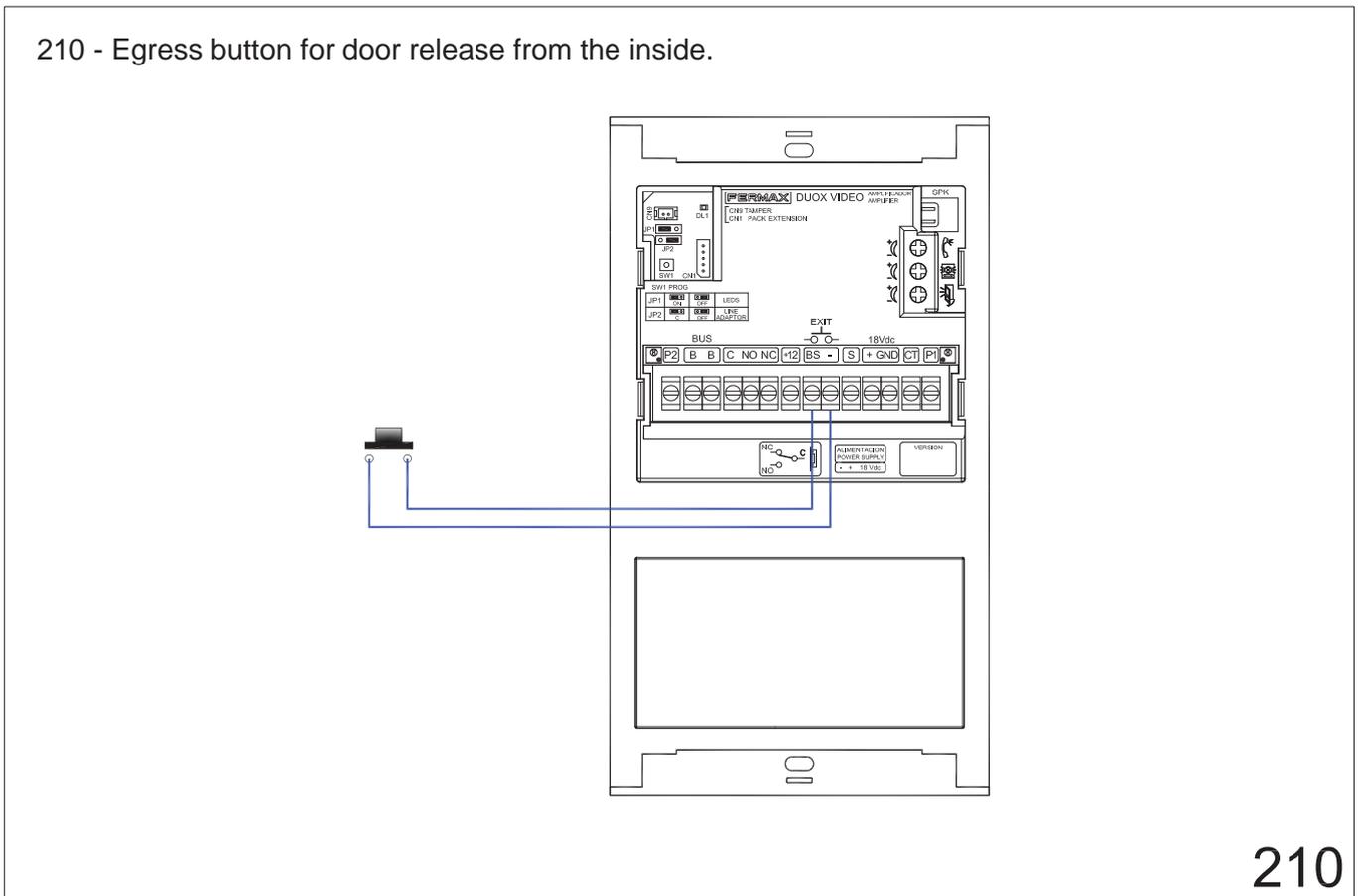


209 - Additional apartment door bell pushbutton.



