

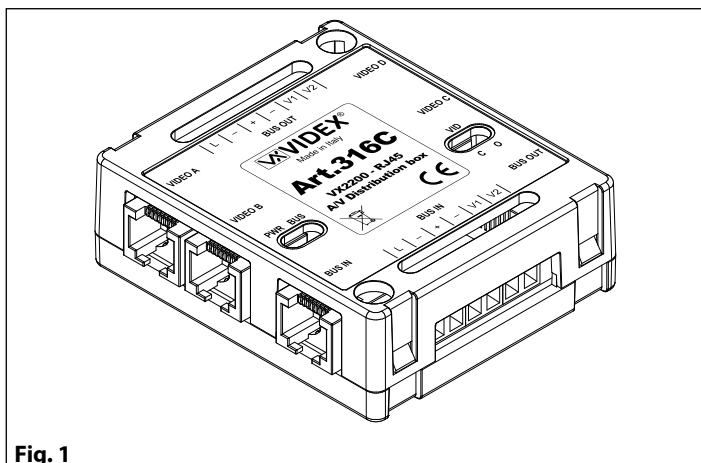
Art. 316C VX2200 - RJ-45 A/V distribution box

Fig. 1

DESCRIPTION

Due to the popularity of CAT5 cable for use on video intercom system Videx have developed the Art. 316C, a 4 way distribution box with RJ-45 connections for the VX2200 6 wire bus video system. It distributes the power (+ & -), the bus (L & -) and the video (V1 & V2) from the main bus to 4 apartment outputs with RJ-45 connector.

The distributor also include an in and an out connection to connect multiple Art. 316C devices on the same bus.

The main bus connections include both RJ-45 and terminal connections should a larger cable be required for the main bus enabling distanced of up to 400m.

KEY FEATURES

- Allows the installer to use standard CAT5 cable crimped to an RJ-45 plug
- 1 input / 1 output RJ-45 connection or standard 6 wire screw terminals
- 4 RJ-45 outputs to connect directly to 6000 Series monitors
- 1 switch to terminate the impedance of the video signal (End of Line)
- 2 fault diagnostic LED's to indicate bus and power.

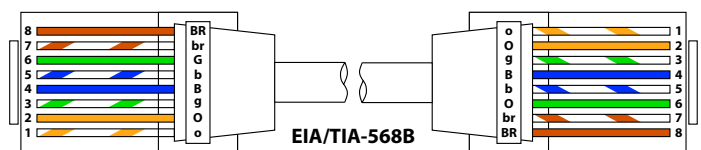
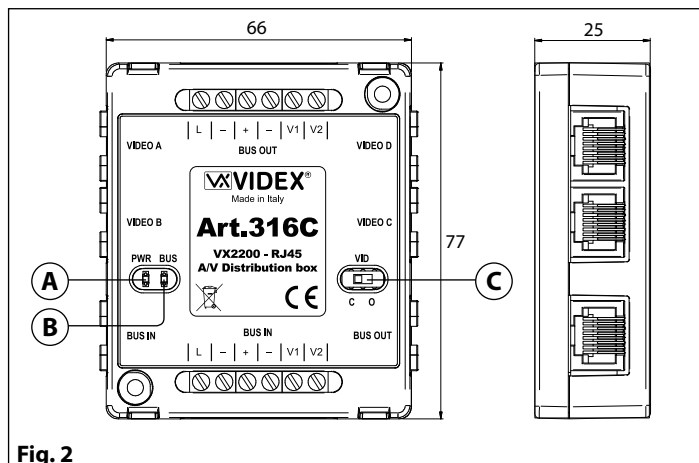
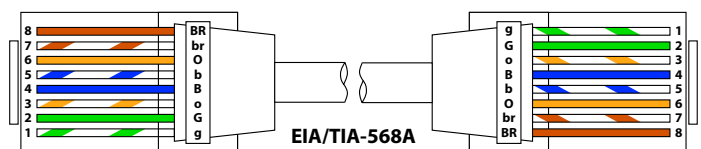
MATCHING SIGNALS OVER CAT5**EIA/TIA-568B****EIA/TIA-568A**

Fig. 2

LEGEND**(A) Power LED.**

When off this indicates there is no voltage between the terminals "+" (plus) and "-" (minus).

