



# LEONARDO

## Divisione Elicotteri

### ANAGNI –FR–

# - RETROFITTING PRESSA INNSE 1 -

## SCHEMA ELETTRICO FUNZIONALE

|                                                                                                                                                                                                                                 |   |   |                                                 |   |   |   |   |   |    |    |                 |             |                 |           |      |            |    |    |    |    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|-------------------------------------------------|---|---|---|---|---|----|----|-----------------|-------------|-----------------|-----------|------|------------|----|----|----|----|
| 1                                                                                                                                                                                                                               | 2 | 3 | 4                                               | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12              | 13          | 14              | 15        | 16   | 17         | 18 | 19 | 20 | 21 |
|  <b>SEA</b><br>INDUSTRIALE<br>Sede operativa<br>Via G. Luraghi<br>Pomigliano d'Arco (No)<br>Tel. 081 317 71 94<br>e-mail: info@seaindustriale.it |   |   | CLIENTE : <u>LEONARDO Divisione Elicotteri</u>  |   |   |   |   |   |    |    | Commessa:       | Data:       | Revisione:      | Foglio N° |      | Disegno N° |    |    |    |    |
|                                                                                                                                                                                                                                 |   |   | Descrizione: <u>RETROFITTING PRESSA INNSE-1</u> |   |   |   |   |   |    |    | S1000153        | 04/05/2018  | 00              |           |      |            |    |    |    |    |
|                                                                                                                                                                                                                                 |   |   | <u>DESCRIZIONE</u>                              |   |   |   |   |   |    |    | Disegnatore:    | File Name:  | Data revisione: | PRC.      | SGC. |            |    |    |    |    |
|                                                                                                                                                                                                                                 |   |   |                                                 |   |   |   |   |   |    |    | SEA INDUSTRIALE | S1000153_00 | 04/05/2018      | /         | 2    |            |    |    |    |    |

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| LISTA FOGLI \ INDEX |                              |                      |   |   |   |   |   |   |   |   |                 |                            |                      |   |   |   |   |   |   |   |   |   |   |  |
|---------------------|------------------------------|----------------------|---|---|---|---|---|---|---|---|-----------------|----------------------------|----------------------|---|---|---|---|---|---|---|---|---|---|--|
| Foglio<br>Sheet     | Descrizione<br>Description   | Revisione \ Revision |   |   |   |   |   |   |   |   | Foglio<br>Sheet | Descrizione<br>Description | Revisione \ Revision |   |   |   |   |   |   |   |   |   |   |  |
|                     |                              | 0                    | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |                 |                            | 9                    | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |  |
| 1                   | DESCRIZIONE                  |                      |   |   |   |   |   |   |   |   | 35              | REGOLAZIONE PRESSIONE      |                      |   |   |   |   |   |   |   |   |   |   |  |
| 2                   | LISTA DISEGNI                |                      |   |   |   |   |   |   |   |   | 36              | INGRESSI DIGITALI          |                      |   |   |   |   |   |   |   |   |   |   |  |
| 3                   | ENTRATA LINEA                |                      |   |   |   |   |   |   |   |   | 37              | INGRESSI DIGITALI          |                      |   |   |   |   |   |   |   |   |   |   |  |
| 5                   | MOTORI                       |                      |   |   |   |   |   |   |   |   | 38              | INGRESSI DIGITALI          |                      |   |   |   |   |   |   |   |   |   |   |  |
| 6                   | MOTORI                       |                      |   |   |   |   |   |   |   |   | 39              | INGRESSI DIGITALI          |                      |   |   |   |   |   |   |   |   |   |   |  |
| 7                   | MOTORI                       |                      |   |   |   |   |   |   |   |   | 40              | INGRESSI DIGITALI          |                      |   |   |   |   |   |   |   |   |   |   |  |
| 8                   | MOTORI                       |                      |   |   |   |   |   |   |   |   | 41              | INGRESSI DIGITALI          |                      |   |   |   |   |   |   |   |   |   |   |  |
| 9                   | MOTORI                       |                      |   |   |   |   |   |   |   |   | 42              | INGRESSI DIGITALI          |                      |   |   |   |   |   |   |   |   |   |   |  |
| 12                  | ALIMENTAZIONI                |                      |   |   |   |   |   |   |   |   | 43              | INGRESSI DIGITALI          |                      |   |   |   |   |   |   |   |   |   |   |  |
| 13                  | ALIMENTAZIONI                |                      |   |   |   |   |   |   |   |   | 44              | INGRESSI DIGITALI          |                      |   |   |   |   |   |   |   |   |   |   |  |
| 15                  | DISTRIBUZIONI                |                      |   |   |   |   |   |   |   |   | 45              | INGRESSI DIGITALI          |                      |   |   |   |   |   |   |   |   |   |   |  |
| 16                  | RELE CONTROLLO TENSIONE      |                      |   |   |   |   |   |   |   |   | 46              | INGRESSI DIGITALI          |                      |   |   |   |   |   |   |   |   |   |   |  |
| 18                  | SERVIZI                      |                      |   |   |   |   |   |   |   |   | 47              | INGRESSI DIGITALI          |                      |   |   |   |   |   |   |   |   |   |   |  |
| 21                  | AUSILIARI                    |                      |   |   |   |   |   |   |   |   | 60              | OUTPUT DIGITALI            |                      |   |   |   |   |   |   |   |   |   |   |  |
| 22                  | INSERZIONE STELLA TRIANGOLO  |                      |   |   |   |   |   |   |   |   | 61              | OUTPUT DIGITALI            |                      |   |   |   |   |   |   |   |   |   |   |  |
| 23                  | RELE AUSILIARI               |                      |   |   |   |   |   |   |   |   | 62              | OUTPUT DIGITALI            |                      |   |   |   |   |   |   |   |   |   |   |  |
| 24                  | PANNELLI OPERATIVI           |                      |   |   |   |   |   |   |   |   | 63              | OUTPUT DIGITALI            |                      |   |   |   |   |   |   |   |   |   |   |  |
| 27                  | CONFIGURAZIONE PLC           |                      |   |   |   |   |   |   |   |   | 64              | OUTPUT DIGITALI            |                      |   |   |   |   |   |   |   |   |   |   |  |
| 28                  | CONFIGURAZIONE PROFINET      |                      |   |   |   |   |   |   |   |   | 65              | OUTPUT DIGITALI            |                      |   |   |   |   |   |   |   |   |   |   |  |
| 30                  | SCHEDA TM POSINPUT2 - POS. 1 |                      |   |   |   |   |   |   |   |   | 66              | OUTPUT DIGITALI            |                      |   |   |   |   |   |   |   |   |   |   |  |
| 30A                 | SCHEDA TM POSINPUT2 - POS. 2 |                      |   |   |   |   |   |   |   |   | 67              | OUTPUT DIGITALI            |                      |   |   |   |   |   |   |   |   |   |   |  |
| 31                  | ENCODER SSI                  |                      |   |   |   |   |   |   |   |   | 70              | OUTPUT ANALOGICI           |                      |   |   |   |   |   |   |   |   |   |   |  |
| 32                  | DISPONIBILE                  |                      |   |   |   |   |   |   |   |   | 71              | OUTPUT ANALOGICI           |                      |   |   |   |   |   |   |   |   |   |   |  |
| 32A                 | TERMOREGOLATORI              |                      |   |   |   |   |   |   |   |   | 72              | OUTPUT ANALOGICI           |                      |   |   |   |   |   |   |   |   |   |   |  |
| 33                  | DISPONIBILE                  |                      |   |   |   |   |   |   |   |   | 73              | OUTPUT ANALOGICI           |                      |   |   |   |   |   |   |   |   |   |   |  |
| 34                  | TRASDUTTORI DI PRESSIONE     |                      |   |   |   |   |   |   |   |   |                 |                            |                      |   |   |   |   |   |   |   |   |   |   |  |

Note :

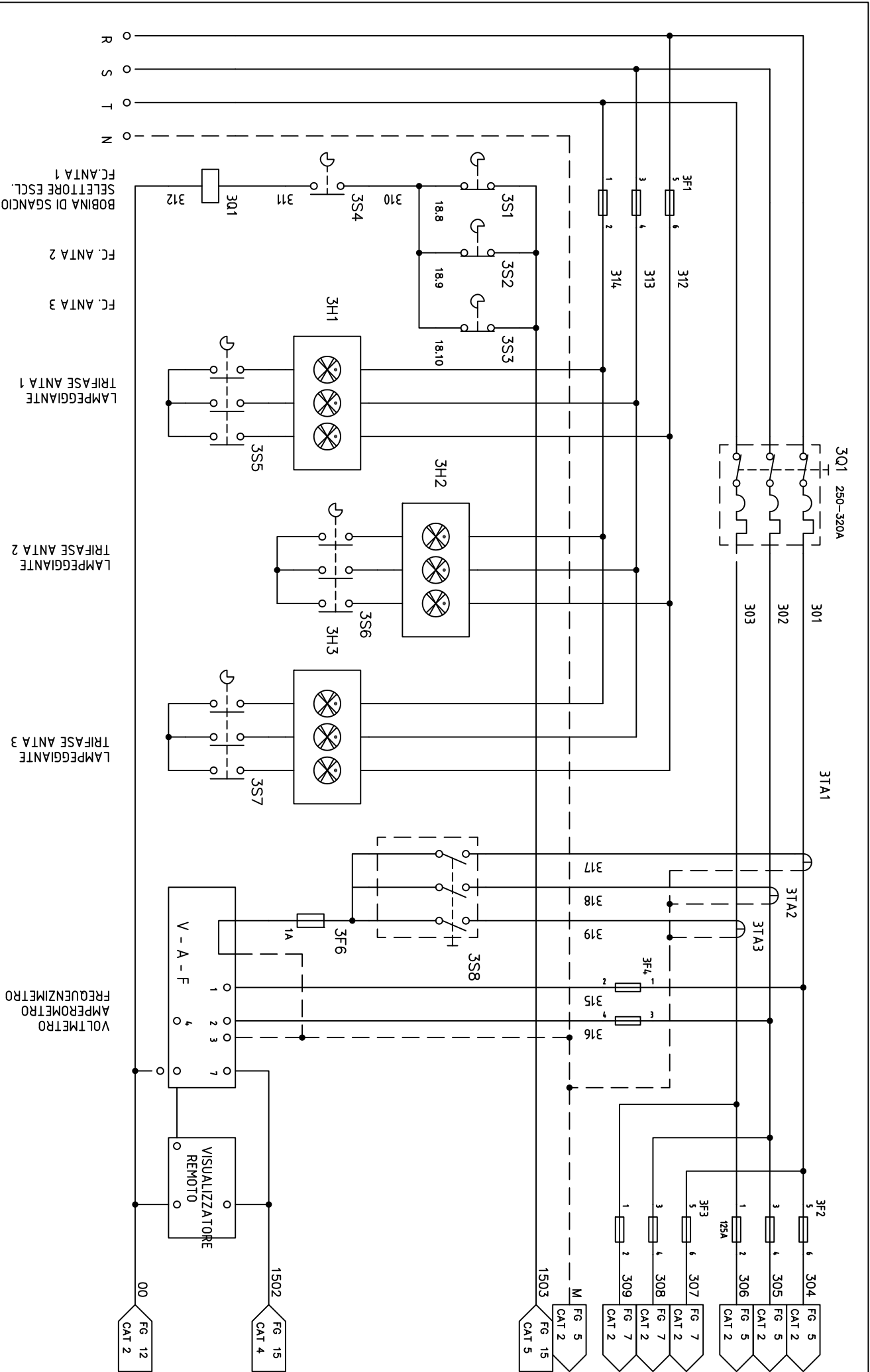
|                                                                                 |   |   |                                                                                        |   |   |   |   |   |    |    |    |    |                                                |    |    |    |    |    |    |    |  |  |
|---------------------------------------------------------------------------------|---|---|----------------------------------------------------------------------------------------|---|---|---|---|---|----|----|----|----|------------------------------------------------|----|----|----|----|----|----|----|--|--|
| 1                                                                               | 2 | 3 | 4                                                                                      | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14                                             | 15 | 16 | 17 | 18 | 19 | 20 | 21 |  |  |
|  |   |   | <b>Sede operativa</b><br>Via G. Luraghi<br>Pomigiano d'Adda (Mo)<br>Tel. 081 317 71 94 |   |   |   |   |   |    |    |    |    | <b>CLIENTE :</b> LEONARDO Divisione Elicotteri |    |    |    |    |    |    |    |  |  |
| e-mail: info@seaindustrie.it                                                    |   |   | <b>Descrizione:</b> RETROFITTING PRESSA INSSE-1                                        |   |   |   |   |   |    |    |    |    | <b>Disegnata:</b> S1000153                     |    |    |    |    |    |    |    |  |  |
|                                                                                 |   |   | LISTA DISEGNI                                                                          |   |   |   |   |   |    |    |    |    | <b>Data:</b> 04/05/2018                        |    |    |    |    |    |    |    |  |  |
|                                                                                 |   |   |                                                                                        |   |   |   |   |   |    |    |    |    | <b>Revisione:</b> 00                           |    |    |    |    |    |    |    |  |  |
|                                                                                 |   |   |                                                                                        |   |   |   |   |   |    |    |    |    | <b>Foglio N°</b> 2                             |    |    |    |    |    |    |    |  |  |
|                                                                                 |   |   |                                                                                        |   |   |   |   |   |    |    |    |    | <b>Disegno N°</b>                              |    |    |    |    |    |    |    |  |  |
|                                                                                 |   |   |                                                                                        |   |   |   |   |   |    |    |    |    | <b>PRBC:</b> 1                                 |    |    |    |    |    |    |    |  |  |
|                                                                                 |   |   |                                                                                        |   |   |   |   |   |    |    |    |    | <b>SGC:</b> 2A                                 |    |    |    |    |    |    |    |  |  |
|                                                                                 |   |   |                                                                                        |   |   |   |   |   |    |    |    |    |                                                |    |    |    |    |    |    |    |  |  |

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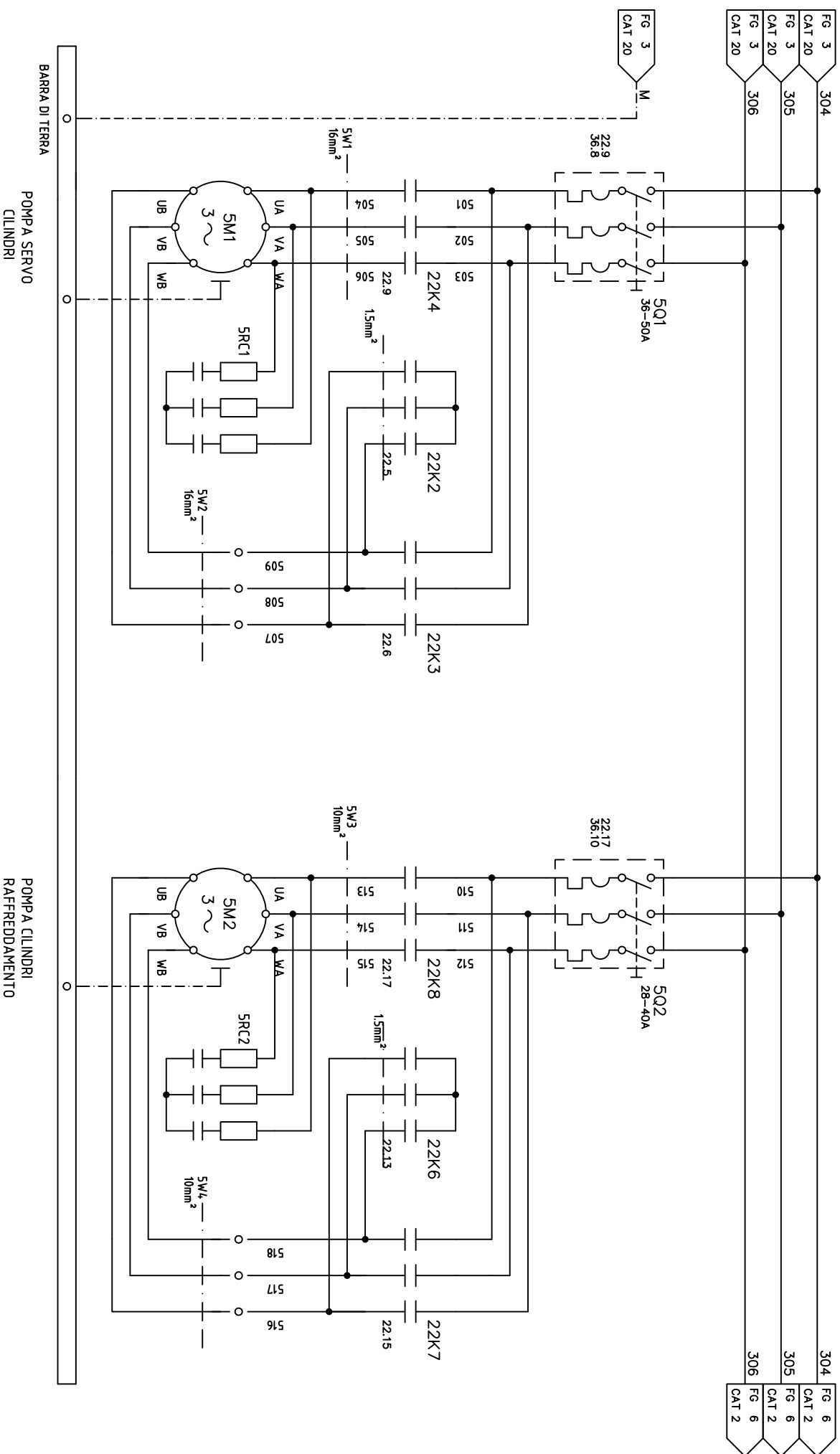
| LISTA FOGLI \ INDEX |                                     |                      |   |   |   |   |   |   |   |   |                 |                            |                      |   |   |   |   |   |   |   |   |   |   |  |
|---------------------|-------------------------------------|----------------------|---|---|---|---|---|---|---|---|-----------------|----------------------------|----------------------|---|---|---|---|---|---|---|---|---|---|--|
| Foglio<br>Sheet     | Descrizione<br>Description          | Revisione \ Revision |   |   |   |   |   |   |   |   | Foglio<br>Sheet | Descrizione<br>Description | Revisione \ Revision |   |   |   |   |   |   |   |   |   |   |  |
|                     |                                     | 0                    | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |                 |                            | 9                    | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |  |
| 100                 | ALIMENTAZIONI QUADRO STRUMENTAZIONE |                      |   |   |   |   |   |   |   |   | 130             | USCITE ANALOGICI           |                      |   |   |   |   |   |   |   |   |   |   |  |
| 101                 | AUSILIARI QUADRO STRUMENTAZIONE     |                      |   |   |   |   |   |   |   |   | 131             | USCITE ANALOGICI           |                      |   |   |   |   |   |   |   |   |   |   |  |
| 105                 | CONFIGURAZIONE ET200M               |                      |   |   |   |   |   |   |   |   | 132             | USCITE ANALOGICI           |                      |   |   |   |   |   |   |   |   |   |   |  |
| 107                 | INGRESSI ANALOGICI                  |                      |   |   |   |   |   |   |   |   | 135             | CONFIGURAZIONE PROFINET    |                      |   |   |   |   |   |   |   |   |   |   |  |
| 108                 | INGRESSI ANALOGICI                  |                      |   |   |   |   |   |   |   |   | --              | --                         |                      |   |   |   |   |   |   |   |   |   |   |  |
| 109                 | INGRESSI ANALOGICI                  |                      |   |   |   |   |   |   |   |   | --              | --                         |                      |   |   |   |   |   |   |   |   |   |   |  |
| 110                 | INGRESSI ANALOGICI                  |                      |   |   |   |   |   |   |   |   | --              | --                         |                      |   |   |   |   |   |   |   |   |   |   |  |
| 111                 | INGRESSI ANALOGICI                  |                      |   |   |   |   |   |   |   |   | --              | --                         |                      |   |   |   |   |   |   |   |   |   |   |  |
| 112                 | INGRESSI ANALOGICI                  |                      |   |   |   |   |   |   |   |   | --              | --                         |                      |   |   |   |   |   |   |   |   |   |   |  |
| 113                 | INGRESSI ANALOGICI                  |                      |   |   |   |   |   |   |   |   | --              | --                         |                      |   |   |   |   |   |   |   |   |   |   |  |
| 114                 | INGRESSI ANALOGICI                  |                      |   |   |   |   |   |   |   |   | --              | --                         |                      |   |   |   |   |   |   |   |   |   |   |  |
| 115                 | INGRESSI ANALOGICI                  |                      |   |   |   |   |   |   |   |   | --              | --                         |                      |   |   |   |   |   |   |   |   |   |   |  |
| 116                 | INGRESSI ANALOGICI                  |                      |   |   |   |   |   |   |   |   | --              | --                         |                      |   |   |   |   |   |   |   |   |   |   |  |
| 117                 | USCITE ANALOGICI                    |                      |   |   |   |   |   |   |   |   | --              | --                         |                      |   |   |   |   |   |   |   |   |   |   |  |
| 118                 | USCITE ANALOGICI                    |                      |   |   |   |   |   |   |   |   | --              | --                         |                      |   |   |   |   |   |   |   |   |   |   |  |
| 119                 | USCITE ANALOGICI                    |                      |   |   |   |   |   |   |   |   | --              | --                         |                      |   |   |   |   |   |   |   |   |   |   |  |
| 120                 | USCITE ANALOGICI                    |                      |   |   |   |   |   |   |   |   | --              | --                         |                      |   |   |   |   |   |   |   |   |   |   |  |
| 121                 | USCITE ANALOGICI                    |                      |   |   |   |   |   |   |   |   | --              | --                         |                      |   |   |   |   |   |   |   |   |   |   |  |
| 122                 | USCITE ANALOGICI                    |                      |   |   |   |   |   |   |   |   | --              | --                         |                      |   |   |   |   |   |   |   |   |   |   |  |
| 123                 | USCITE ANALOGICI                    |                      |   |   |   |   |   |   |   |   | --              | --                         |                      |   |   |   |   |   |   |   |   |   |   |  |
| 124                 | USCITE ANALOGICI                    |                      |   |   |   |   |   |   |   |   | --              | --                         |                      |   |   |   |   |   |   |   |   |   |   |  |
| 125                 | USCITE ANALOGICI                    |                      |   |   |   |   |   |   |   |   | --              | --                         |                      |   |   |   |   |   |   |   |   |   |   |  |
| 126                 | USCITE ANALOGICI                    |                      |   |   |   |   |   |   |   |   | --              | --                         |                      |   |   |   |   |   |   |   |   |   |   |  |
| 127                 | USCITE ANALOGICI                    |                      |   |   |   |   |   |   |   |   | --              | --                         |                      |   |   |   |   |   |   |   |   |   |   |  |
| 128                 | USCITE ANALOGICI                    |                      |   |   |   |   |   |   |   |   |                 |                            |                      |   |   |   |   |   |   |   |   |   |   |  |
| 129                 | USCITE ANALOGICI                    |                      |   |   |   |   |   |   |   |   |                 |                            |                      |   |   |   |   |   |   |   |   |   |   |  |