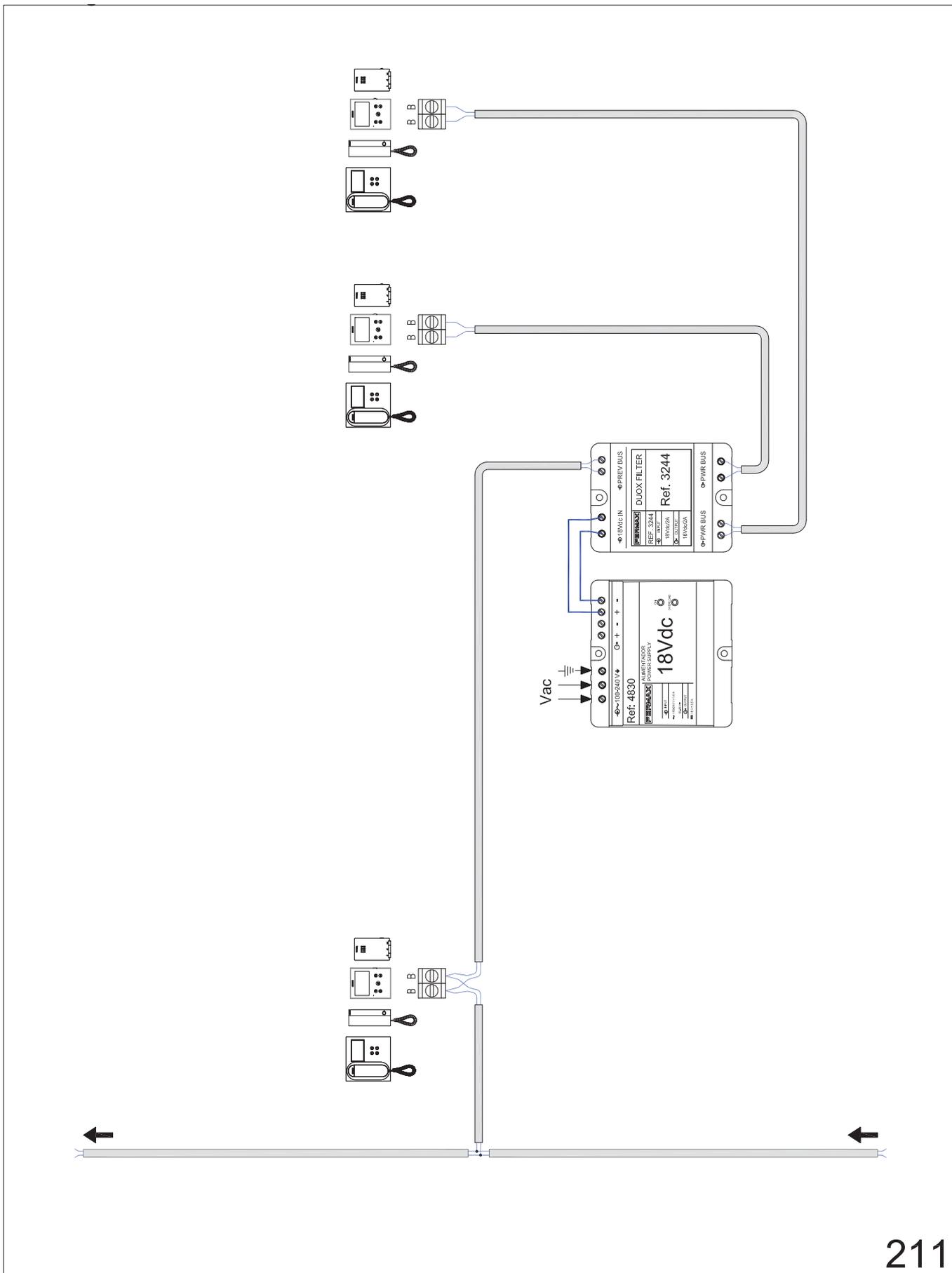
209

210 - Egress button for door release from the inside.