Check that the wires are not interrupted or that the +20Vdc power supply unit is connected to mains.

(B) BUS LED.

When off this indicates there is no bus voltage which could be the result of a short, a broken wire or if there is no master door panel or concierge connected.

(C) Video line termination switch.

End of line termination for the video. This should be set to "C" (Closed) on the end of line device only.

RJ-45 pin	VX2200 Signal
1 and 2 (white-orange / orange)	L
3 and 4 (white-green / blue)	-
5 and 6 (white-blue / green)	+
7 (white-brown)	V1
8 (brown)	V2

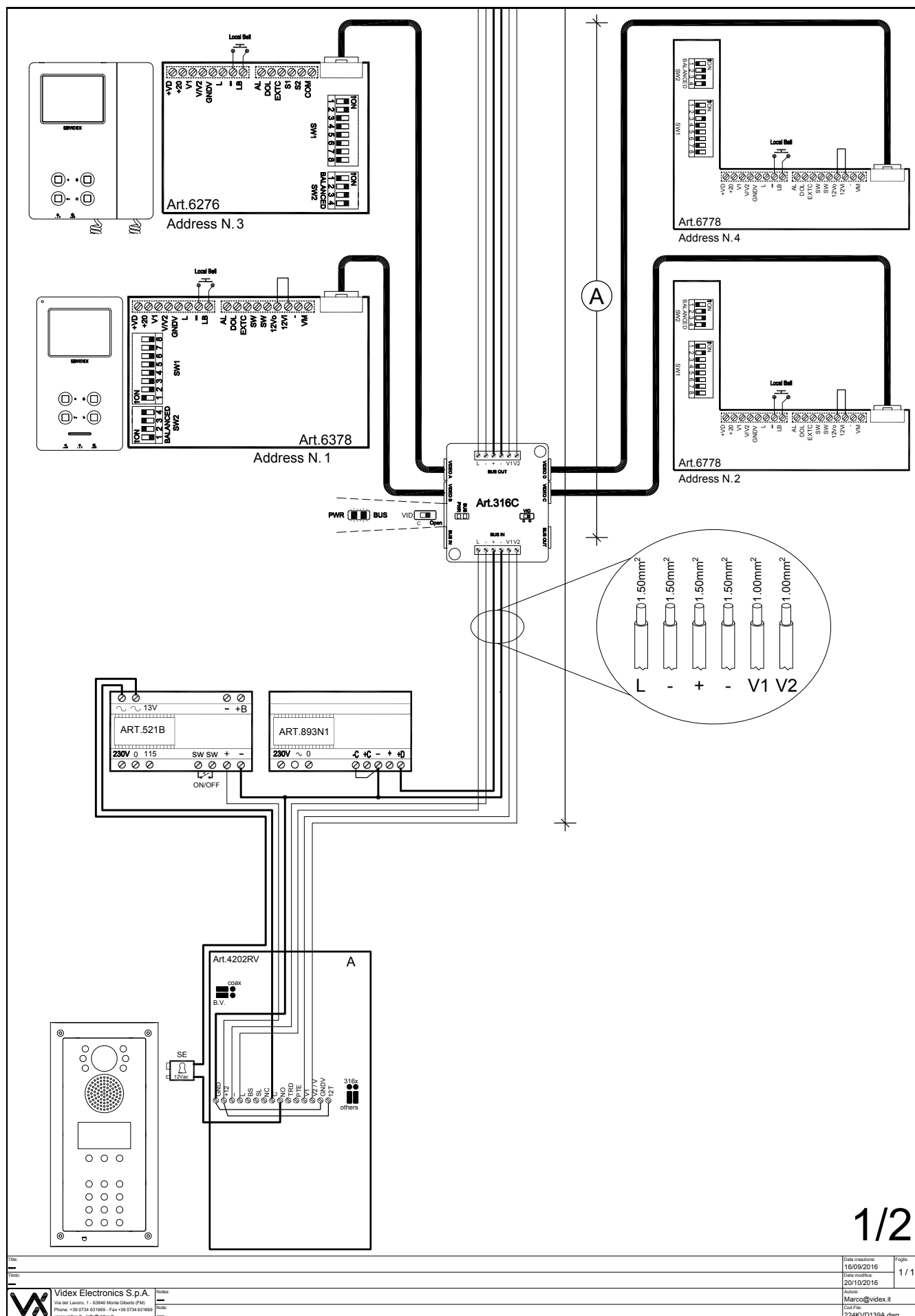
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NOTE: DO NOT USE CROSS OVER CABLES.