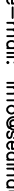
Note :

|                                                                                 |   |   |                                                                                                                                                                                                                                                                                                                                                    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
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| 1                                                                               | 2 | 3 | 4                                                                                                                                                                                                                                                                                                                                                  | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|  |   |   | <div><div>Sede operativa<br/>Via G. Luraghi<br/>Pomigino d'Adda (Mo)<br/>INDUSTRIALE Tel. 081 317 71 94</div><div>CLIENTE : LEONARDO Divisione Elicotteri</div><div>Descrizione: RETROFITTING PRESSA INSSSE-1</div><div>LISTA DISEGNI</div></div>                                                                                                  |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| e-mail: info@seaindustrie.it                                                    |   |   | <div><div>Commessa:<br/>S1000153</div><div>Data:<br/>04/05/2018</div><div>Revisione:<br/>00</div><div>Foglio N°<br/>2A</div><div>Disegno N°</div></div> <div><div>Disegnatore:<br/>SEA INDUSTRIALE S1000153_00</div><div>File Name:<br/>04/05/2018</div><div>Data revisione:<br/>04/05/2018</div><div>PRGC.<br/>2</div><div>SGC.<br/>3</div></div> |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |

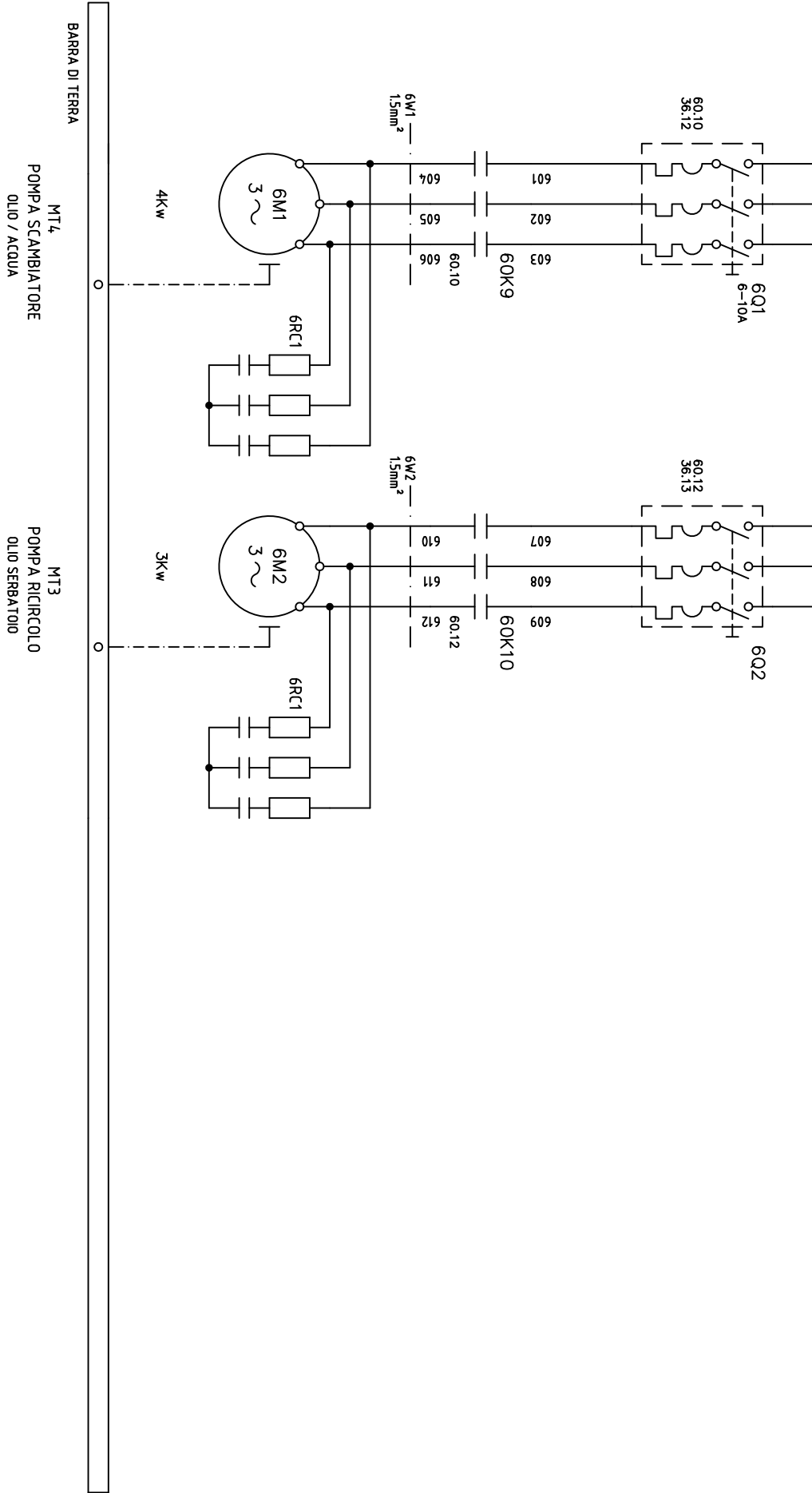


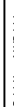
|                                                                                                                                                                                                                  |   |   |                                          |   |   |   |   |   |    |    |    |    |                                          |    |                       |    |                            |    |             |    |            |  |
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| 1                                                                                                                                                                                                                | 2 | 3 | 4                                        | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14                                       | 15 | 16                    | 17 | 18                         | 19 | 20          | 21 |            |  |
|  <div>Scade operativa<br/>Via G. Luraghi<br/>Compiègne d. Arco (No)<br/>Tel. 081 317 71 94<br/>e-mail: info@seaindustrie.it</div> |   |   | CLIENTE : LEONARDO Divisione Elicotteri  |   |   |   |   |   |    |    |    |    | Commissa: S1000153                       |    | Data: 04/05/2018      |    | Revisione: 00              |    | Foglio N° 3 |    | Disegno N° |  |
|                                                                                                                                                                                                                  |   |   | Descrizione: RETROFITTING PRESSA INNSE-1 |   |   |   |   |   |    |    |    |    | Disegnatore: SEA INDUSTRIALE S1000153_00 |    | File Name: 04/05/2018 |    | Data revisione: 04/05/2018 |    | PRG. 2      |    | SGC. 5     |  |
|                                                                                                                                                                                                                  |   |   | ENTRATA LINEA                            |   |   |   |   |   |    |    |    |    |                                          |    |                       |    |                            |    |             |    |            |  |



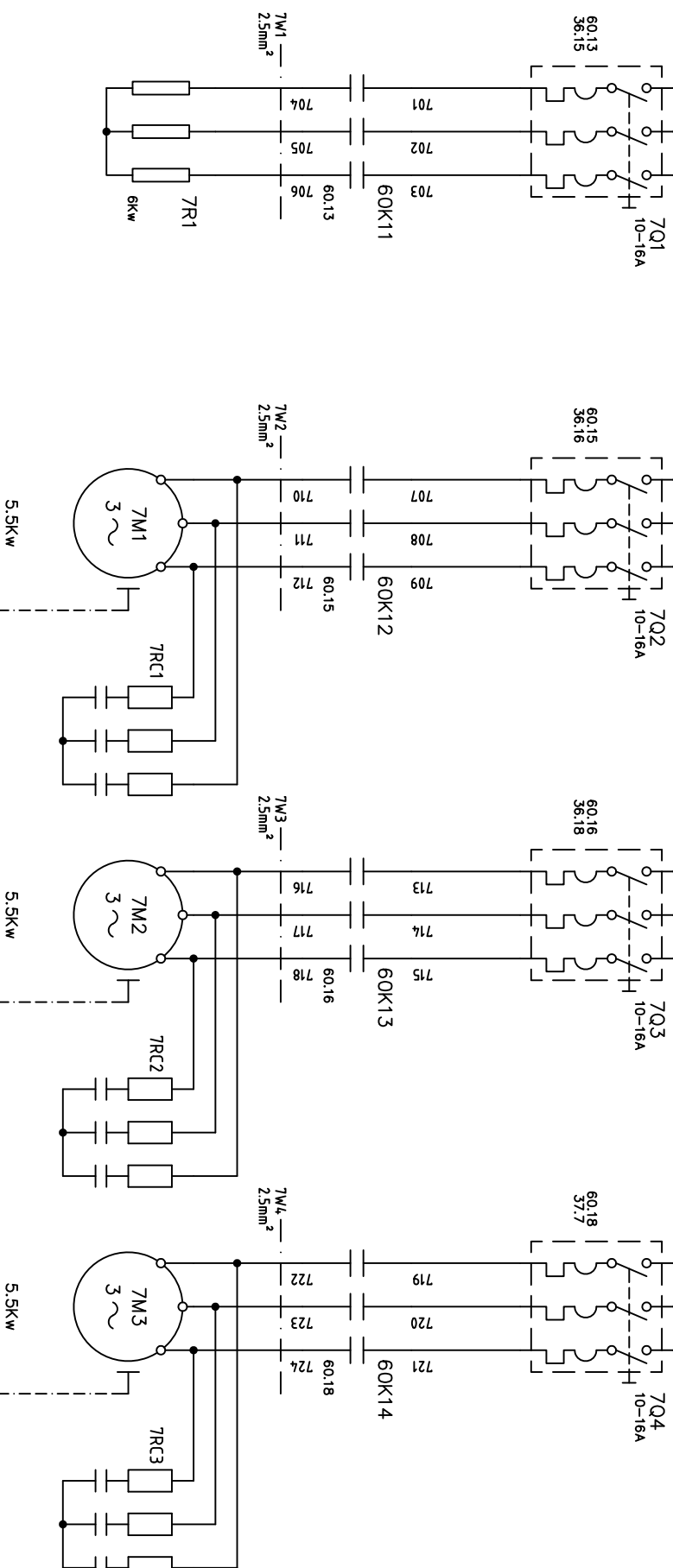
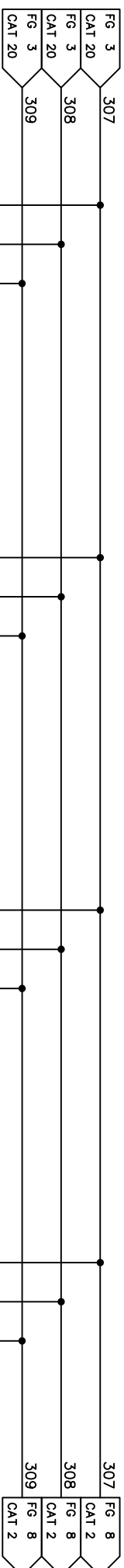
|                                                                                                                                                                                                             |   |   |                                                |   |   |   |   |   |    |    |    |    |                                        |                            |                                                     |                         |                    |    |                   |    |  |  |  |
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| 1                                                                                                                                                                                                           | 2 | 3 | 4                                              | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14                                     | 15                         | 16                                                  | 17                      | 18                 | 19 | 20                | 21 |  |  |  |
|  <b>SEA</b><br>INDUSTRIALE<br>Sede operativa<br>Via G. Luraghi<br>(Mi)<br>Tel. 081 317 71 94<br>e-mail: info@seaindustrie.it |   |   | <b>CLIENTE : LEONARDO Divisione Elicotteri</b> |   |   |   |   |   |    |    |    |    | <b>Commissa:</b><br>S1000153           | <b>Data:</b><br>04/05/2018 | <b>File Name:</b><br>SEA INDUSTRIALE<br>S1000153_00 | <b>Revisione:</b><br>00 | <b>Foglio N°</b> 5 |    | <b>Disegno N°</b> |    |  |  |  |
|                                                                                                                                                                                                             |   |   | <b>Descrizione: RETROFITTING PRESSA -1</b>     |   |   |   |   |   |    |    |    |    | <b>Disegnatore:</b><br>SEA INDUSTRIALE |                            | <b>Data revisione:</b><br>04/05/2018                | <b>PRG.</b><br>3        | <b>SGC.</b><br>6   |    |                   |    |  |  |  |
|                                                                                                                                                                                                             |   |   | <b>MOTORI</b>                                  |   |   |   |   |   |    |    |    |    |                                        |                            |                                                     |                         |                    |    |                   |    |  |  |  |

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| FG 5   | 304 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CAT 20 |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FG 5   | 305 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CAT 20 |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FG 5   | 306 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CAT 20 |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



|                                                                                 |   |   |                                                                                                           |   |   |   |   |   |    |    |    |    |    |    |    |    |    |                       |    |                       |                  |                            |               |        |             |        |            |  |  |  |
|---------------------------------------------------------------------------------|---|---|-----------------------------------------------------------------------------------------------------------|---|---|---|---|---|----|----|----|----|----|----|----|----|----|-----------------------|----|-----------------------|------------------|----------------------------|---------------|--------|-------------|--------|------------|--|--|--|
| 1                                                                               | 2 | 3 | 4                                                                                                         | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19                    | 20 | 21                    |                  |                            |               |        |             |        |            |  |  |  |
|  |   |   | <div>Sede operativa<br/>Via G. Luraghi<br/>Pompeiano d'Adda (Wo)<br/>INDUSTRIALE tel. 081 317 71 94</div> |   |   |   |   |   |    |    |    |    |    |    |    |    |    |                       |    |                       |                  |                            |               |        |             |        |            |  |  |  |
| CLIENTE : LEONARDO Divisione Elicotteri                                         |   |   |                                                                                                           |   |   |   |   |   |    |    |    |    |    |    |    |    |    | Commissa: S1000153    |    |                       | Data: 04/05/2018 |                            | Revisione: 00 |        | Foglio N° 6 |        | Disegno N° |  |  |  |
| Descrizione: RETROFITTING PRESSA INSSE-1                                        |   |   |                                                                                                           |   |   |   |   |   |    |    |    |    |    |    |    |    |    | Disegnatore: S1000153 |    | File Name: 04/05/2018 |                  | Data revisione: 04/05/2018 |               | PRG. 5 |             | SEC. 7 |            |  |  |  |
| MOTORI                                                                          |   |   |                                                                                                           |   |   |   |   |   |    |    |    |    |    |    |    |    |    | SEA INDUSTRIALE       |    | S1000153_00           |                  |                            |               |        |             |        |            |  |  |  |
| e-mail: info@seaindustriale.it                                                  |   |   |                                                                                                           |   |   |   |   |   |    |    |    |    |    |    |    |    |    |                       |    |                       |                  |                            |               |        |             |        |            |  |  |  |