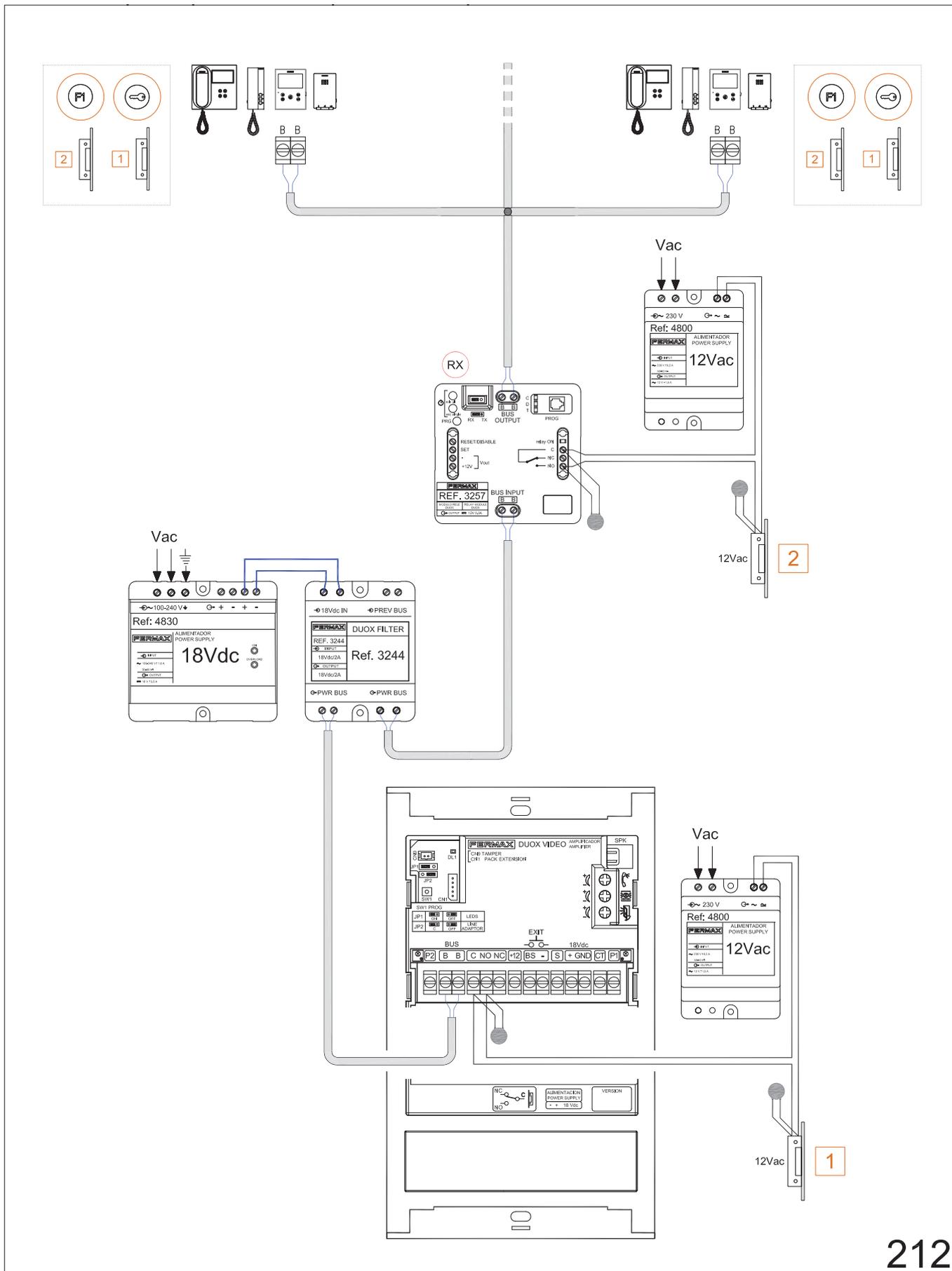


210

211 - Extension of 2 apartment terminals with power supply set.



212 - DUOX relay for the release of a 2nd door (outdoor panel with alternative lock release).





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