IMPORTANT NOTE: SOLID COPPER CABLES MUST BE USED. COPPER COATED STEEL (CCS) AND COPPER COATED ALUMINIUM (CCA) CAN NOT BE USED ON THE SYSTEM.

TECHNICAL SPECIFICATION

Housing/Mounting: ABS plastic box / surface mount
Power Supply: 20V dc
Power consumption: Stand-by: 8mA Max: 40mA
Working Temperature: -10 +50 °C



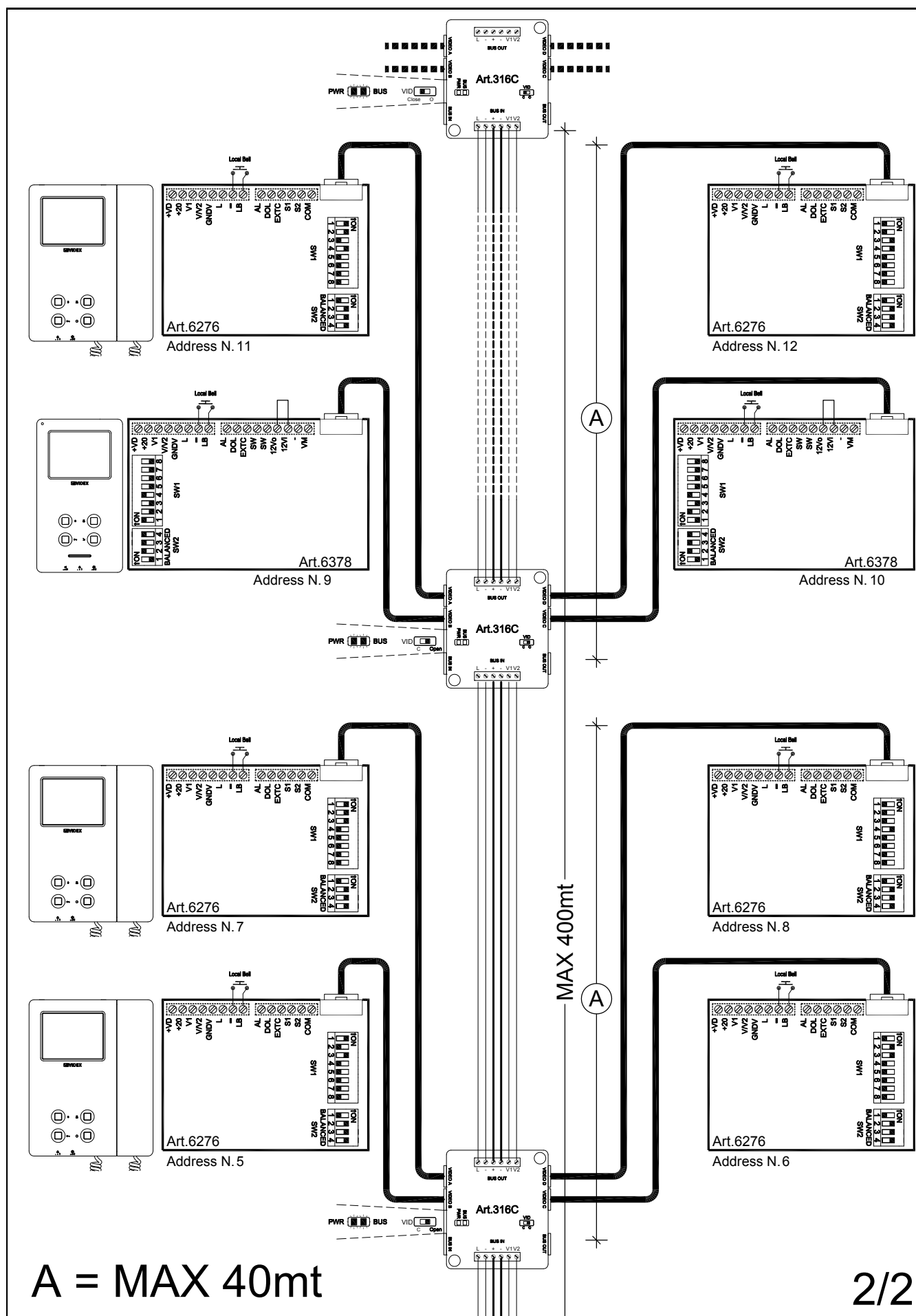
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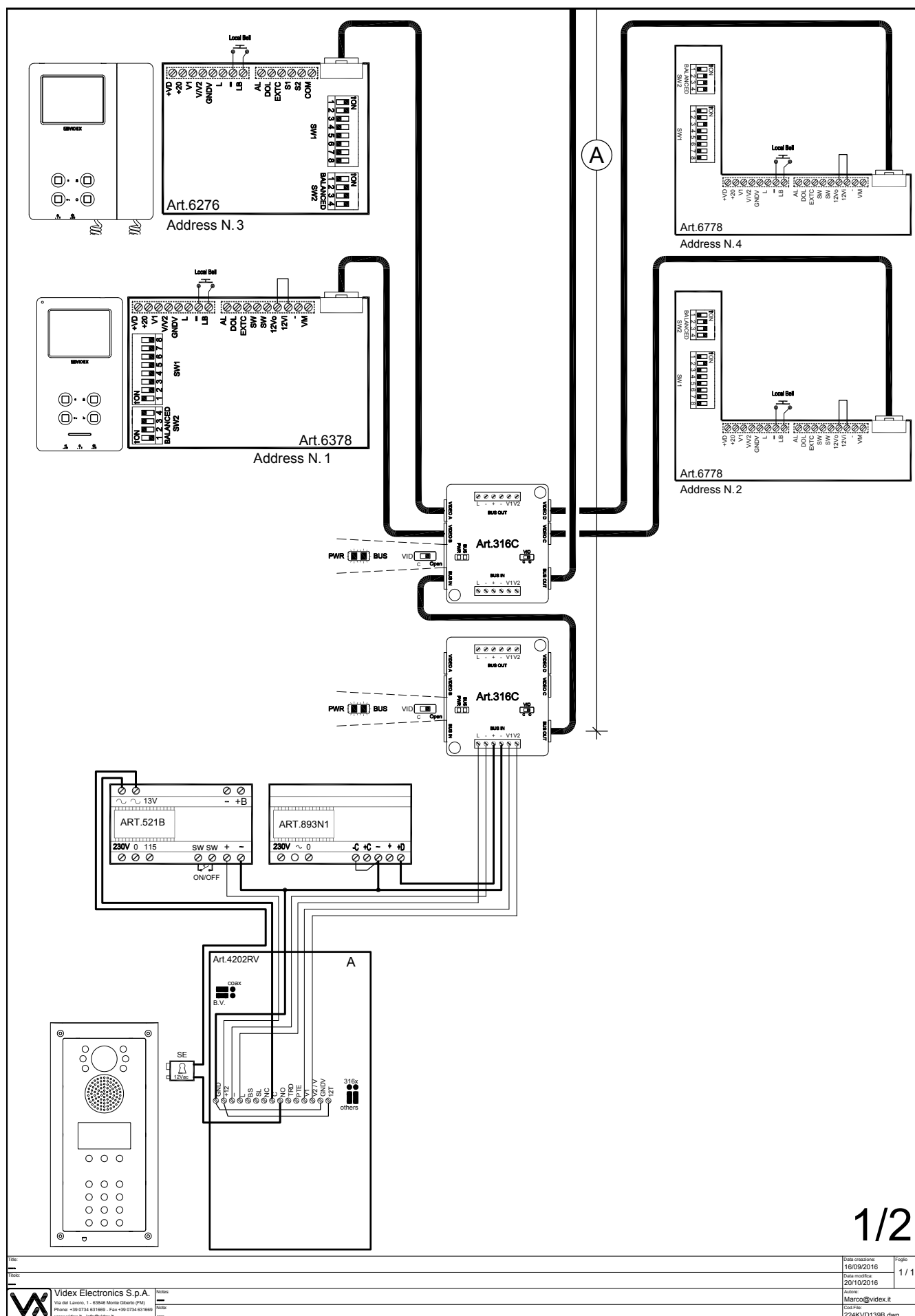