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**BARRA DI TERRA**

**RISCALDO OLIO  
CENTRALE IDRAULICA**

MT9  
POMPA 1  
CENTRALINA OLIO CALDA

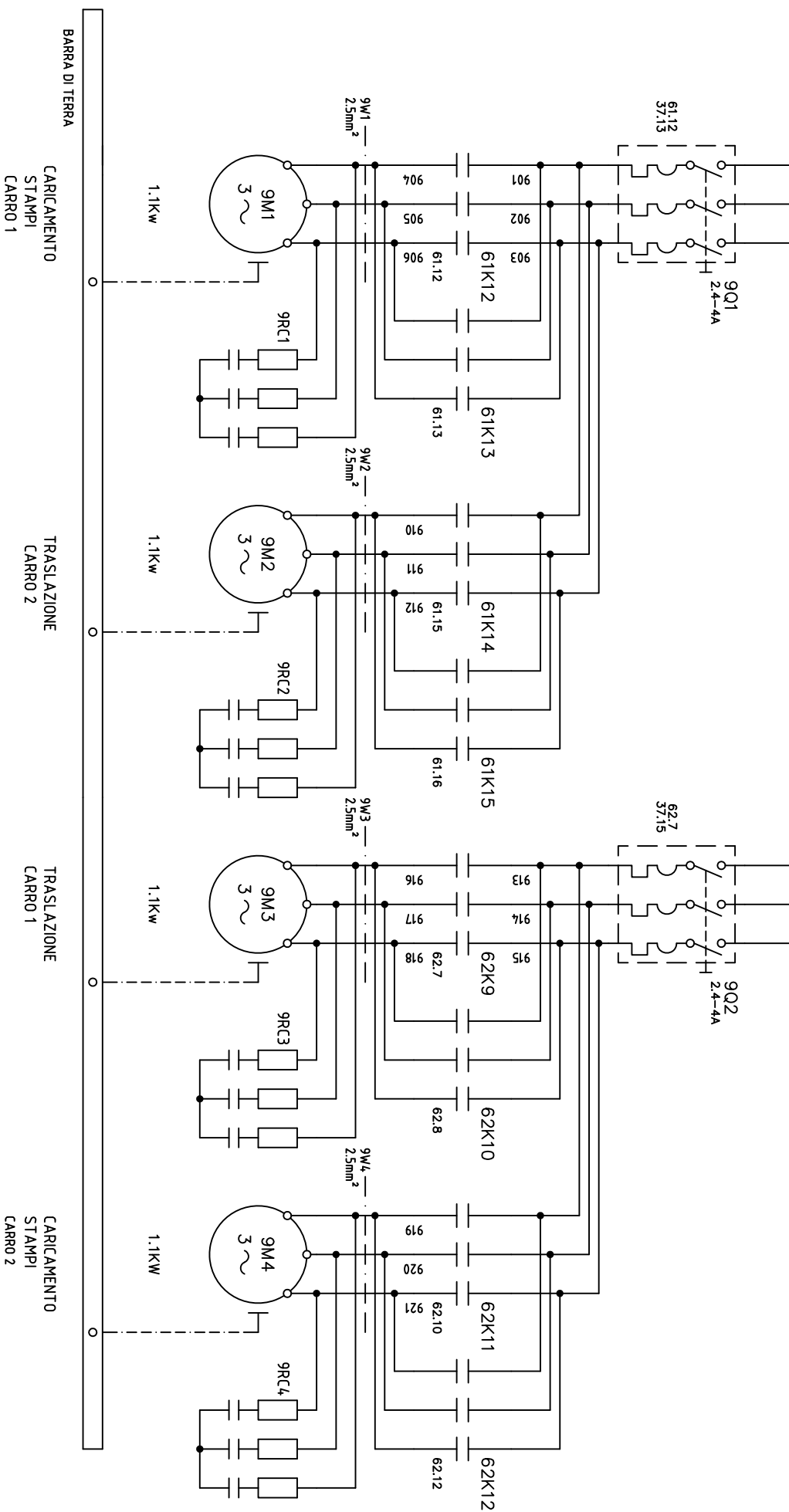
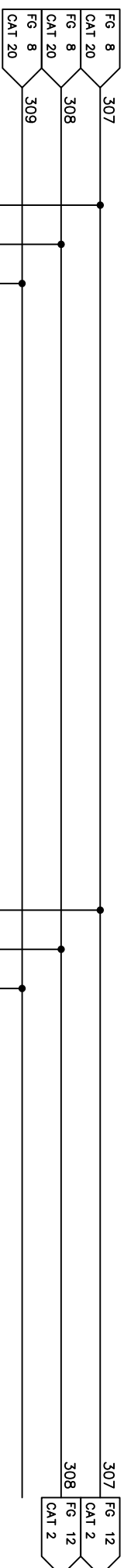
MT10  
POMPA 2  
CENTRALINA OLIO CALDA

MT11  
POMPA 3  
CENTRALINA OLIO CALDA

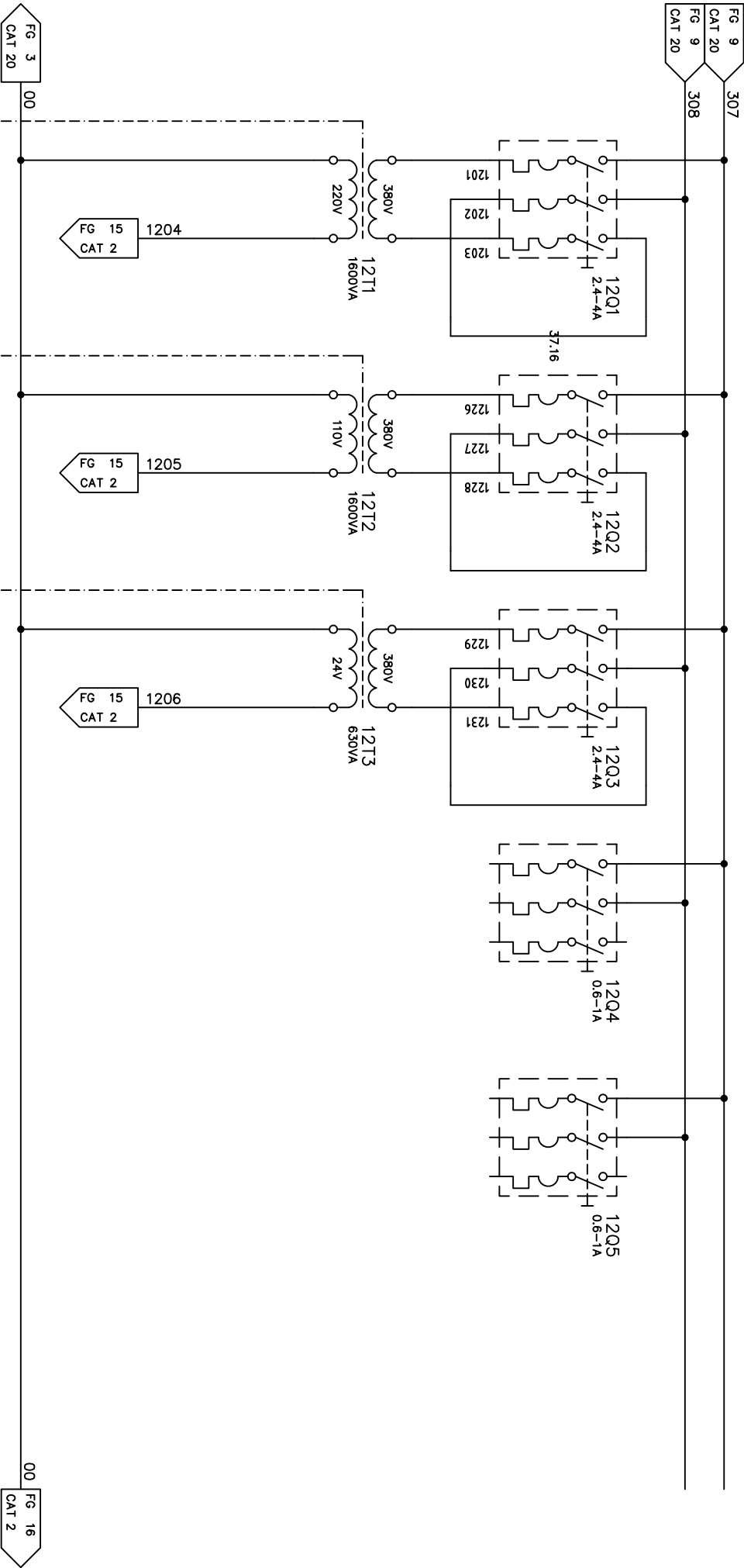
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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|--------------------------------------------------------------------------------------------------------------------|---|---|--------------------------------------|---|---|-----------------------|----|----|-------------------|----|----|----|----|----|----|----|----|
| 1                                                                                                                                                                                              | 2 | 3 | 4                                                                                                                  | 5 | 6 | 7                                    | 8 | 9 | 10                    | 11 | 12 | 13                | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|  <b>SEA</b><br>INDUSTRIALE<br>Sede operativa<br>Via G. Cesare, 1<br>Pontoglio di Aro (No)<br>Tel. 081 317 91 94 |   |   | <b>CLIENTE : LEONARDO Divisione Elicotteri</b><br><b>Descrizione: RETROFITTING PRESSA INSSE-1</b><br><b>MOTORI</b> |   |   |                                      |   |   |                       |    |    |                   |    |    |    |    |    |    |    |    |
| <b>Commissa:</b><br>S1000153                                                                                                                                                                   |   |   | <b>Data:</b><br>04/05/2018                                                                                         |   |   | <b>Revisione:</b><br>00              |   |   | <b>Foglio N°</b><br>7 |    |    | <b>Disegno N°</b> |    |    |    |    |    |    |    |    |
| <b>Disegnatore:</b><br>SEA INDUSTRIALE                                                                                                                                                         |   |   | <b>File Name:</b><br>S1000153_00                                                                                   |   |   | <b>Data revisione:</b><br>04/05/2018 |   |   | <b>PRCC.</b><br>6     |    |    | <b>SRG.</b><br>8  |    |    |    |    |    |    |    |    |



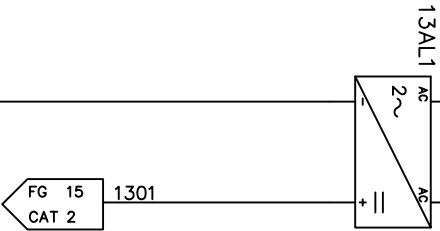
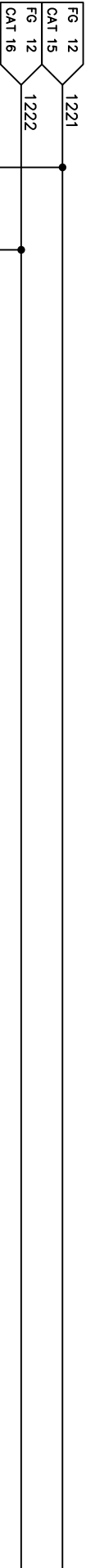




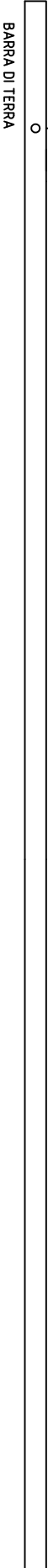
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| 1                                                                                                                                                                                               | 2 | 3 | 4                                                                                                                  | 5 | 6               | 7 | 8          | 9 | 10        | 11 | 12         | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|  <b>SEA</b><br>INDUSTRIALE<br>Sede operativa<br>Via G. Galilei, 1<br>Pontoglio d'Adda (No)<br>Tel. 081 571 71 94 |   |   | CLIENTE : <u>LEONARDO Divisione Elicotteri</u><br>Descrizione: <u>RETROFITTING PRESSA INSSE-1</u><br><u>MOTORI</u> |   |                 |   |            |   |           |    |            |    |    |    |    |    |    |    |    |    |
| e-mail: <a href="mailto:info@seaindustriale.it">info@seaindustriale.it</a>                                                                                                                      |   |   | Commessa:                                                                                                          |   | Data:           |   | Revisione: |   | Foglio N° |    | Disegno N° |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                                 |   |   | SI000153                                                                                                           |   | 04/05/2018      |   | 00         |   | 9         |    |            |    |    |    |    |    |    |    |    |    |
| Disegnatore:                                                                                                                                                                                    |   |   | File Name:                                                                                                         |   | Data revisione: |   |            |   | PRC.      |    | SFG.       |    |    |    |    |    |    |    |    |    |
| SEA INDUSTRIALE                                                                                                                                                                                 |   |   | SI000153_00                                                                                                        |   | 04/05/2018      |   |            |   | 8         |    | 12         |    |    |    |    |    |    |    |    |    |



|                                                                                  |   |   |                                                                                |   |   |                                         |   |   |    |    |    |    |                                                |    |                          |                       |                               |                     |           |                  |            |                 |  |            |
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| 1                                                                                | 2 | 3 | 4                                                                              | 5 | 6 | 7                                       | 8 | 9 | 10 | 11 | 12 | 13 | 14                                             | 15 | 16                       | 17                    | 18                            | 19                  | 20        | 21               |            |                 |  |            |
|  |   |   | Sede operativa<br>Via G. Luraghi<br>Pompiano d' Aco (No)<br>Tel. 081 317 71 94 |   |   | CLIENTE : LEONARDO Divisione Elicotteri |   |   |    |    |    |    |                                                |    |                          | Commissa:<br>S1000153 |                               | Data:<br>04/05/2018 |           | Revisione:<br>00 |            | Foglio N°<br>12 |  | Disegno N° |
| e-mail: info@seacindustrialde.it                                                 |   |   | Descrizione: RETROFITTING PRESSA INSSE-1<br>ALIMENTAZIONI                      |   |   |                                         |   |   |    |    |    |    | Disegnatore:<br>SEA INDUSTRIALE<br>S1000153_00 |    | File Name:<br>04/05/2018 |                       | Data revisione:<br>04/05/2018 |                     | PRG.<br>9 |                  | SIC.<br>13 |                 |  |            |
|                                                                                  |   |   |                                                                                |   |   |                                         |   |   |    |    |    |    |                                                |    |                          |                       |                               |                     |           |                  |            |                 |  |            |

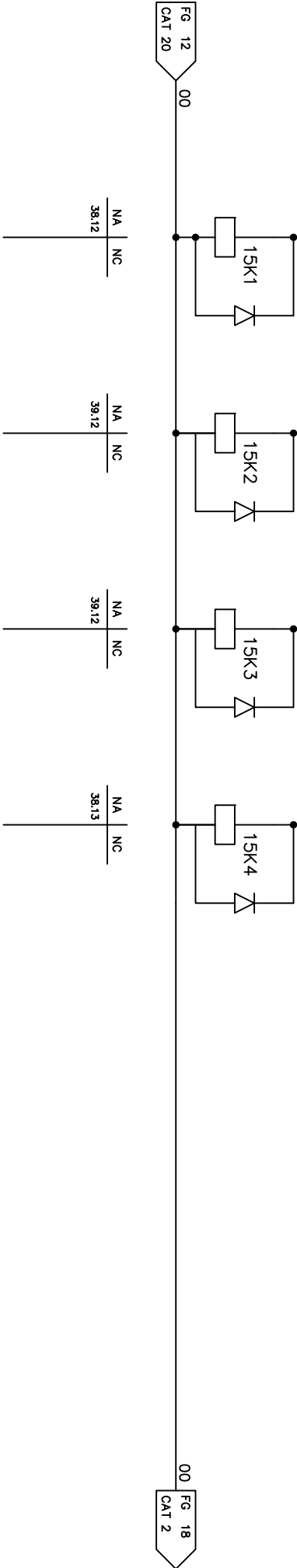
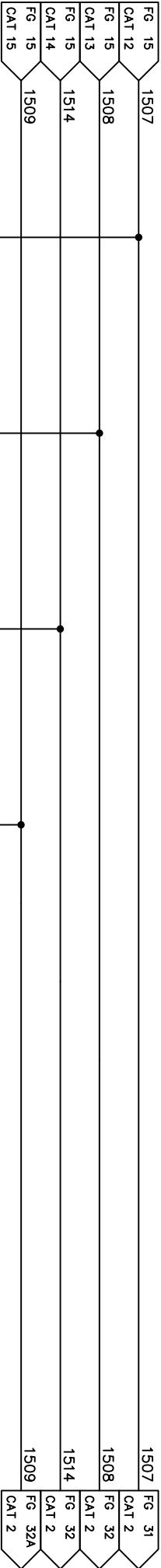


00A  
FG 30  
CAT 2



|                                                                                                                                                                               |   |   |   |   |   |   |   |   |    |    |                                          |    |    |    |    |    |    |    |    |    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|----|------------------------------------------|----|----|----|----|----|----|----|----|----|
| 1                                                                                                                                                                             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12                                       | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|  <div>Sede operativa<br/>Via G. Luraghi<br/>Romignano d'Arce (Ao)<br/>Tel. 081 317 71 94</div> |   |   |   |   |   |   |   |   |    |    | CLIENTE : LEONARDO Divisione Elicotteri  |    |    |    |    |    |    |    |    |    |
| e-mail: info@seaindustrie.it                                                                                                                                                  |   |   |   |   |   |   |   |   |    |    | Descrizione: RETROFITTING PRESSA INSSE-1 |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                               |   |   |   |   |   |   |   |   |    |    | ALIMENTAZIONI                            |    |    |    |    |    |    |    |    |    |
| Disegnatore: SEA INDUSTRIALE                                                                                                                                                  |   |   |   |   |   |   |   |   |    |    | Disegno N°                               |    |    |    |    |    |    |    |    |    |
| Commissa: S1000153                                                                                                                                                            |   |   |   |   |   |   |   |   |    |    | Foglio N° 13                             |    |    |    |    |    |    |    |    |    |
| Data: 04/05/2018                                                                                                                                                              |   |   |   |   |   |   |   |   |    |    | PRBC. 12                                 |    |    |    |    |    |    |    |    |    |
| Revisione: 00                                                                                                                                                                 |   |   |   |   |   |   |   |   |    |    | SGC. 15                                  |    |    |    |    |    |    |    |    |    |
| Data revisione: 04/05/2018                                                                                                                                                    |   |   |   |   |   |   |   |   |    |    |                                          |    |    |    |    |    |    |    |    |    |





