

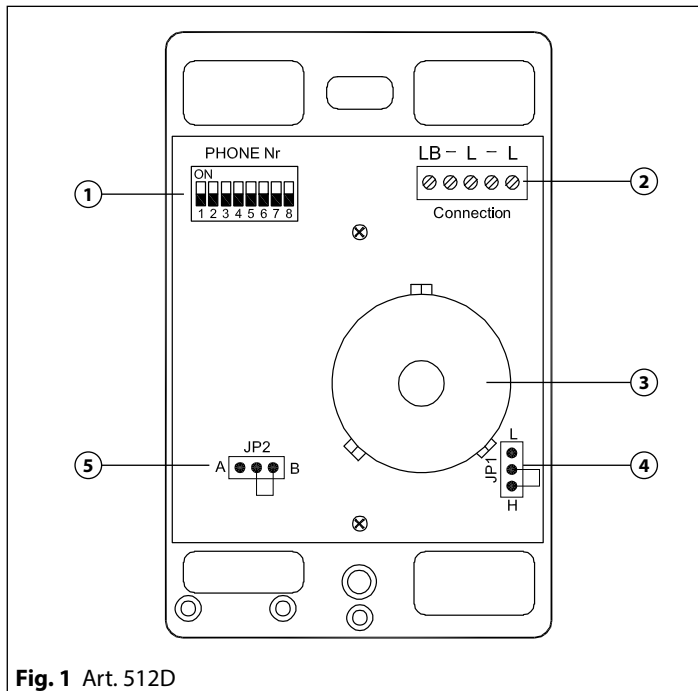
Art. 512D Extension sounder**Art. 512DR** Extension relay PCB for 3000 and 900 Series

Fig. 1 Art. 512D

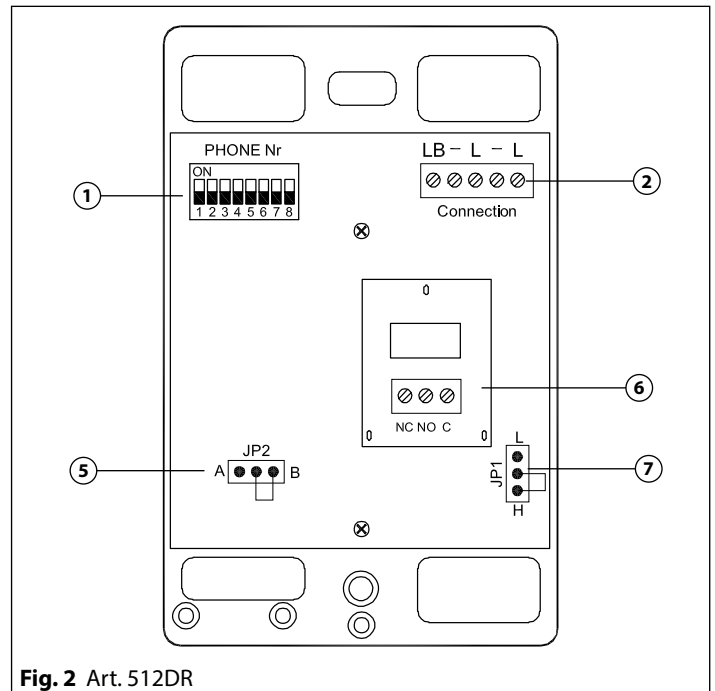


Fig. 2 Art. 512DR

DESCRIPTION

It is compatible with the **"2 wire" BUS** and has an 8 way Dip-switch to program the address number of the device. Up to 3 units can be addressed with the same number (Ex.: 1 intercom and 2 extension sounders to be operated with the same call code). The call tone is different according to the origin of the call (Main entrance call or local door bell). A two level volume control is available using jumper **JP1** (only for Art. 512D, while for Art. 512DR the JP1 is not used and stays in position **"H"**). Through the jumper **JP2** it is possible to set the number of rings (Art. 512D) or the number of relay pulses (Art. 512DR) from 1 to 6. The current consumption on the BUS line is lower than 1mA in stand-by mode. The Art. 512DR can also be used as a "service relay" for the entire BUS, activated by the alarm signal coming from 3000 Series intercoms and videointercoms.