Videx Electronics S.p.A.
Via del Lavoro, 1 - 53048 Monte Giberto (PI)
Phone: +39 0774 431660 - Fax: +39 0774 431669
www.videx.it - info@videx.it

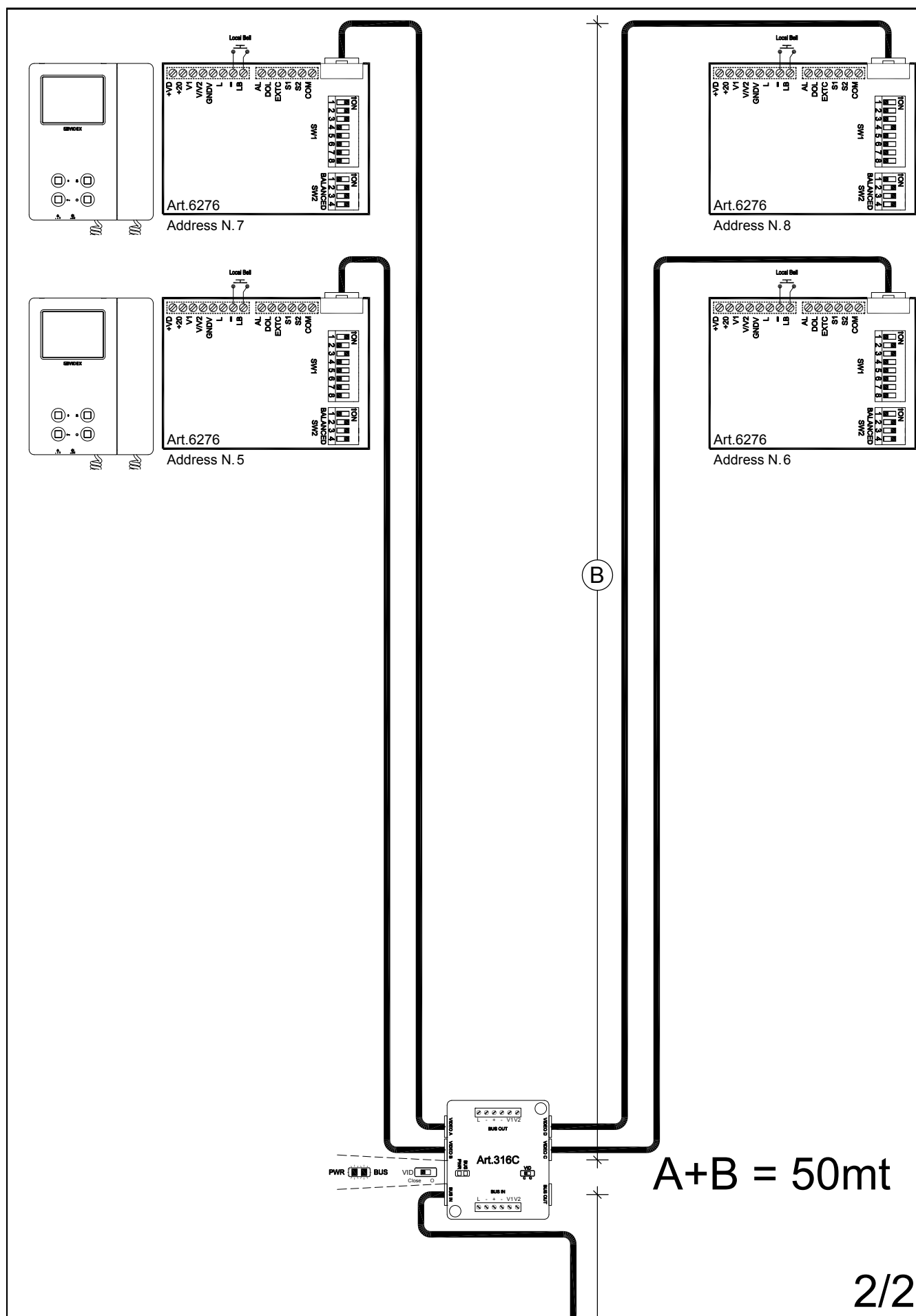
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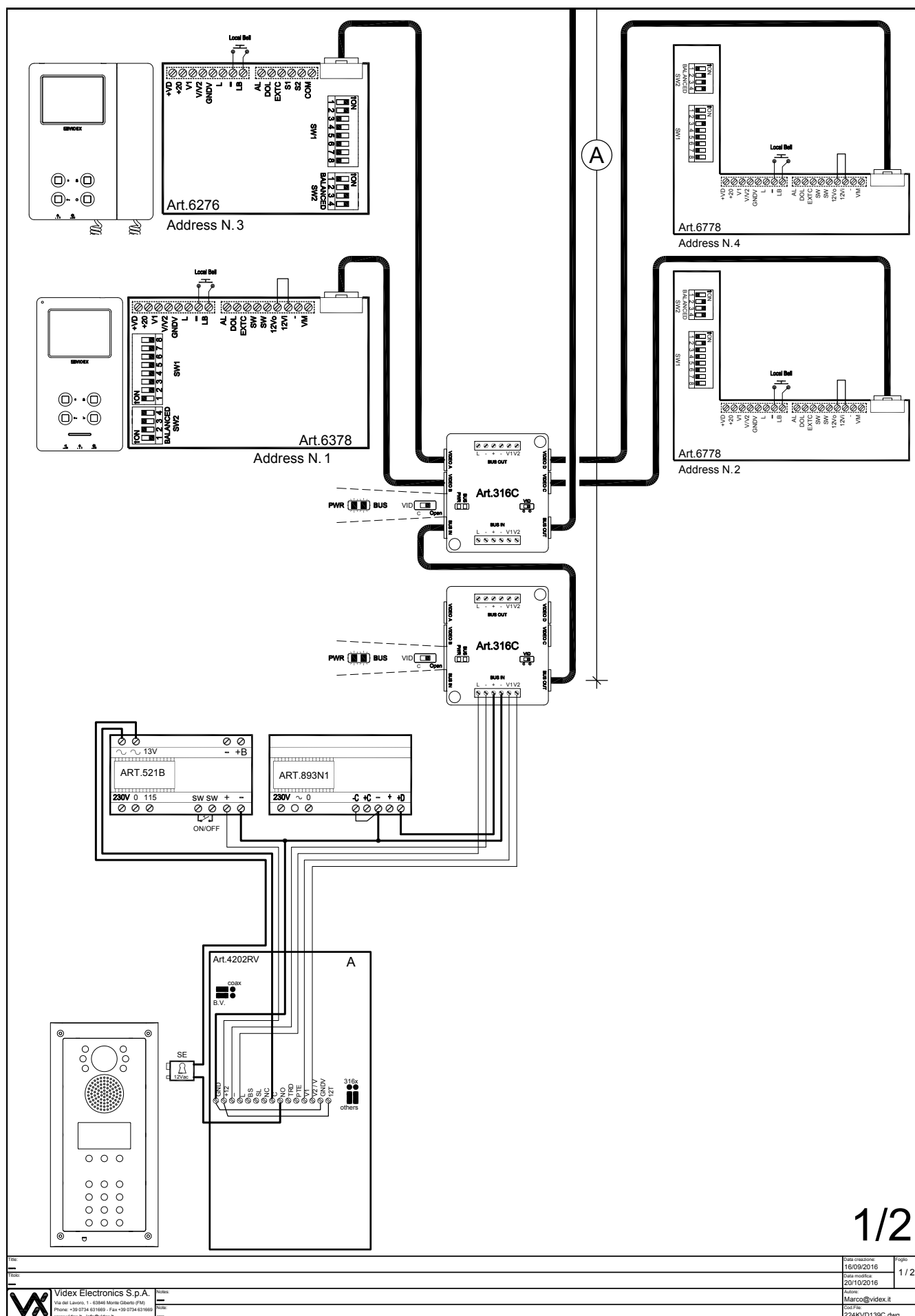