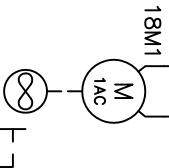
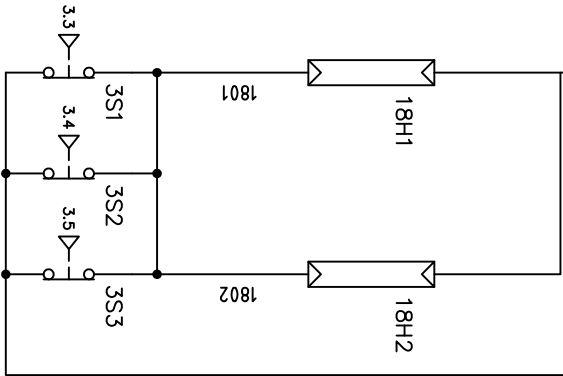
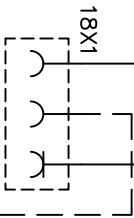
ALIMENTAZIONE 24Vdc  
ENCODER SERIALI

ALIMENTAZIONE 24Vdc  
AMPLIF. SERVO  
VALVOLE

ALIMENTAZIONE -24Vdc  
AMPLIF. SERVO  
VALVOLE

ALIMENTAZIONE 24Vdc  
TRASDUTTORI DI PRESSIONE

|                                                                                 |   |   |                                                                                                                              |   |   |                                         |   |   |    |    |    |    |    |    |    |                    |    |                              |    |                        |  |                            |  |            |  |         |  |  |  |
|---------------------------------------------------------------------------------|---|---|------------------------------------------------------------------------------------------------------------------------------|---|---|-----------------------------------------|---|---|----|----|----|----|----|----|----|--------------------|----|------------------------------|----|------------------------|--|----------------------------|--|------------|--|---------|--|--|--|
| 1                                                                               | 2 | 3 | 4                                                                                                                            | 5 | 6 | 7                                       | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17                 | 18 | 19                           | 20 | 21                     |  |                            |  |            |  |         |  |  |  |
|  |   |   | Sede operativa<br>Via G. Luraghi<br>Pomigliano d'Arco (No)<br>INDUSTRIALE Tel: 081 317 71 94<br>e-mail: info@seaindustrie.it |   |   | CLIENTE : LEONARDO Divisione Elicotteri |   |   |    |    |    |    |    |    |    | Commissa: S1000153 |    | Data: 04/05/2018             |    | Revisione: 00          |  | Foglio N° 16               |  | Disegno N° |  |         |  |  |  |
| Descrizione: RETROFITTING PRESSA INSSE-1                                        |   |   |                                                                                                                              |   |   |                                         |   |   |    |    |    |    |    |    |    |                    |    | Disegnatore: SEA INDUSTRIALE |    | File Name: S1000153_00 |  | Data revisione: 04/05/2018 |  | PRRC: 15   |  | SGC: 18 |  |  |  |
| RELE CONTROLLO TENSIONE                                                         |   |   |                                                                                                                              |   |   |                                         |   |   |    |    |    |    |    |    |    |                    |    |                              |    |                        |  |                            |  |            |  |         |  |  |  |

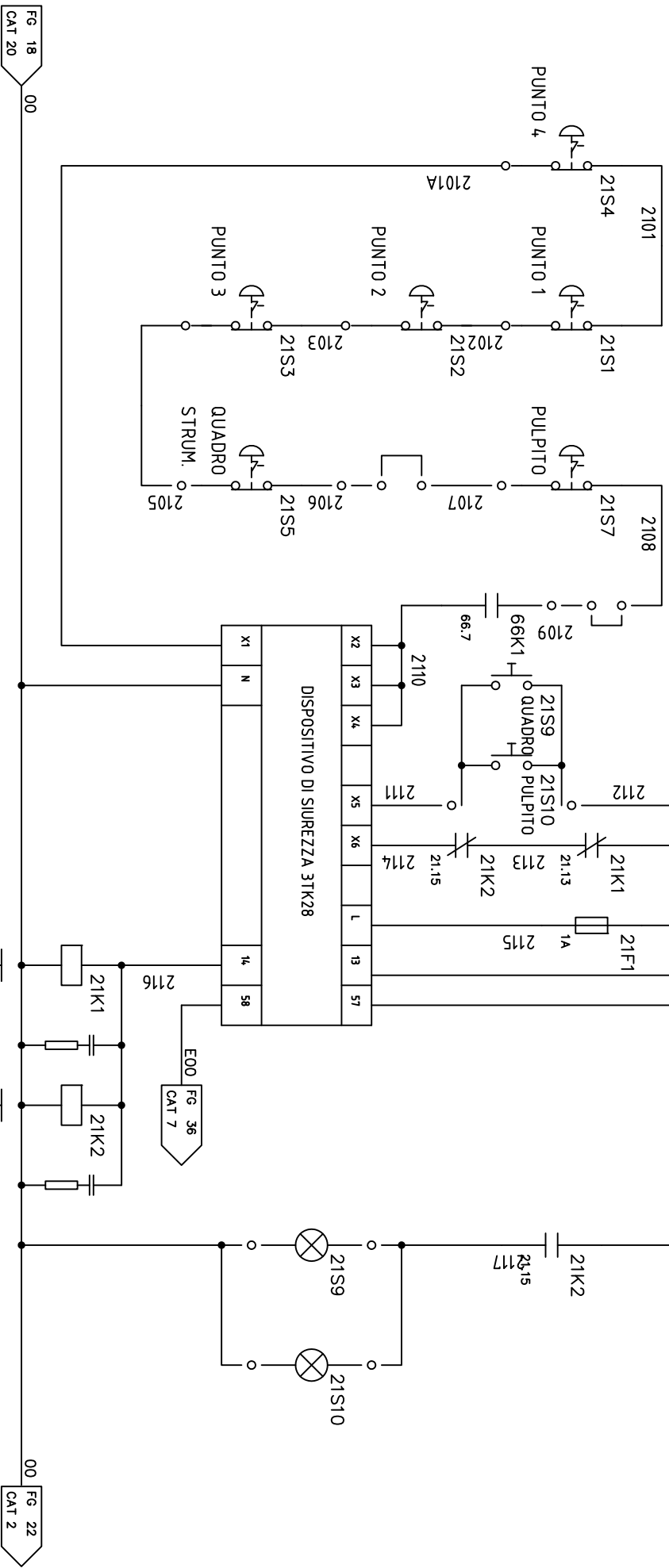


PRGA DI SERVIZIO

LUCE QUADRO ANTA 1

LUCE QUADRO ANTA 2

VENTOLA QUADRO

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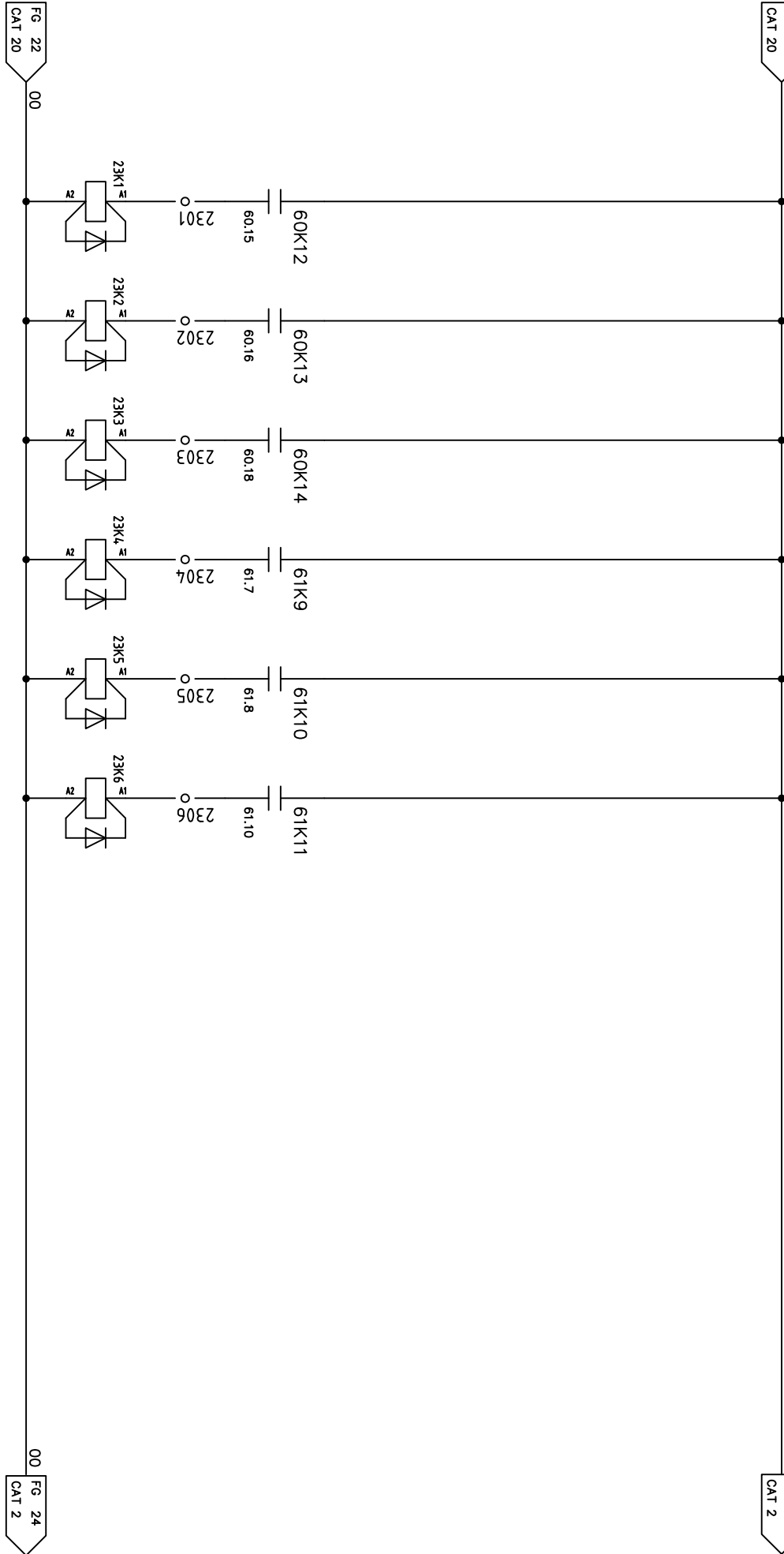
| AUSILIARI |       | AUSILIARI LAMPADE AUSILIARI ON |  |
|-----------|-------|--------------------------------|--|
| NA        | 15.9  | 15.19                          |  |
| NC        | 21.12 |                                |  |

|                                                                                 |   |   |                                                                                 |   |   |                                         |   |   |            |    |    |           |    |    |            |    |    |    |    |    |  |
|---------------------------------------------------------------------------------|---|---|---------------------------------------------------------------------------------|---|---|-----------------------------------------|---|---|------------|----|----|-----------|----|----|------------|----|----|----|----|----|--|
| 1                                                                               | 2 | 3 | 4                                                                               | 5 | 6 | 7                                       | 8 | 9 | 10         | 11 | 12 | 13        | 14 | 15 | 16         | 17 | 18 | 19 | 20 | 21 |  |
|  |   |   | Sede operativa<br>Via G. Luroghi<br>Pomponio d' Azzo (No)<br>Tel. 081 317 71 94 |   |   | CLIENTE : LEONARDO Divisione Elicotteri |   |   |            |    |    |           |    |    |            |    |    |    |    |    |  |
| --mail: info@seaindustriale.it                                                  |   |   | Descrizione: RETROFITTING PRESSA INSSE-1                                        |   |   |                                         |   |   |            |    |    |           |    |    |            |    |    |    |    |    |  |
| AUSILIARI                                                                       |   |   | Disegno N°                                                                      |   |   |                                         |   |   |            |    |    |           |    |    |            |    |    |    |    |    |  |
| Disegnatore:                                                                    |   |   | Commissa:                                                                       |   |   | Data:                                   |   |   | Revisione: |    |    | Foglio N° |    |    | Disegno N° |    |    |    |    |    |  |
| SEA INDUSTRIALE                                                                 |   |   | ST000153                                                                        |   |   | 04/05/2018                              |   |   | 00         |    |    | 21        |    |    |            |    |    |    |    |    |  |
| File Name:                                                                      |   |   | Data revisione:                                                                 |   |   |                                         |   |   |            |    |    |           |    |    |            |    |    |    |    |    |  |
| SEA INDUSTRIALE-ST000153_00                                                     |   |   | 04/05/2018                                                                      |   |   |                                         |   |   |            |    |    |           |    |    |            |    |    |    |    |    |  |
| PRC.                                                                            |   |   | SEC.                                                                            |   |   |                                         |   |   |            |    |    |           |    |    |            |    |    |    |    |    |  |
| 18                                                                              |   |   | 22                                                                              |   |   |                                         |   |   |            |    |    |           |    |    |            |    |    |    |    |    |  |

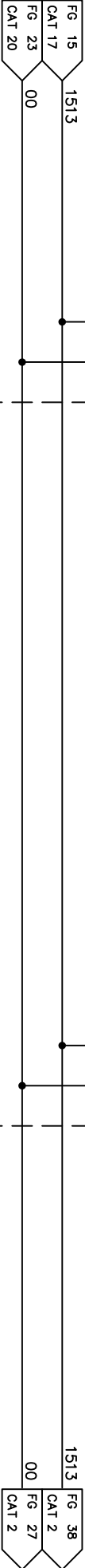
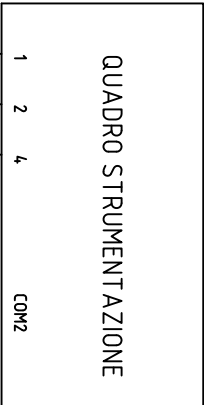
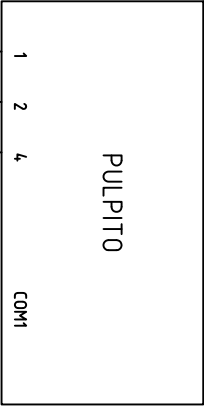
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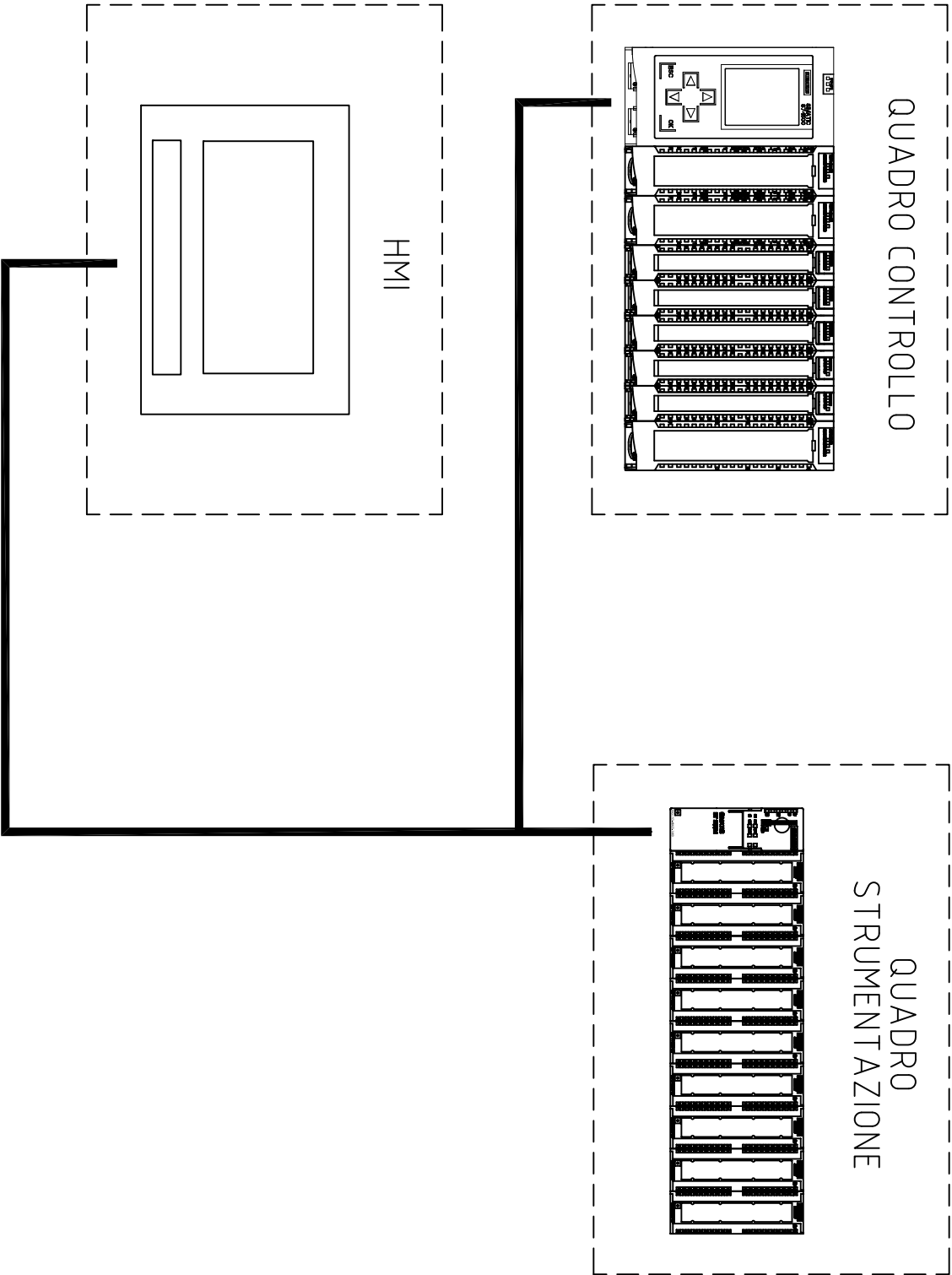
ZONA 1      ZONA 2      ZONA 3      ZONA 4      ZONA 5      ZONA 6  
ABILITATA    ABILITATA    ABILITATA    ABILITATA    ABILITATA    ABILITATA



BARRA DI TERRA

|                                                                                 |   |   |                                                                                  |   |   |   |   |   |    |    |                                                |    |                          |    |                             |    |                 |    |            |    |  |  |
|---------------------------------------------------------------------------------|---|---|----------------------------------------------------------------------------------|---|---|---|---|---|----|----|------------------------------------------------|----|--------------------------|----|-----------------------------|----|-----------------|----|------------|----|--|--|
| 1                                                                               | 2 | 3 | 4                                                                                | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12                                             | 13 | 14                       | 15 | 16                          | 17 | 18              | 19 | 20         | 21 |  |  |
|  |   |   | Sede operativa<br>Via G. Luraghi<br>Pomigliano d'Arco (No)<br>Tel: 081 317 71 94 |   |   |   |   |   |    |    | Commissa:<br>S1000153                          |    | Data:<br>04/05/2018      |    | Revisione:<br>00            |    | Foglio N°<br>24 |    | Disegno N° |    |  |  |
| e-mail: info@seaindustriale.it                                                  |   |   | CLIENTE : LEONARDO Divisione Elicotteri                                          |   |   |   |   |   |    |    | Disegnatore:<br>SEA INDUSTRIALE<br>S1000153_00 |    | File Name:<br>04/05/2018 |    | Data revisione:<br>23<br>27 |    |                 |    |            |    |  |  |
|                                                                                 |   |   | Descrizione: RETROFITTING PRESSA INSSE-1                                         |   |   |   |   |   |    |    | PANNELLI OPERATIVI                             |    |                          |    |                             |    |                 |    |            |    |  |  |