To use this function it is necessary to give the unit the address 255. A number of varied uses can be made through this functionality starting from the general use for additional service activation to the use for management of the alarms sent by the peripherals connected to the intercoms or videointercoms, for example:

- activation of a secondary gate or stairs light when pressing the "●" videophone push button (this can also be made using the "●" intercom push button by making the proper connections);
- activation of an alarm siren when an alarm signal comes from a sensor connected to the intercom or videointercom.

LEGEND

- ① Dip-Switch bank
- ② Connection
- ③ Buzzer
- ④ Call tone volume
- ⑤ Rings or Relay pulses number setting
- ⑥ Relay PCB
- ⑦ Not in use (always "H" position)

Art. 512D Extension sounder**Art. 512DR** Extension relay PCB for 3000 and 900 Series**OPERATION****IN STAND-BY MODE**

The unit is ready to accept the calls;

CALL FROM OUTSIDE:

- The Art. 512D unit will ring according to the programming (from 1 to 6 times), except if the intercom handset is picked up if present.
- The Art. 512DR unit will operate the relay from 1 to 6 times 2 secs on, 2 secs off, according to the programming, except if the intercom handset is picked up.

LOCAL CALL:

- The Art. 512D unit will ring the number of times the local bell is pressed.
- The Art. 512DR unit activate the relay each time the local bell is pressed and as long as the local bell remains pressed.

IN CASE OF AN ALARM (ONLY FOR ART. 512DR ADDR.255 ON 3000 SERIES SYSTEMS)

The unit Art. 512DR will activate the relay for 1 second (apart from JP2 jumper settings) to start the relevant service.

PROGRAMMING

The address of the unit must be programmed by means of the internal 8 way Dip-switch (see conversion table decimal/binary on page 4) and must be the same as the phone or videophone connected in the same apartment. To use as a service relay activated by the alarm signals sent on the bus, set the address to 255.

The jumper **JP1** is used to set the volume of the call tone: position **"H"** = **high**, position **"L"** = **low** (only for Art. 512D, in the Art. 512DR unit the **JP1** must stay in position **"H"**).

The jumper **JP2** enables the configuration of the number of rings or relay pulses: position **"A"** = **1 ring/pulse**, position **"B"** = **6 rings/pulses**.

In order to synchronize the local apartment call with the phone, connect the **"LB"** terminal with the **"LB"** phone terminal.

TECHNICAL SPECIFICATION

| | |
|-------------------------------------|--------------------------------------|
| Addressing range: | from 1 to 150 (180 with 3000 Series) |
| Working voltage: | BUS line Voltage |
| Stand-by absorption: | less than about 0.9mA |
| Call absorption: | about 15mA |
| Relay contacts (Art. 512DR): | 0.2A 24Vdc |
| Working Temperature: | -10 +50°C |

MANUFACTURER**VIDEX ELECTRONICS S.P.A.**

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www.videx.it - info@videx.it