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Autore:
Marco@videx.it
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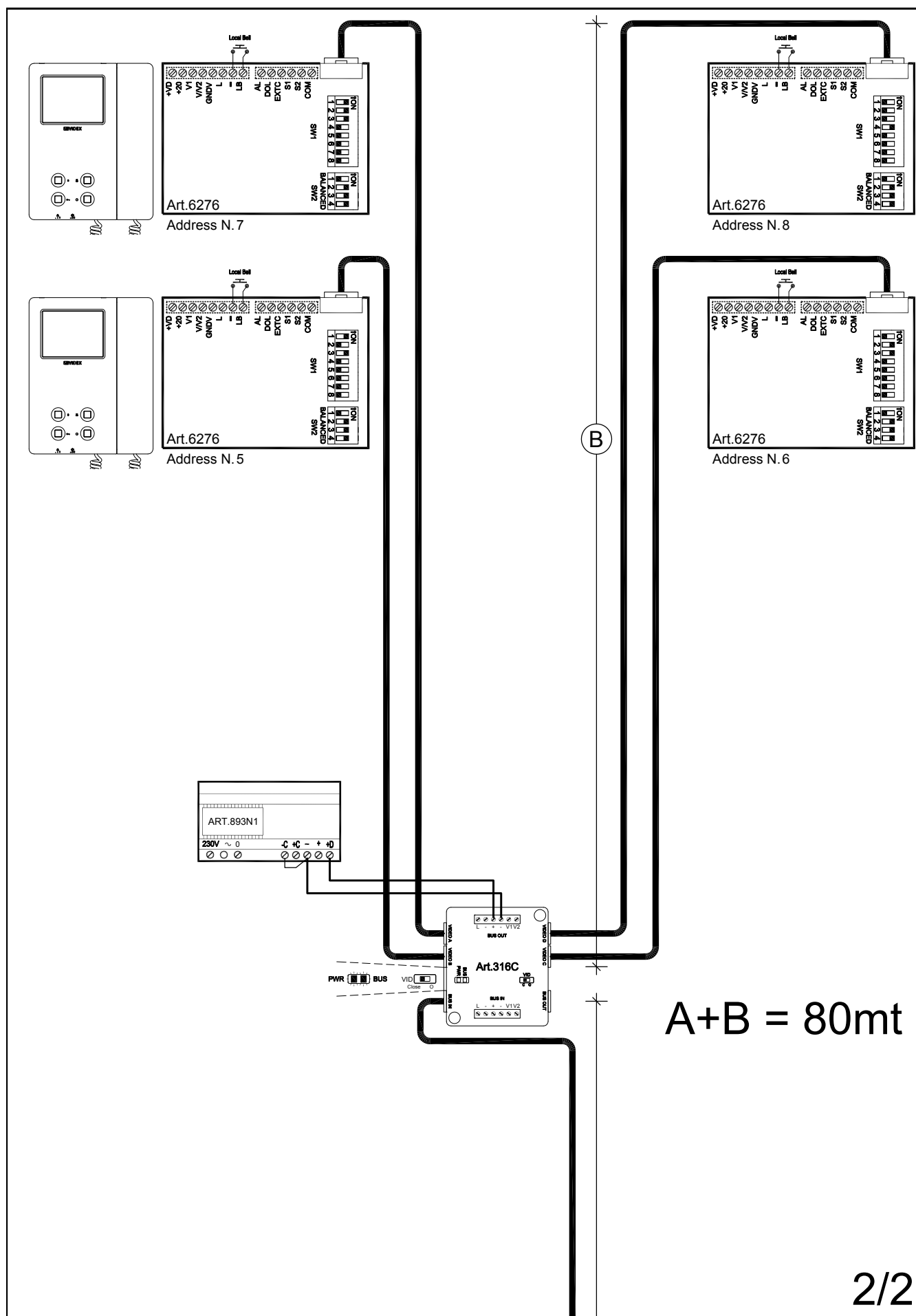
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 Videx Electronics S.p.A. Via del Lavoro, 1 - 65046 Monte Giovinetti (PG) Phone: +39 0734 631669 - Fax: +39 0734 631669 www.videx.it - info@videx.it	Data creazione: 16/09/2016 Data modifica: 20/10/2016 Autore: Marco@videx.it CostFile: Z24KVD139C.dwg	Foglio: 1/2
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MANUFACTURER