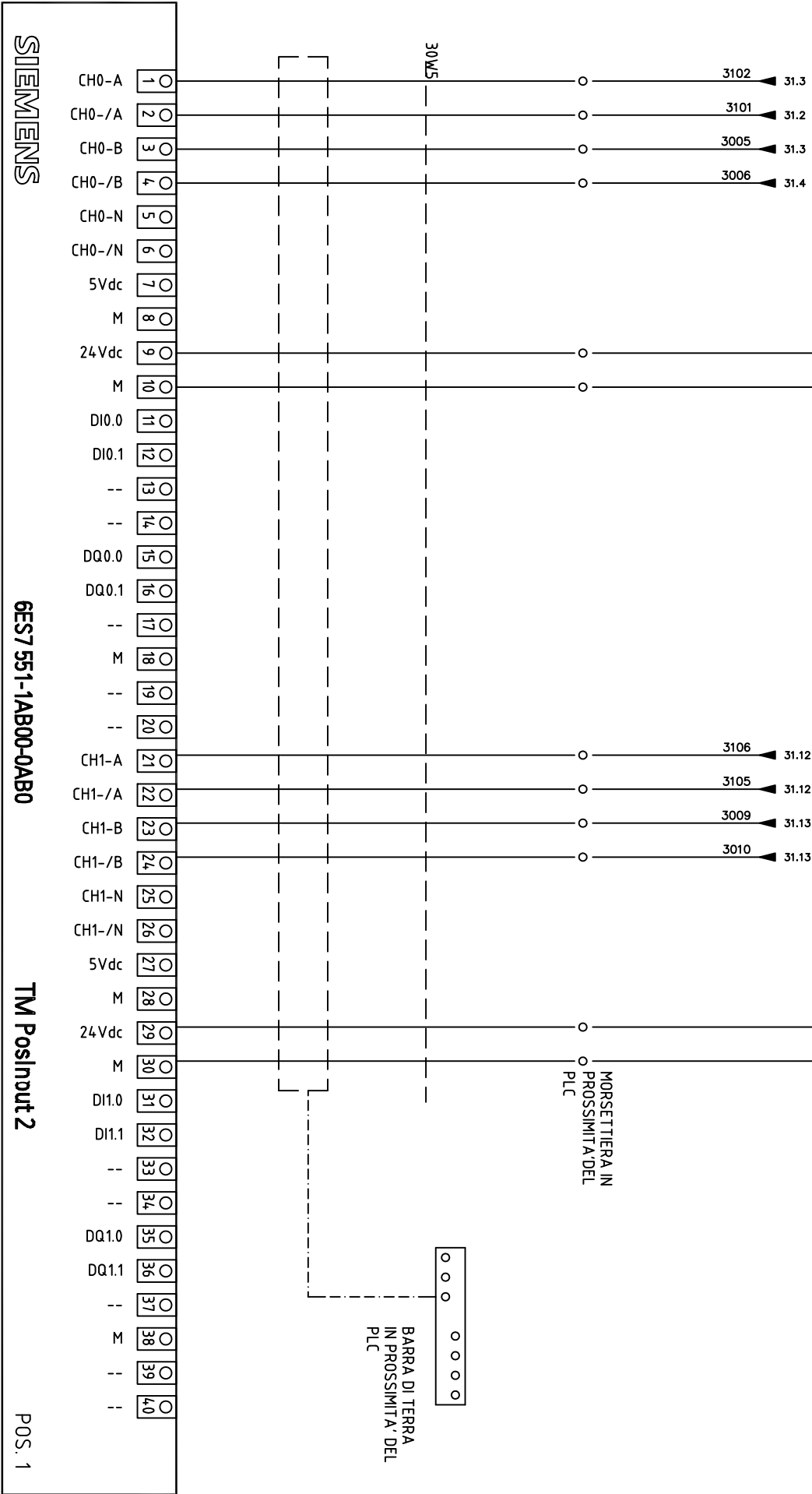


|                                                                                                                                                                                                                                                                                                                                                                                    |   |   |   |   |   |   |   |   |    |    |                 |             |                 |              |      |            |    |    |    |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|----|-----------------|-------------|-----------------|--------------|------|------------|----|----|----|----|
| 1                                                                                                                                                                                                                                                                                                                                                                                  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12              | 13          | 14              | 15           | 16   | 17         | 18 | 19 | 20 | 21 |
| <div><div><div>Sede operativa</div><div>Via G. Luraghi</div><div>Pompiano d'Adda (Mo)</div><div>INDUSTRIALE Tel. 081 317 71 94</div></div></div> <div><div>CLIENTE : LEONARDO Divisione Elicotteri</div><div>Descrizione: RETROFITTING PRESSA INSSE-1</div><div>CONFIGURAZIONE PROFINET</div></div> |   |   |   |   |   |   |   |   |    |    | Commessa:       | Data:       | Revisione:      | Foglio N° 28 |      | Disegno N° |    |    |    |    |
|                                                                                                                                                                                                                                                                                                                                                                                    |   |   |   |   |   |   |   |   |    |    | S1000153        | 04/05/2018  | 00              |              |      |            |    |    |    |    |
|                                                                                                                                                                                                                                                                                                                                                                                    |   |   |   |   |   |   |   |   |    |    | Disegnatore:    | File Name:  | Data revisione: | PRRC.        | SGC. |            |    |    |    |    |
|                                                                                                                                                                                                                                                                                                                                                                                    |   |   |   |   |   |   |   |   |    |    | SEA INDUSTRIALE | S1000153_00 | 04/05/2018      | 27           | 30   |            |    |    |    |    |

e-mail: info@seaindustriale.it

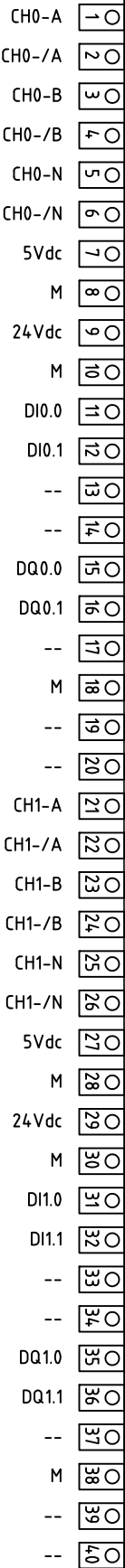
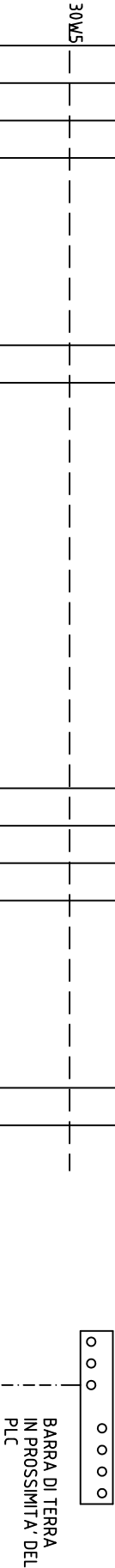
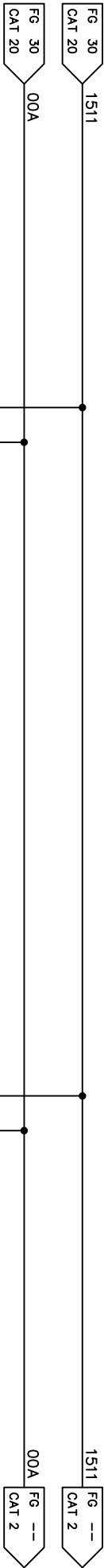
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|-------------------------------------|---|---|--------------------------------------------------------------------------------------|---|---|---|---|---|----|----|------------------------------------------------|----|----|----|----|----|----|----|-------------------------------------------------|----|------------------------------|--|-----------------------------------|--|---------------------|--|-------------------|--|
| 1                                   | 2 | 3 | 4                                                                                    | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12                                             | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20                                              | 21 |                              |  |                                   |  |                     |  |                   |  |
|                                     |   |   | <b>Sede operativa</b><br>Via G. Luraghi<br>Pomplano d'Acq (No)<br>Tel. 081 317 71 94 |   |   |   |   |   |    |    | <b>CLIENTE :</b> LEONARDO Divisione Elicotteri |    |    |    |    |    |    |    | <b>Commissa:</b> S1000153                       |    | <b>Data:</b> 04/05/2018      |  | <b>Revisione:</b> 00              |  | <b>Foglio N°</b> 30 |  | <b>Disegno N°</b> |  |
| <b>e-mail:</b> info@seaindustrie.it |   |   | <b>Descrizione:</b> RETROFITTING PRESSA INSSE-1                                      |   |   |   |   |   |    |    | <b>SCHEDA TM POSINPUT2 – POS. 1</b>            |    |    |    |    |    |    |    | <b>Disegnatore:</b> SEA INDUSTRIALE S1000153_00 |    | <b>File Name:</b> 04/05/2018 |  | <b>Data revisione:</b> 04/05/2018 |  | <b>PRRC.</b> 28     |  | <b>SGC.</b> 30A   |  |

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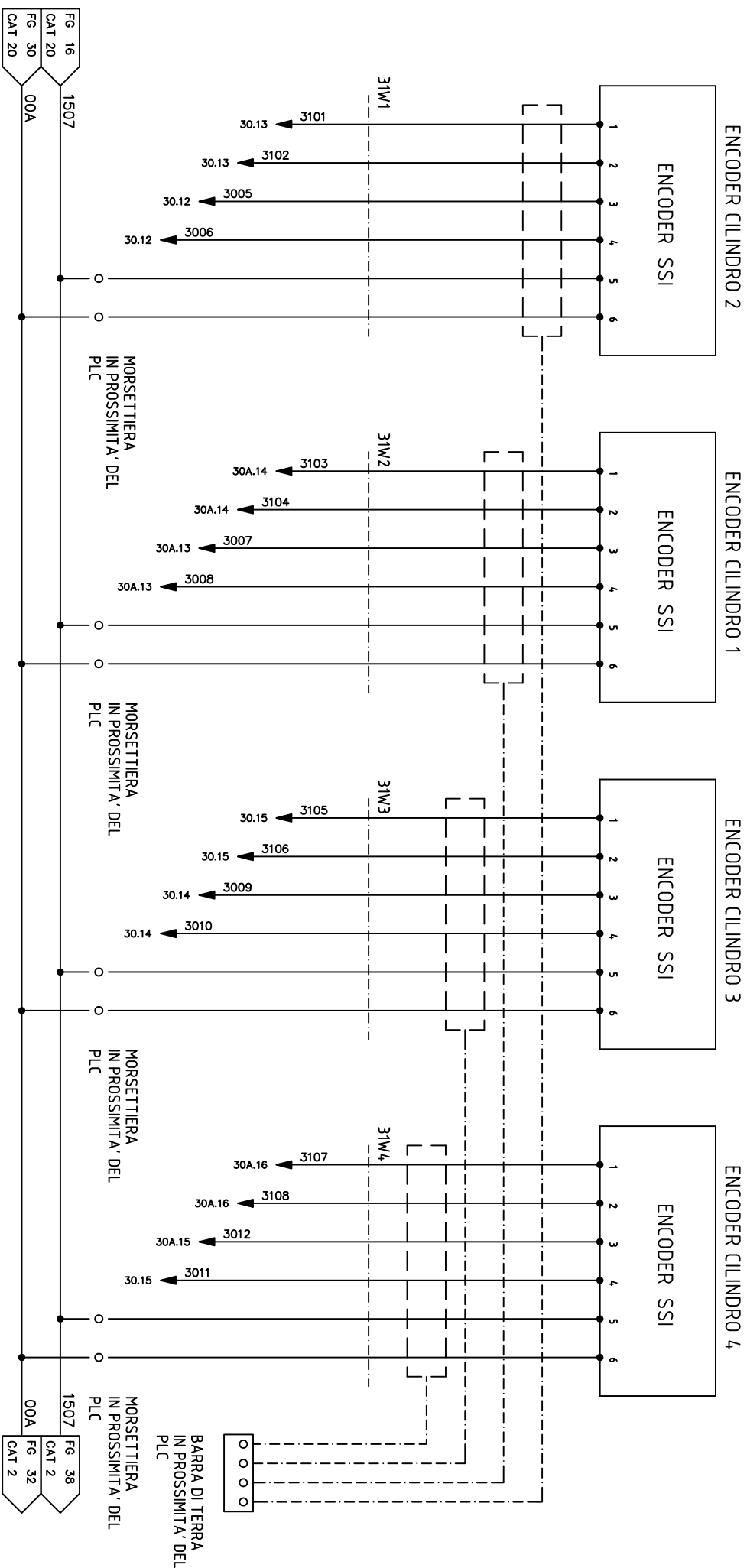
SIEMENS

6ES7 551-1AB00-0AB0

TM PosInput 2

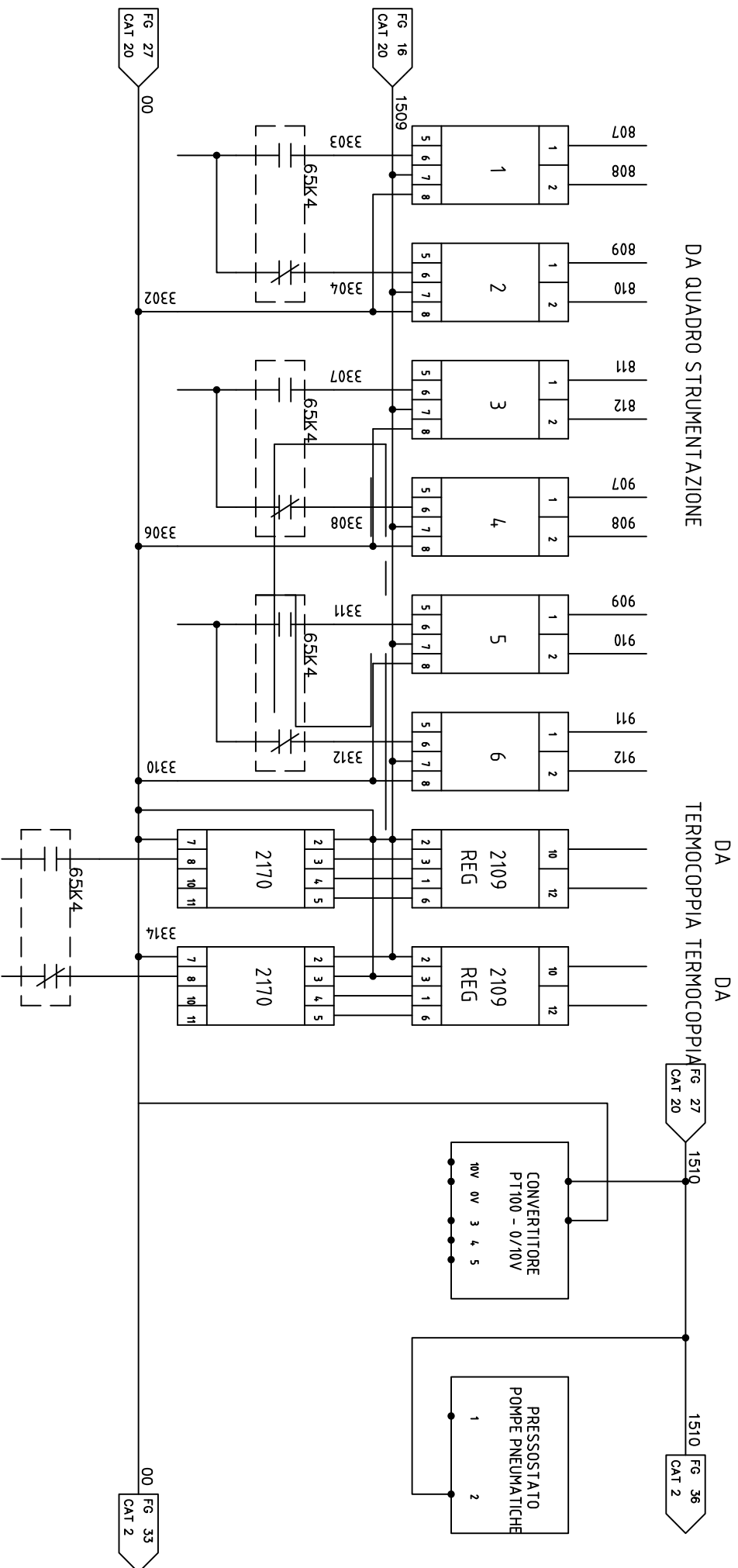
POS. 2

|                                                                                                                                                                              |   |   |                                          |   |                 |   |            |   |            |    |                 |    |            |    |           |    |     |    |            |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|------------------------------------------|---|-----------------|---|------------|---|------------|----|-----------------|----|------------|----|-----------|----|-----|----|------------|----|
| 1                                                                                                                                                                            | 2 | 3 | 4                                        | 5 | 6               | 7 | 8          | 9 | 10         | 11 | 12              | 13 | 14         | 15 | 16        | 17 | 18  | 19 | 20         | 21 |
|  <div>Sede operativa<br/>Via G. Luraghi<br/>Pompiano d'Adda (Mo)<br/>Tel. 081 317 71 94</div> |   |   | CLIENTE : LEONARDO Divisione Elicotteri  |   |                 |   |            |   |            |    |                 |    |            |    |           |    |     |    |            |    |
| e-mail: info@secdindustriale.it                                                                                                                                              |   |   | Descrizione: RETROFITTING PRESSA INSSE-1 |   |                 |   |            |   |            |    |                 |    |            |    |           |    |     |    |            |    |
|                                                                                                                                                                              |   |   | SCHEDA TM POSINPUT2 – POS. 2             |   |                 |   |            |   |            |    |                 |    |            |    |           |    |     |    |            |    |
|                                                                                                                                                                              |   |   | Commissa:                                |   | S1000153        |   | Data:      |   | 04/05/2018 |    | Revisione:      |    | 00         |    | Foglio N° |    | 30A |    | Disegno N° |    |
|                                                                                                                                                                              |   |   | Disegnatore:                             |   | SEA INDUSTRIALE |   | File Name: |   | 04/05/2018 |    | Data revisione: |    | 04/05/2018 |    | PRRC:     |    | 30  |    |            |    |
|                                                                                                                                                                              |   |   |                                          |   |                 |   |            |   |            |    |                 |    |            |    | SGC:      |    | 31  |    |            |    |