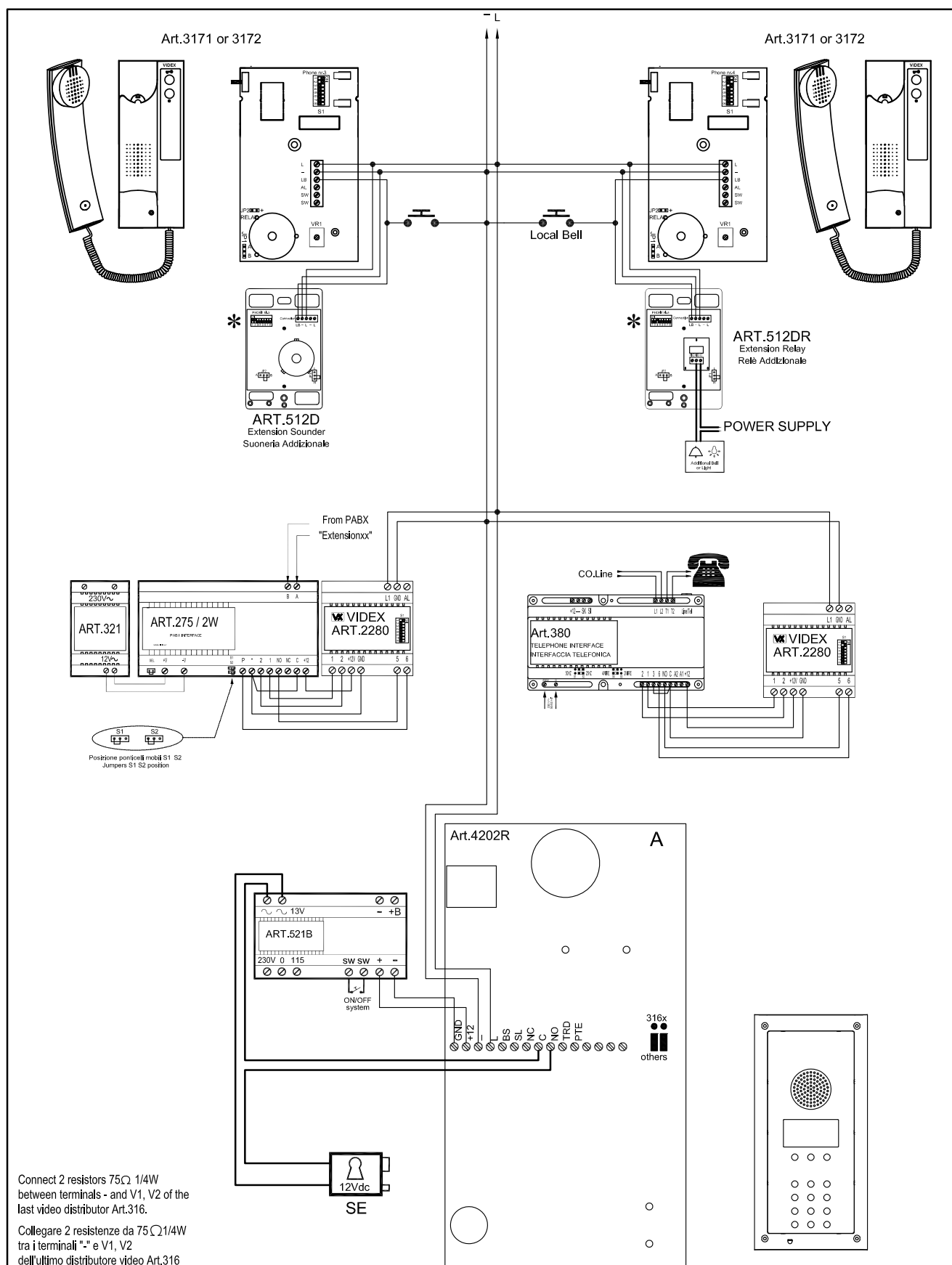

 made in
ITALY
CUSTOMER SUPPORT

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




The product is CE marked demonstrating its conformity and is for distribution within all member states of the EU with no restrictions. This product follows the provisions of the European Directives 2014/30/EU (EMC); 2014/35/EU (LVD); 2011/65/EU (RoHS); CE marking 93/68/EEC.





Connect 2 resistors 75Ω 1/4W
between terminals - and V1, V2 of the
last video distributor Art.316.


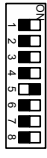







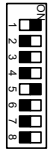
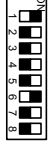



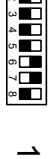



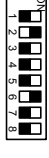



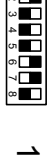
























































































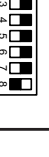







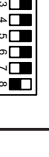






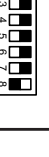
Collegare 2 resistenze da $75\Omega_{1/4W}$
tra i terminali "-" e V1, V2
dell'ultimo distributore video Art.316

| | | | |
|--|--|--|--------|
| Title: | | Date creation: | Foglio |
| | | 20/05/2009 | 1 / 1 |
| Title: | | Date modifica: | |
| | | 20/05/2009 | |
|  Videx Electronics S.p.A. Via del Lavoro 1, 63020 Monte Giberto (AP) Phone: +39 0734 631669 - Fax +39 0734 631669 www.videx.it - info@videx.it | | Author: Marco Rongoni Cod File: 224kaj002b.dwg | |

Addresses 1..127 Table for dip-switch banks with ON position up

1/2

 = OFF
 = ON






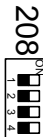

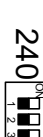




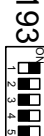

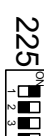
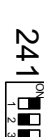







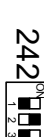



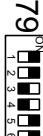

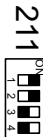

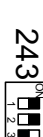




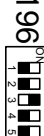

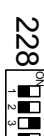
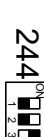




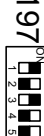

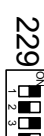
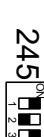