VIDEX ELECTRONICS S.P.A.

Via del Lavoro, 1 - 63846 Monte Giberto (FM) Italy
Tel (+39) 0734 631669 - Fax (+39) 0734 632475
www.videx.it - info@videx.it

CUSTOMER SUPPORT

All Countries:

VIDEX ELECTRONICS S.P.A.

www.videx.it - technical@videx.it
Tel: +39 0734-631669 - Fax: +39 0734-632475

UK Customers:

VIDEX SECURITY LTD

www.videx-security.com
Tech Line: 0191 224 3174 - Fax: 0191 224 1559

Main UK office:

VIDEX SECURITY LTD

1 Osprey Trinity Park
Trinity Way
LONDON E4 8TD
Phone: (+44) 0870 300 1240
Fax: (+44) 020 8523 5825
www.videx-security.com
marketing@videx-security.com

Northern UK office:

VIDEX SECURITY LTD

Unit 4-7
Chillingham Industrial Estate
Chapman Street
NEWCASTLE UPON TYNE - NE6 2XX
Tech Line: (+44) 0191 224 3174
Phone: (+44) 0870 300 1240
Fax: (+44) 0191 224 1559

Greece office:

VIDEX HELLAS Electronics

48 Filolaou Str.
11633 ATHENS
Phone: (+30) 210 7521028
(+30) 210 7521998
Fax: (+30) 210 7560712
www.videx.gr
videx@videx.gr

Danish office:

VIDEX DANMARK

Hammershusgade 15
DK-2100 COPENHAGEN
Phone: (+45) 39 29 80 00
Fax: (+45) 39 27 77 75
www.videx.dk
videx@videx.dk

Benelux office:

NESTOR COMPANY NV

E3 laan, 93
B-9800 Deinze
Phone: (+32) 9 380 40 20
Fax: (+32) 9 380 40 25
www.videx.be
info@videx.be

Dutch office:

NESTOR COMPANY BV

Business Center Twente (BCT)
Grotestraat, 64
NL-7622 GM Borne
www.videxintercom.nl
info@videxintercom.nl



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