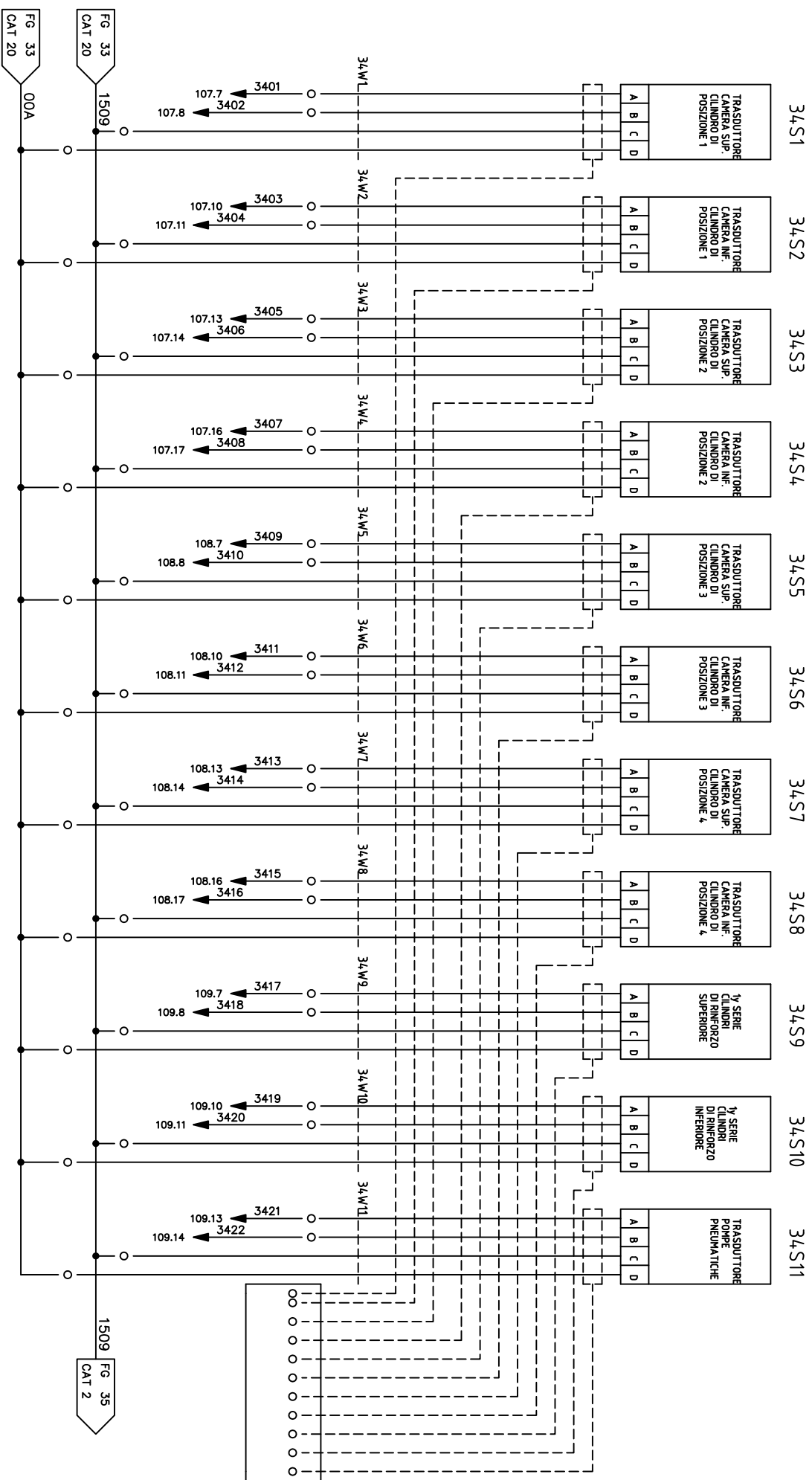
|                                                                                                                                                                                          |   |   |   |   |   |   |   |   |    |    |                                          |    |    |    |    |    |    |    |    |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|----|------------------------------------------|----|----|----|----|----|----|----|----|----|
| 1                                                                                                                                                                                        | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12                                       | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| <div><div>Sede operativa<br/>Via G. Luraghi<br/>Pomigliano d'Arco (Na)<br/>Tel. 081 317 71 94</div></div> |   |   |   |   |   |   |   |   |    |    | CLIENTE : LEONARDO Divisione Elicotteri  |    |    |    |    |    |    |    |    |    |
| e-mail: info@seaindustriale.it                                                                                                                                                           |   |   |   |   |   |   |   |   |    |    | Descrizione: RETROFITTING PRESSA INSSE-1 |    |    |    |    |    |    |    |    |    |
| DISPONIBILE                                                                                                                                                                              |   |   |   |   |   |   |   |   |    |    | Commissa: S1000153                       |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                          |   |   |   |   |   |   |   |   |    |    | Disegnatore: SEA INDUSTRIALE S1000153_00 |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                          |   |   |   |   |   |   |   |   |    |    | Data: 04/05/2018                         |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                          |   |   |   |   |   |   |   |   |    |    | File Name: S1000153_00                   |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                          |   |   |   |   |   |   |   |   |    |    | Revisione: 00                            |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                          |   |   |   |   |   |   |   |   |    |    | Data revisione: 04/05/2018               |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                          |   |   |   |   |   |   |   |   |    |    | Foglio N° 32                             |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                          |   |   |   |   |   |   |   |   |    |    | PRRC. 31                                 |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                          |   |   |   |   |   |   |   |   |    |    | Sgc. 32A                                 |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                          |   |   |   |   |   |   |   |   |    |    | Disegno N°                               |    |    |    |    |    |    |    |    |    |



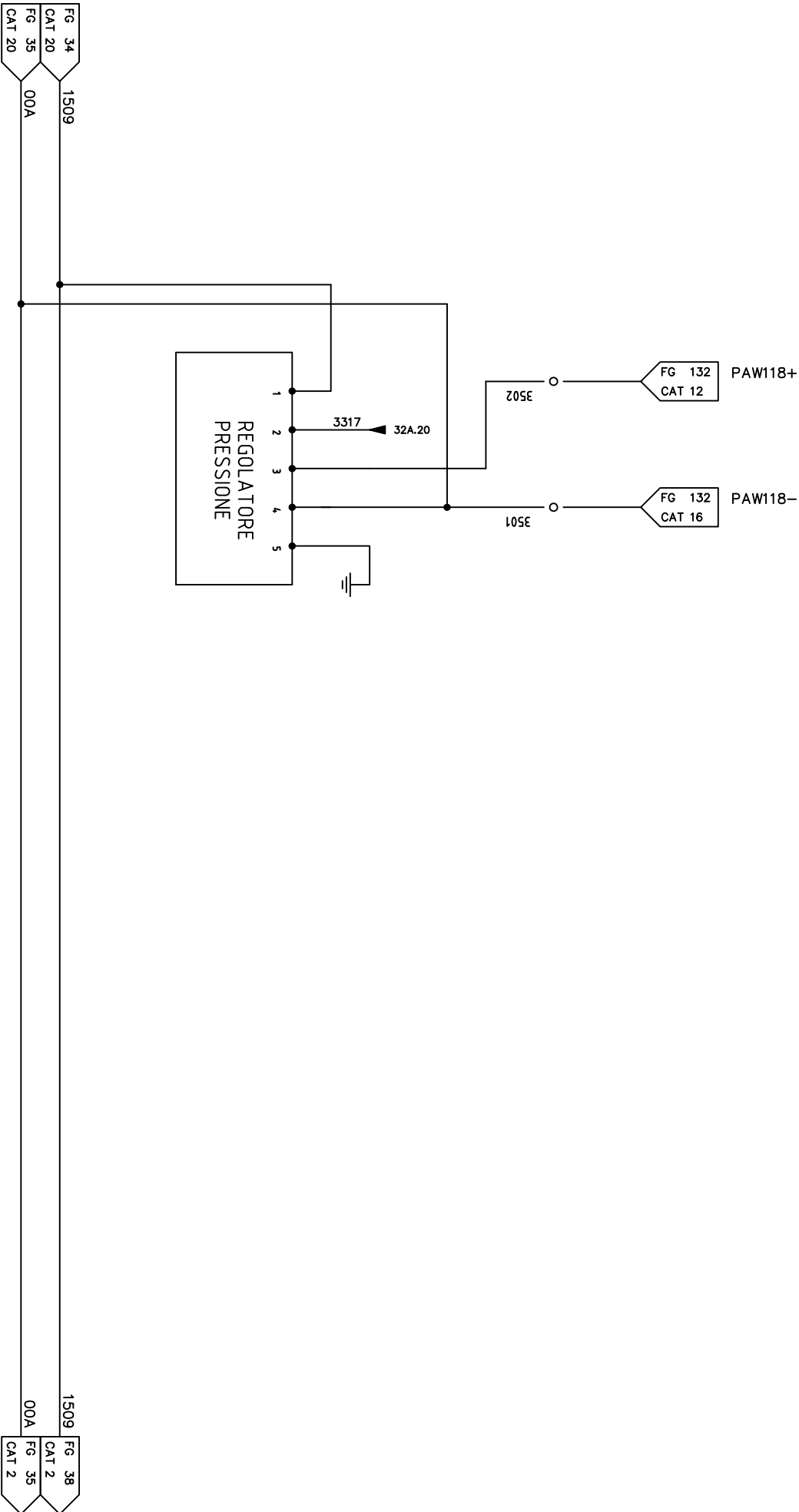


|                                                                                                                                                                                              |   |   |                                                                                                                              |             |   |                 |   |           |    |            |    |    |    |    |    |    |    |    |    |    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|------------------------------------------------------------------------------------------------------------------------------|-------------|---|-----------------|---|-----------|----|------------|----|----|----|----|----|----|----|----|----|----|
| 1                                                                                                                                                                                            | 2 | 3 | 4                                                                                                                            | 5           | 6 | 7               | 8 | 9         | 10 | 11         | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|  <b>SEA</b><br>Industriale<br>Sede operativa<br>Via G. Cesare 10<br>Pordenone (UD) Italy<br>Tel. 0431 9171194 |   |   | CLIENTE : <b>LEONARDO Divisione Elicotteri</b><br>Descrizione: <b>RETROFITTING PRESSA INSSSE-1</b><br><b>TERMOREGOLATORI</b> |             |   |                 |   |           |    |            |    |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                              |   |   | Commessa:                                                                                                                    | Data:       |   | Revisione:      |   | Foglio N° |    | Disegno N° |    |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                              |   |   | S1000153                                                                                                                     | 04/05/2018  |   | 00              |   | 32A       |    |            |    |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                              |   |   | Designatore:                                                                                                                 | File Name:  |   | Data revisione: |   | PRRC.     |    | SFG.       |    |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                              |   |   | SEA INDUSTRIALE                                                                                                              | S1000153_00 |   | 04/05/2018      |   | 32        |    | 33         |    |    |    |    |    |    |    |    |    |    |
| e-mail: info@seaindustriale.it                                                                                                                                                               |   |   |                                                                                                                              |             |   |                 |   |           |    |            |    |    |    |    |    |    |    |    |    |    |

|                                                                                                                                                                                          |   |   |   |   |   |   |   |   |    |    |                                          |    |    |    |    |    |    |    |    |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|----|------------------------------------------|----|----|----|----|----|----|----|----|----|
| 1                                                                                                                                                                                        | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12                                       | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| <div><div>Sede operativa<br/>Via G. Luraghi<br/>Pomigliano d'Arco (Na)<br/>Tel. 081 317 71 94</div></div> |   |   |   |   |   |   |   |   |    |    | CLIENTE : LEONARDO Divisione Elicotteri  |    |    |    |    |    |    |    |    |    |
| e-mail: info@seaindustrie.it                                                                                                                                                             |   |   |   |   |   |   |   |   |    |    | Descrizione: RETROFITTING PRESSA INSSE-1 |    |    |    |    |    |    |    |    |    |
| DISPONIBILE                                                                                                                                                                              |   |   |   |   |   |   |   |   |    |    | Commesse: S1000153                       |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                          |   |   |   |   |   |   |   |   |    |    | Data: 04/05/2018                         |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                          |   |   |   |   |   |   |   |   |    |    | File Name: S1000153_00                   |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                          |   |   |   |   |   |   |   |   |    |    | Disegnatore: SEA INDUSTRIALE             |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                          |   |   |   |   |   |   |   |   |    |    | Data revisione: 04/05/2018               |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                          |   |   |   |   |   |   |   |   |    |    | PRRC. 32A                                |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                          |   |   |   |   |   |   |   |   |    |    | SGC. 34                                  |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                          |   |   |   |   |   |   |   |   |    |    | Foglio N° 33                             |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                          |   |   |   |   |   |   |   |   |    |    | Disegno N°                               |    |    |    |    |    |    |    |    |    |

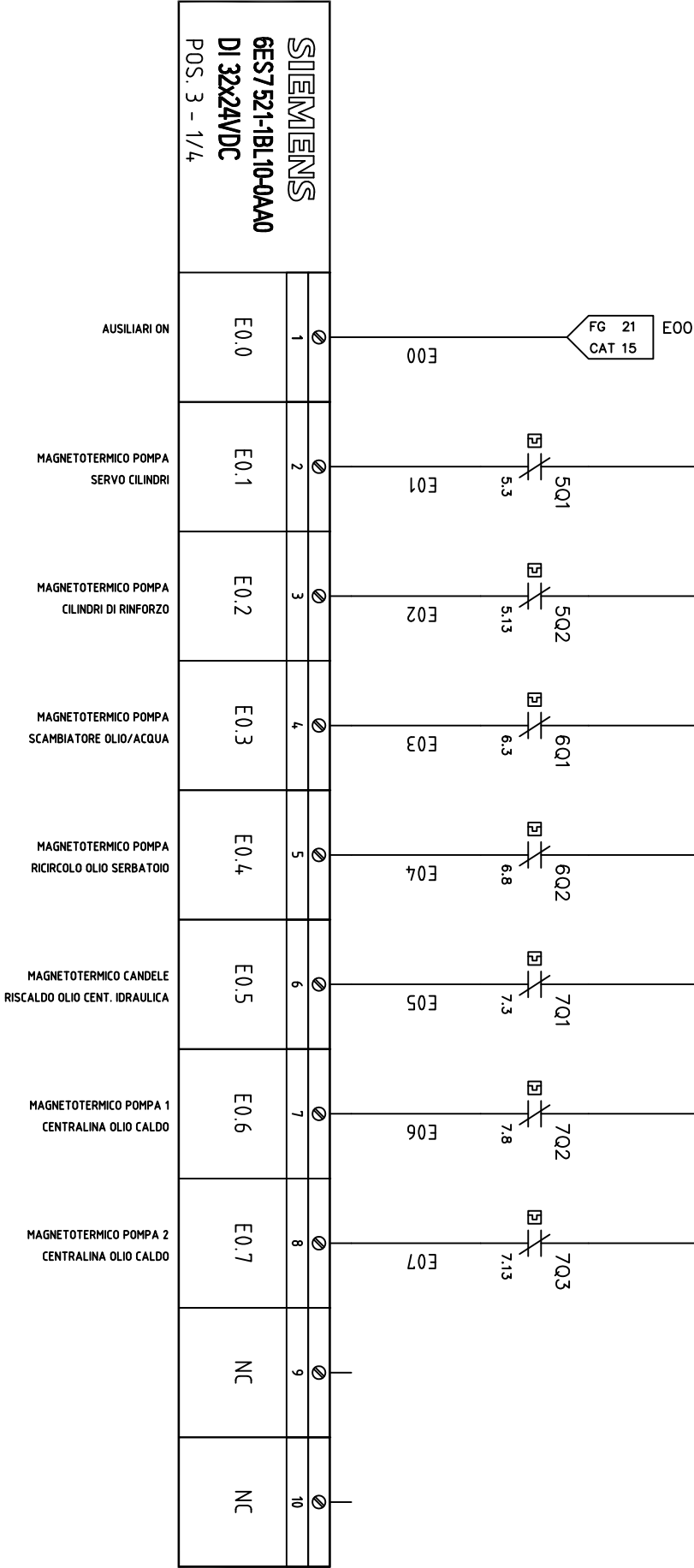


|                                       |   |   |                                                                                         |   |                                 |   |                                      |   |                        |    |                                                |    |    |    |    |    |    |    |    |    |
|---------------------------------------|---|---|-----------------------------------------------------------------------------------------|---|---------------------------------|---|--------------------------------------|---|------------------------|----|------------------------------------------------|----|----|----|----|----|----|----|----|----|
| 1                                     | 2 | 3 | 4                                                                                       | 5 | 6                               | 7 | 8                                    | 9 | 10                     | 11 | 12                                             | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|                                       |   |   | <b>Sede operativa</b><br>Via G. Luraghi<br>Pomigliano d'Arco (Na)<br>Tel. 081 317 71 94 |   |                                 |   |                                      |   |                        |    | <b>CLIENTE : LEONARDO Divisione Elicotteri</b> |    |    |    |    |    |    |    |    |    |
| <b>e-mail: info@seaindustriale.it</b> |   |   | <b>Descrizione: RETROFITTING PRESSA-1</b>                                               |   |                                 |   |                                      |   |                        |    | <b>TRASDUTTORI DI PRESSIONE</b>                |    |    |    |    |    |    |    |    |    |
|                                       |   |   | <b>Commissa:</b><br>S1000153                                                            |   | <b>Data:</b><br>04/05/2018      |   | <b>Revisione:</b><br>00              |   | <b>Foglio N°</b><br>34 |    | <b>Disegno N°</b>                              |    |    |    |    |    |    |    |    |    |
|                                       |   |   | <b>Disegnatore:</b><br>SEA INDUSTRIALE S1000153_00                                      |   | <b>File Name:</b><br>04/05/2018 |   | <b>Data revisione:</b><br>04/05/2018 |   | <b>PRRC.</b><br>33     |    | <b>SGC.</b><br>35                              |    |    |    |    |    |    |    |    |    |