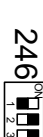




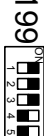


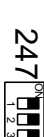




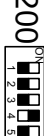
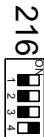

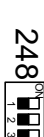




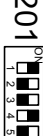

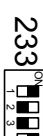
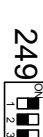




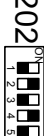
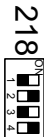

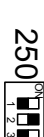




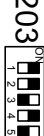


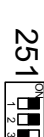




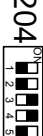
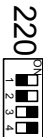
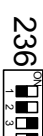
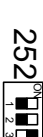







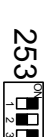






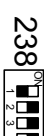





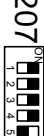
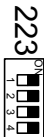

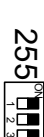
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|----|---|----|---|----|---|----|--|----|---|----|---|-----|---|-----|---|
| 1 |  | 16 |  | 32 |  | 48 |  | 64 |  | 80 |  | 96 |  | 112 |  |
| 2 |  | 17 |  | 33 |  | 49 |  | 65 |  | 81 |  | 97 |  | 113 |  |
| 3 |  | 18 |  | 34 |  | 50 |  | 66 |  | 82 |  | 98 |  | 114 |  |
| 4 |  | 19 |  | 35 |  | 51 |  | 67 |  | 83 |  | 99 |  | 115 |  |
| 5 |  | 20 |  | 36 |  | 52 |  | 68 |  | 84 |  | 100 |  | 116 |  |
| 6 |  | 21 |  | 37 |  | 53 |  | 69 |  | 85 |  | 101 |  | 117 |  |
| 7 |  | 22 |  | 38 |  | 54 |  | 70 |  | 86 |  | 102 |  | 118 |  |
| 8 |  | 23 |  | 39 |  | 55 |  | 71 |  | 87 |  | 103 |  | 119 |  |
| 9 |  | 24 |  | 40 |  | 56 |  | 72 |  | 88 |  | 104 |  | 120 |  |
| 10 |  | 25 |  | 41 |  | 57 |  | 73 |  | 89 |  | 105 |  | 121 |  |
| 11 |  | 26 |  | 42 |  | 58 |  | 74 |  | 90 |  | 106 |  | 122 |  |
| 12 |  | 27 |  | 43 |  | 59 |  | 75 |  | 91 |  | 107 |  | 123 |  |
| 13 |  | 28 |  | 44 |  | 60 |  | 76 |  | 92 |  | 108 |  | 124 |  |
| 14 |  | 29 |  | 45 |  | 61 |  | 77 |  | 93 |  | 109 |  | 125 |  |
| 15 |  | 30 |  | 46 |  | 62 |  | 78 |  | 94 |  | 110 |  | 126 |  |
| | | 31 |  | 47 |  | 63 |  | 79 |  | 95 |  | 111 |  | 127 |  |

Addresses 128..255 Table for dip-switch banks with ON position up

2/2

 = OFF

 = ON

| | | | | | | | |
|---|---|---|--|---|---|---|---|
| 128  | 144  | 160  | 176  | 192  | 208  | 224  | 240  |
| 129  | 145  | 161  | 177  | 193  | 209  | 225  | 241  |
| 130  | 146  | 162  | 178  | 194  | 210  | 226  | 242  |
| 131  | 147  | 163  | 179  | 195  | 211  | 227  | 243  |
| 132  | 148  | 164  | 180  | 196  | 212  | 228  | 244  |
| 133  | 149  | 165  | 181  | 197  | 213  | 229  | 245  |
| 134  | 150  | 166  | 182  | 198  | 214  | 230  | 246  |
| 135  | 151  | 167  | 183  | 199  | 215  | 231  | 247  |
| 136  | 152  | 168  | 184  | 200  | 216  | 232  | 248  |
| 137  | 153  | 169  | 185  | 201  | 217  | 233  | 249  |
| 138  | 154  | 170  | 186  | 202  | 218  | 234  | 250  |
| 139  | 155  | 171  | 187  | 203  | 219  | 235  | 251  |
| 140  | 156  | 172  | 188  | 204  | 220  | 236  | 252  |
| 141  | 157  | 173  | 189  | 205  | 221  | 237  | 253  |
| 142  | 158  | 174  | 190  | 206  | 222  | 238  | 254  |
| 143  | 159  | 175  | 191  | 207  | 223  | 239  | 255  |