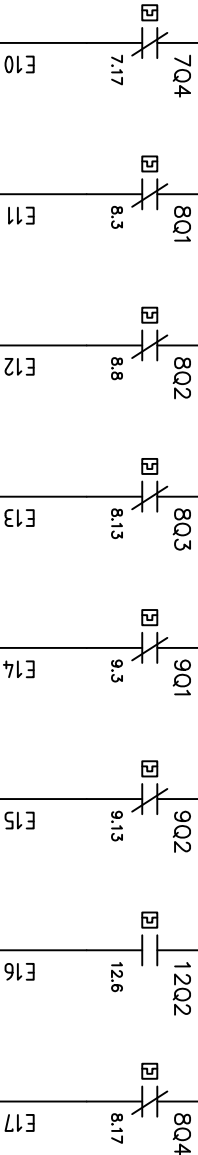
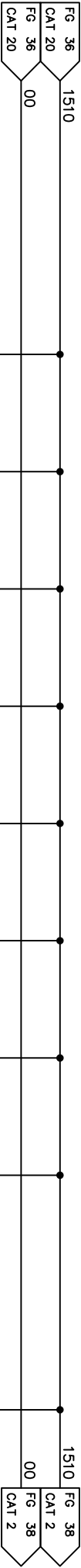


|                                                                                                                                                                                 |   |   |                                          |   |   |   |   |   |    |    |    |    |                                 |    |                           |    |                               |    |              |    |            |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|------------------------------------------|---|---|---|---|---|----|----|----|----|---------------------------------|----|---------------------------|----|-------------------------------|----|--------------|----|------------|--|
| 1                                                                                                                                                                               | 2 | 3 | 4                                        | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14                              | 15 | 16                        | 17 | 18                            | 19 | 20           | 21 |            |  |
|  <div>Sede operativa<br/>Via G. Luraghi<br/>Pomigliano d'Arco (No)<br/>Tel. 081 317 71 94</div> |   |   | CLIENTE : LEONARDO Divisione Elicotteri  |   |   |   |   |   |    |    |    |    | Commessa:<br>S1000153           |    | Data:<br>04/05/2018       |    | Revisione:<br>00              |    | Foglio N° 35 |    | Disegno N° |  |
| e-mail: info@seaindustriale.it                                                                                                                                                  |   |   | Descrizione: RETROFITTING PRESSA INSSE-1 |   |   |   |   |   |    |    |    |    | Disegnatore:<br>SEA INDUSTRIALE |    | File Name:<br>S1000153_00 |    | Data revisione:<br>04/05/2018 |    | PRRC.<br>34  |    |            |  |
|                                                                                                                                                                                 |   |   | REGOLAZIONE PRESSIONE                    |   |   |   |   |   |    |    |    |    |                                 |    |                           |    |                               |    |              |    |            |  |

|        |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |       |
|--------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|------|-------|
| FG 32A | 1510 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1510 | FG 37 |
| CAT 20 |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      | CAT 2 |
| FG 27  | 00   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 00   | FG 37 |
| CAT 20 |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      | CAT 2 |



|                                                                                                                                                                                          |   |   |   |   |   |   |   |   |    |                                                    |                                 |                                      |                     |                   |                   |    |    |    |    |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|----------------------------------------------------|---------------------------------|--------------------------------------|---------------------|-------------------|-------------------|----|----|----|----|----|
| 1                                                                                                                                                                                        | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                                 | 12                              | 13                                   | 14                  | 15                | 16                | 17 | 18 | 19 | 20 | 21 |
|  <b>SEA</b><br>Sede operativa<br>Via G. Luraghi<br>Pomplano d'Acq (No)<br>INDUSTRIALE Tel. 081 317 71 94 |   |   |   |   |   |   |   |   |    | <b>CLIENTE : LEONARDO Divisione Elicotteri</b>     |                                 |                                      |                     |                   |                   |    |    |    |    |    |
| e-mail: info@seaindustrie.it                                                                                                                                                             |   |   |   |   |   |   |   |   |    | <b>Descrizione: RETROFITTING PRESSA INSSE-1</b>    |                                 |                                      |                     |                   |                   |    |    |    |    |    |
|                                                                                                                                                                                          |   |   |   |   |   |   |   |   |    | <b>INGRESSI DIGITALI</b>                           |                                 |                                      |                     |                   |                   |    |    |    |    |    |
|                                                                                                                                                                                          |   |   |   |   |   |   |   |   |    | <b>Commissa:</b><br>S1000153                       | <b>Data:</b><br>04/05/2018      | <b>Revisione:</b><br>00              | <b>Foglio N° 36</b> |                   | <b>Disegno N°</b> |    |    |    |    |    |
|                                                                                                                                                                                          |   |   |   |   |   |   |   |   |    | <b>Disegnatore:</b><br>SEA INDUSTRIALE S1000153_00 | <b>File Name:</b><br>04/05/2018 | <b>Data revisione:</b><br>04/05/2018 | <b>PRRC.</b><br>35  | <b>SGC.</b><br>37 |                   |    |    |    |    |    |



|                                                               |      |      |      |      |      |      |      |      |    |    |
|---------------------------------------------------------------|------|------|------|------|------|------|------|------|----|----|
| SIEMENS<br>6ES7 521-1BL10-0AA0<br>DI 32x24VDC<br>POS. 3 - 2/4 | ②    | ②    | ②    | ②    | ②    | ②    | ②    | ②    | ②  | ②  |
|                                                               | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19 | 20 |
|                                                               | E1.0 | E1.1 | E1.2 | E1.3 | E1.4 | E1.5 | E1.6 | E1.7 | NC | M  |

MAGNETOTERMICO POMPA 3  
CENTRALINA OLIO CALDO

MAGNETOTERMICO POMPA 4  
CENTRALINA OLIO CALDO

MAGNETOTERMICO POMPA 5  
CENTRALINA OLIO CALDO

MAGNETOTERMICO POMPA 6  
CENTRALINA OLIO CALDO

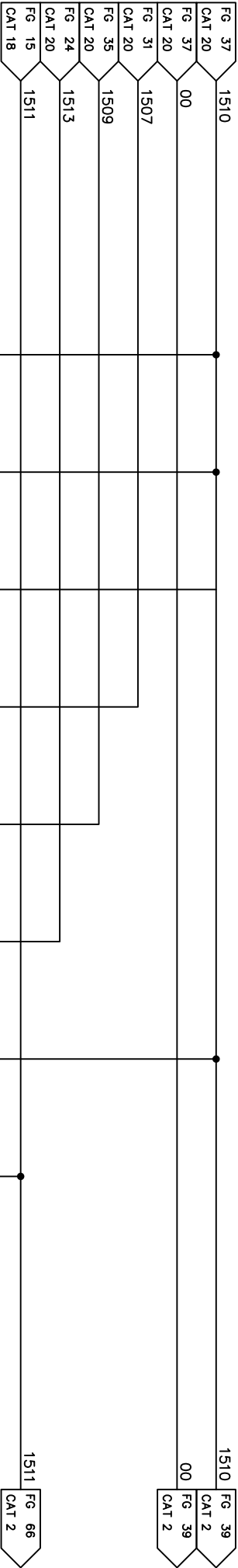
MAGNETOTERMICO MOTORI  
TRASLAZIONE CARRI

MAGNETOTERMICO MOTORI  
CARICAMENTO STAMPI

MAGNETOTERMICO  
TRASFORMATORE 12T2

MAGNETOTERMICO POMPA  
CENTRALE CHIAVISTELLI

|                                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |   |   |   |    |                                                                                           |    |                                                                |    |                       |    |    |    |    |    |    |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|-------------------------------------------------------------------------------------------|----|----------------------------------------------------------------|----|-----------------------|----|----|----|----|----|----|--|
| 1                                                                                                                                                                                                                                                                                                                                                                                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                                                                        | 12 | 13                                                             | 14 | 15                    | 16 | 17 | 18 | 19 | 20 | 21 |  |
| <div><div><div><div>Sede operativa</div><div>Via G. Luraghi</div><div>Pomigino d'Acq (No)</div><div>INDUSTRIALE Tel. 081 317 71 94</div></div></div><div><div>CLIENTE : LEONARDO Divisione Elicotteri</div><div>Descrizione: RETROFITTING PRESSA INSSE-1</div><div>INGRESSI DIGITALI</div></div></div> |   |   |   |   |   |   |   |   |    | <div>Commesse: S1000153</div> <div>Data: 04/05/2018</div> <div>Revisione: 00</div>        |    | <div>Foglio N° 37</div> <div>PRRC. 36</div> <div>SGC. 38</div> |    | <div>Disegno N°</div> |    |    |    |    |    |    |  |
| e-mail: info@seaindustrie.it                                                                                                                                                                                                                                                                                                                                                          |   |   |   |   |   |   |   |   |    | <div>Disegnatore: SEA INDUSTRIALE S1000153_00</div> <div>Data revisione: 04/05/2018</div> |    | PRRC. 36                                                       |    | SGC. 38               |    |    |    |    |    |    |  |



|                     |    |    |    |    |    |    |    |    |    |
|---------------------|----|----|----|----|----|----|----|----|----|
| SIEMENS             |    |    |    |    |    |    |    |    |    |
| 6ES7 521-1BL10-0AA0 |    |    |    |    |    |    |    |    |    |
| DI 32x24VDC         |    |    |    |    |    |    |    |    |    |
| POS. 3 - 3/4        |    |    |    |    |    |    |    |    |    |
| E2.0                | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
|                     | 30 |    |    |    |    |    |    |    |    |
| E2.1                |    |    |    |    |    |    |    |    |    |
| E2.2                |    |    |    |    |    |    |    |    |    |
| E2.3                |    |    |    |    |    |    |    |    |    |
| E2.4                |    |    |    |    |    |    |    |    |    |
| E2.5                |    |    |    |    |    |    |    |    |    |
| E2.6                |    |    |    |    |    |    |    |    |    |
| E2.7                |    |    |    |    |    |    |    |    |    |
| NC                  |    |    |    |    |    |    |    |    |    |
| NC                  |    |    |    |    |    |    |    |    |    |

AUTOMATICO ALIM.SERVIZI

AUTOMATICO ALIM.ELETTROVALVOLE

AUTOMATICO ALIM.24Vdc

ALIMENTAZIONE 24Vdc ENCODER SERIALI

ALIMENTAZIONE 24Vdc AMPLIF.SENSORI DI PRESSIONE

ALIMENTAZIONE 24Vdc PANNELLI OPERATIVI

ALIMENTAZIONE 24Vdc INGRESSI DIGITALI

ALIMENTAZIONE 24Vdc USCITE DIGITALI

|                                                                                  |   |   |                                                           |   |   |                                          |   |   |    |    |    |    |    |    |    |                                          |    |                        |    |                            |  |              |  |            |  |
|----------------------------------------------------------------------------------|---|---|-----------------------------------------------------------|---|---|------------------------------------------|---|---|----|----|----|----|----|----|----|------------------------------------------|----|------------------------|----|----------------------------|--|--------------|--|------------|--|
| 1                                                                                | 2 | 3 | 4                                                         | 5 | 6 | 7                                        | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17                                       | 18 | 19                     | 20 | 21                         |  |              |  |            |  |
|  |   |   | Sede operativa<br>Via G. Luraghi<br>Pomigiano d'Adda (No) |   |   | CLIENTE : LEONARDO Divisione Elicotteri  |   |   |    |    |    |    |    |    |    | Commissa: S1000153                       |    | Data: 04/05/2018       |    | Revisione: 00              |  | Foglio N° 38 |  | Disegno N° |  |
| INDUSTRIALE Tel. 081 317 71 94                                                   |   |   | e-mail: info@secdindustriale.it                           |   |   | Descrizione: RETROFITTING PRESSA INSSE-1 |   |   |    |    |    |    |    |    |    | Disegnatore: SEA INDUSTRIALE S1000153_00 |    | File Name: S1000153_00 |    | Data revisione: 04/05/2018 |  | PRRC. 37     |  | SBC. 39    |  |
|                                                                                  |   |   |                                                           |   |   | INGRESSI DIGITALI                        |   |   |    |    |    |    |    |    |    |                                          |    |                        |    |                            |  |              |  |            |  |

FG 38

CAT 20

FG 38

CAT 20

1510

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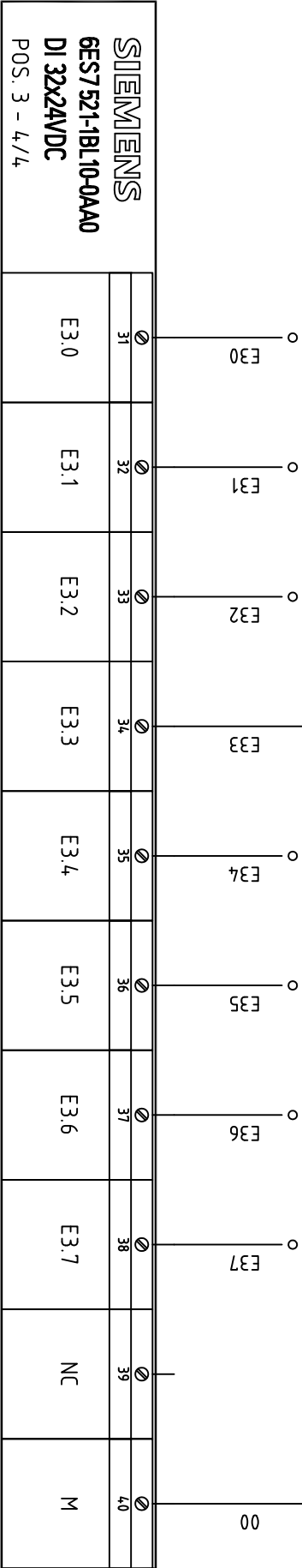
1510

FG 40

CAT 2

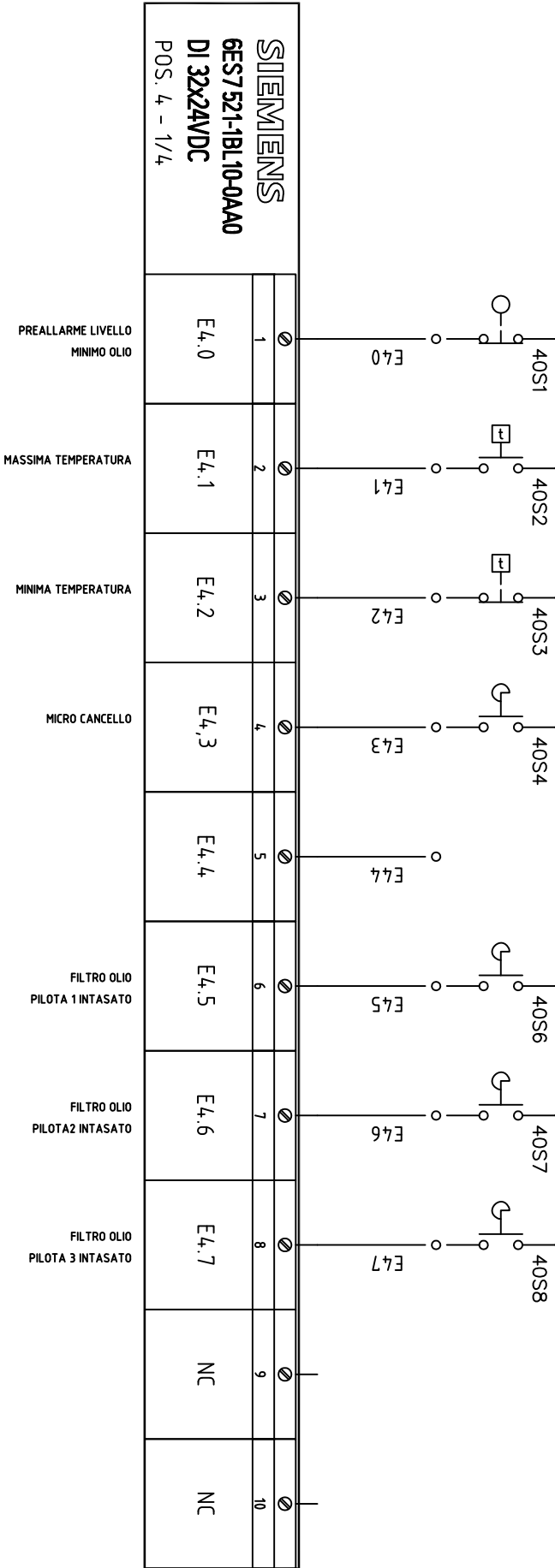
FG 40

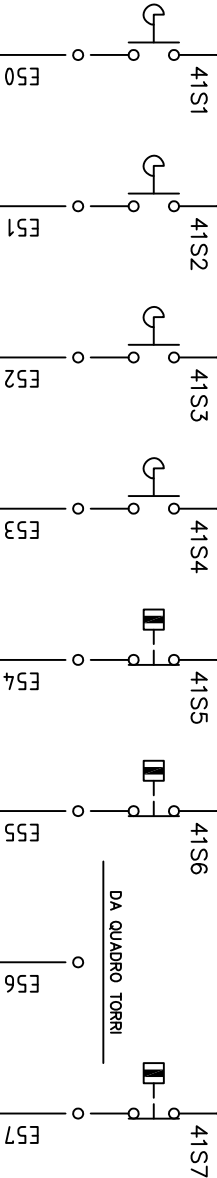
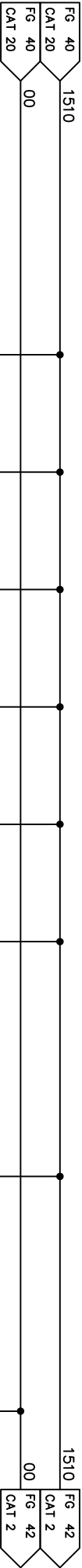
CAT 2



|                                                                                                                                                                                 |   |   |   |   |   |   |   |   |    |                                          |    |                       |    |                            |    |              |    |            |    |    |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|------------------------------------------|----|-----------------------|----|----------------------------|----|--------------|----|------------|----|----|--|
| 1                                                                                                                                                                               | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13                    | 14 | 15                         | 16 | 17           | 18 | 19         | 20 | 21 |  |
|  <div>Sede operativa<br/>Via G. Luraghi<br/>Pomigliano d'Arco (No)<br/>Tel. 081 317 71 94</div> |   |   |   |   |   |   |   |   |    | CLIENTE : LEONARDO Divisione Elicotteri  |    |                       |    |                            |    |              |    |            |    |    |  |
| e-mail: info@seaindustrie.it                                                                                                                                                    |   |   |   |   |   |   |   |   |    | Descrizione: RETROFITTING PRESSA INSSE-1 |    |                       |    |                            |    |              |    |            |    |    |  |
|                                                                                                                                                                                 |   |   |   |   |   |   |   |   |    | INGRESSI DIGITALI                        |    |                       |    |                            |    |              |    |            |    |    |  |
|                                                                                                                                                                                 |   |   |   |   |   |   |   |   |    | Commessa: S1000153                       |    | Data: 04/05/2018      |    | Revisione: 00              |    | Foglio N° 39 |    | Disegno N° |    |    |  |
|                                                                                                                                                                                 |   |   |   |   |   |   |   |   |    | Disegnatore: SEA INDUSTRIALE S1000153_00 |    | File Name: 04/05/2018 |    | Data revisione: 04/05/2018 |    | PRRC. 38     |    | SBC. 40    |    |    |  |







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| SIEMENS             |    |    |
| 6ES7 521-1BL10-0AA0 |    |    |
| DI 32x24VDC         |    |    |
| POS. 4 - 2/4        |    |    |
|                     | 11 | 12 |
| E5.0                |    |    |
| E5.1                |    |    |
| E5.2                |    |    |
| E5.3                |    |    |
| E5.4                |    |    |
| E5.5                |    |    |
| E5.6                |    |    |
| E5.7                |    |    |
| NC                  | 19 | 20 |
| M                   |    |    |

FILTRO OLIO  
PILOTA 4 INTASATO

FILTRO OLIO  
SERVOCILINDRO 1 INTASATO

FILTRO OLIO  
SERVOCILINDRO 2 INTASATO

FILTRO OLIO  
RICIRCOLO INTASATO

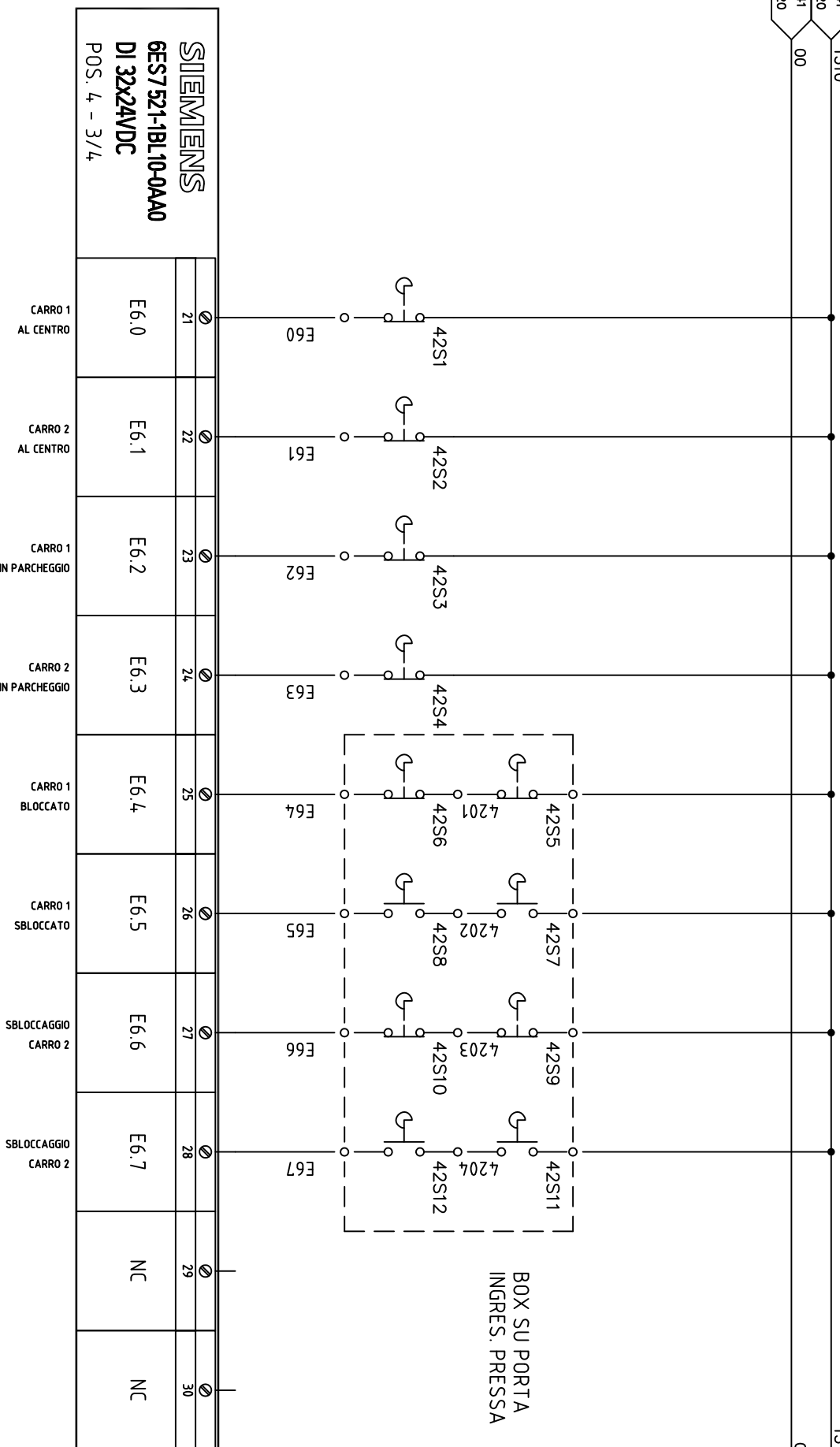
BASSA PRESSIONE  
OLIO SERVOCILINDRI

BASSA PRESSIONE  
OLIO RICIRCOLO

ARRESTO PER  
AVARIA TORRI

BASSA PRESSIONE ARIA

|                                |   |   |                                                         |   |   |   |   |   |    |    |    |    |                                          |    |                       |    |                            |    |               |    |              |  |
|--------------------------------|---|---|---------------------------------------------------------|---|---|---|---|---|----|----|----|----|------------------------------------------|----|-----------------------|----|----------------------------|----|---------------|----|--------------|--|
| 1                              | 2 | 3 | 4                                                       | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14                                       | 15 | 16                    | 17 | 18                         | 19 | 20            | 21 |              |  |
|                                |   |   | Sede operativa<br>Via G. Luraghi<br>Pomplano d'Acq (No) |   |   |   |   |   |    |    |    |    | CLIENTE : LEONARDO Divisione Elicotteri  |    | Commissa: S1000153    |    | Data: 04/05/2018           |    | Revisione: 00 |    | Foglio N° 41 |  |
| INDUSTRIALE Tel. 081 317 71 94 |   |   | Descrizione: RETROFITTING PRESSA INSSE-1                |   |   |   |   |   |    |    |    |    | Disegnatore: SEA INDUSTRIALE S1000153_00 |    | File Name: 04/05/2018 |    | Data revisione: 04/05/2018 |    | PRRC. 40      |    | SBC. 42      |  |
| e-mail: info@seaindustrie.it   |   |   | INGRESSI DIGITALI                                       |   |   |   |   |   |    |    |    |    |                                          |    |                       |    |                            |    |               |    |              |  |

[illegible]

|                                                                                                                                              |   |   |                                                                                                                               |   |                                      |   |                         |   |                        |    |                   |    |    |    |    |    |    |    |    |    |
|----------------------------------------------------------------------------------------------------------------------------------------------|---|---|-------------------------------------------------------------------------------------------------------------------------------|---|--------------------------------------|---|-------------------------|---|------------------------|----|-------------------|----|----|----|----|----|----|----|----|----|
| 1                                                                                                                                            | 2 | 3 | 4                                                                                                                             | 5 | 6                                    | 7 | 8                       | 9 | 10                     | 11 | 12                | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|  <b>SEA</b><br>Seda operativa<br>Via G. Luraghi<br>10010 (Aa) |   |   | <b>CLIENTE : LEONARDO Divisione Elicotteri</b><br><b>Descrizione: RETROFITTING PRESSA INSSE-1</b><br><b>INGRESSI DIGITALI</b> |   |                                      |   |                         |   |                        |    |                   |    |    |    |    |    |    |    |    |    |
| <b>INDUSTRIALE</b><br>Tel. 081 317 71 94<br>e-mail: info@secdindustriale.it                                                                  |   |   | <b>Commissa:</b><br>SJ000153                                                                                                  |   | <b>Data:</b><br>04/05/2018           |   | <b>Revisione:</b><br>00 |   | <b>Foglio N°</b><br>42 |    | <b>Disegno N°</b> |    |    |    |    |    |    |    |    |    |
| <b>Disegnatore:</b><br>SEA INDUSTRIALE<br>SJ000153_00                                                                                        |   |   | <b>File Name:</b><br>04/05/2018                                                                                               |   | <b>Data revisione:</b><br>04/05/2018 |   | <b>PRRC:</b><br>41      |   | <b>SEG:</b><br>43      |    |                   |    |    |    |    |    |    |    |    |    |

FG 42  
CAT 20

1510

FG 42  
CAT 20

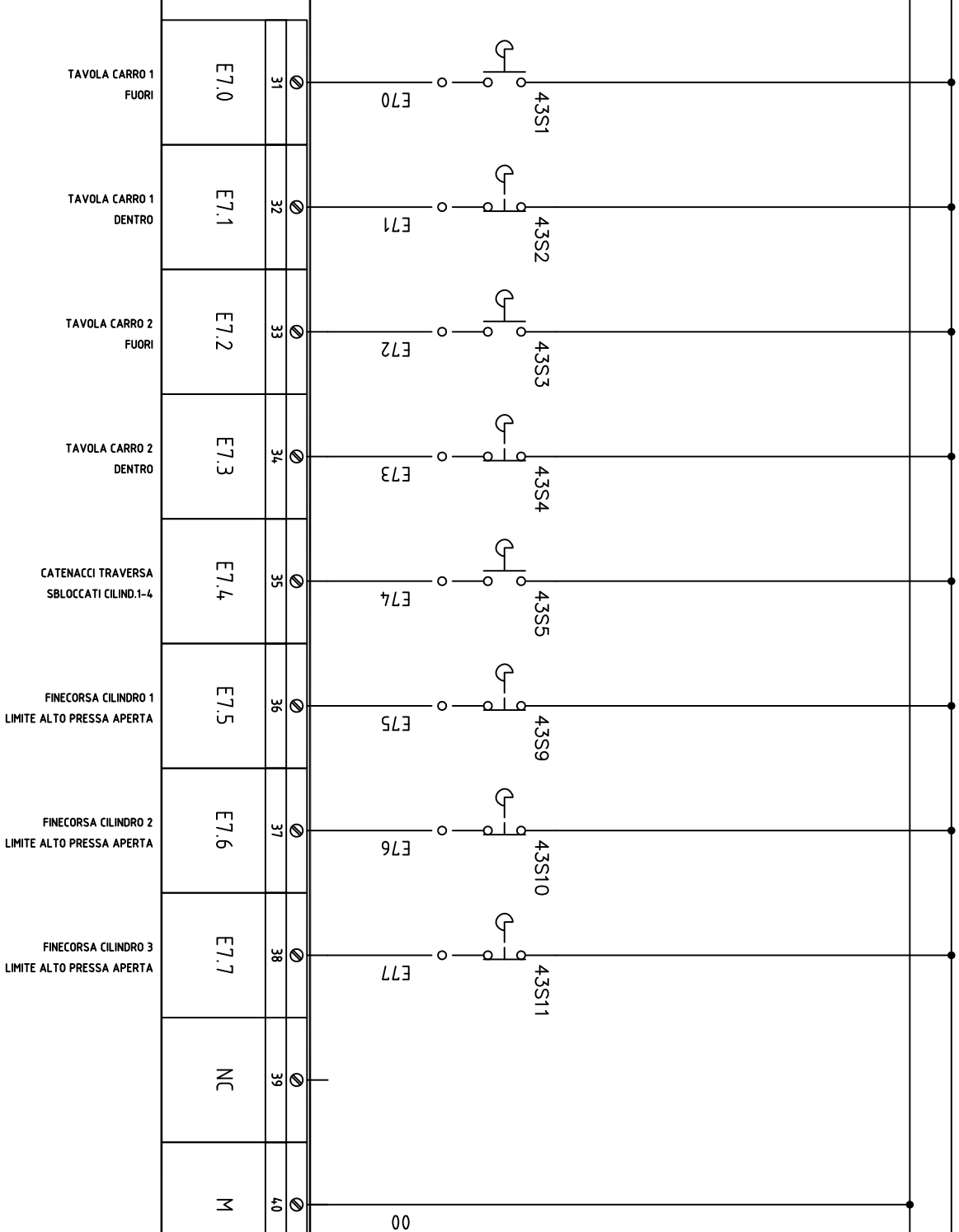
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FG 44  
CAT 2

1510

FG 44  
CAT 2

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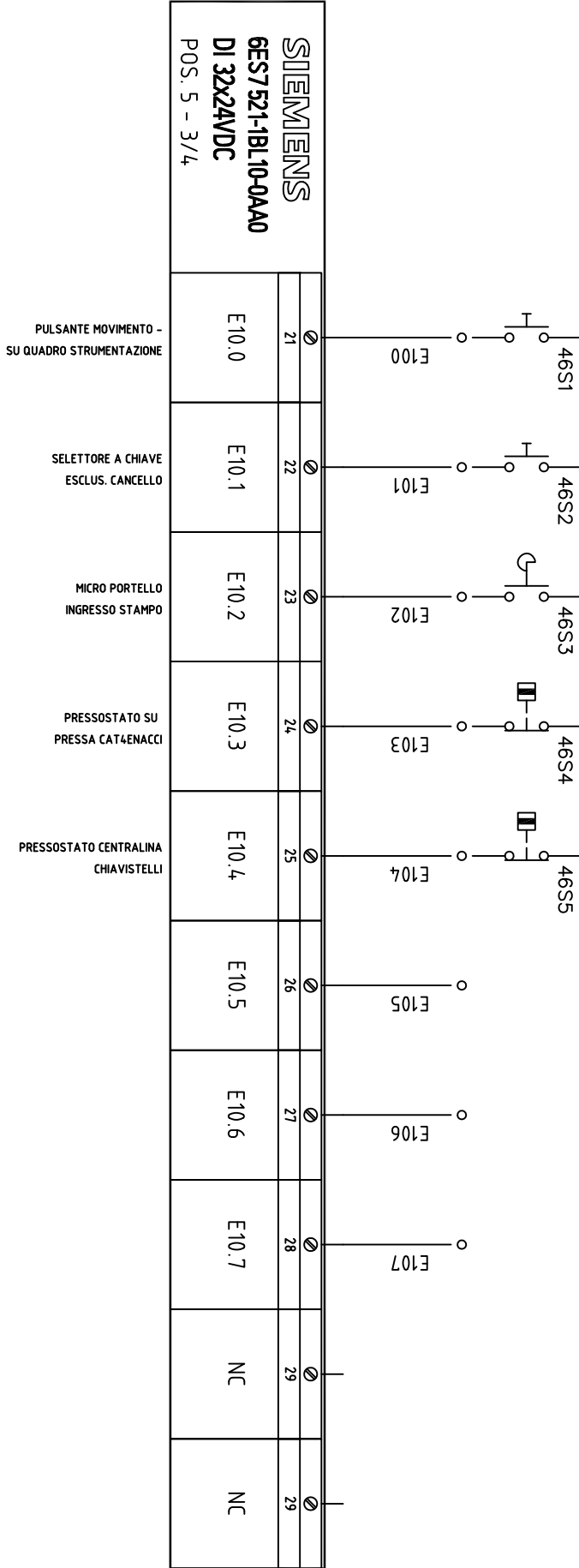
|                                                   |      |    |    |
|---------------------------------------------------|------|----|----|
| <b>SIEMENS</b>                                    |      |    |    |
| <b>6ES7 521-1BL10-0AA0</b>                        |      |    |    |
| <b>DI 32x24VDC</b>                                |      |    |    |
| POS. 4 - 4/4                                      |      |    |    |
| TAVOLA CARRO 1<br>FUORI                           | E7.0 | 31 | 31 |
|                                                   | E7.1 | 32 | 32 |
| TAVOLA CARRO 1<br>DENTRO                          | E7.1 | 32 | 32 |
| TAVOLA CARRO 2<br>FUORI                           | E7.2 | 33 | 33 |
| TAVOLA CARRO 2<br>DENTRO                          | E7.3 | 34 | 34 |
| CATENACCI TRAVERSA<br>SBLOCCATI CILIND.1-4        | E7.4 | 35 | 35 |
| FINECORSO CILINDRO 1<br>LIMITE ALTO PRESSA APERTA | E7.5 | 36 | 36 |
| FINECORSO CILINDRO 2<br>LIMITE ALTO PRESSA APERTA | E7.6 | 37 | 37 |
| FINECORSO CILINDRO 3<br>LIMITE ALTO PRESSA APERTA | E7.7 | 38 | 38 |
|                                                   | NC   | 39 | 39 |
|                                                   | M    | 40 | 40 |

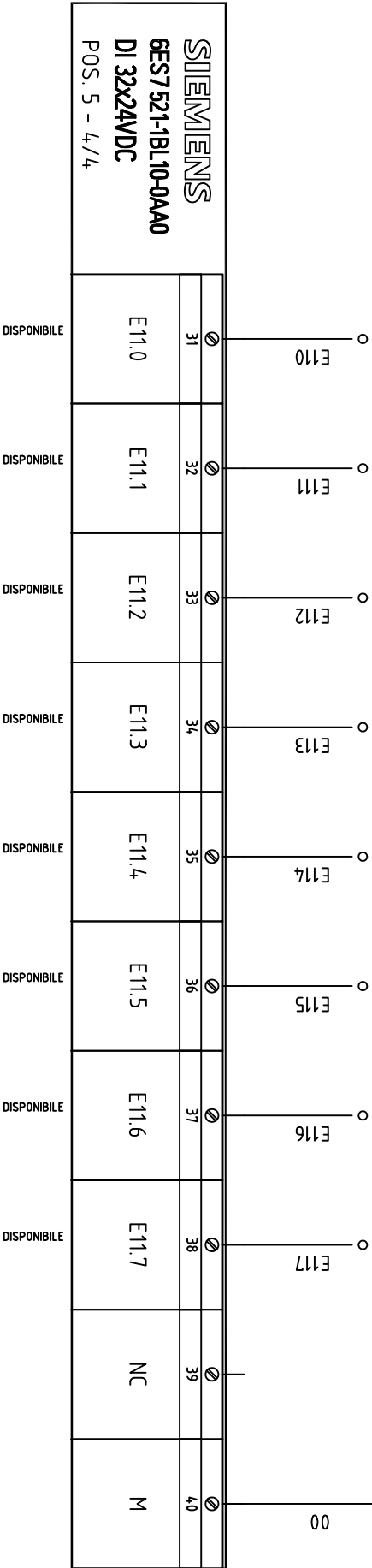
|                                                                          |   |   |   |                                                                                                                                           |   |   |   |   |    |    |    |    |                                                       |    |                                                    |    |    |    |    |    |
|--------------------------------------------------------------------------|---|---|---|-------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|----|----|----|----|-------------------------------------------------------|----|----------------------------------------------------|----|----|----|----|----|
| 1                                                                        | 2 | 3 | 4 | 5                                                                                                                                         | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14                                                    | 15 | 16                                                 | 17 | 18 | 19 | 20 | 21 |
|                                                                          |   |   |   | <div><div>Sede operativa<br/>Via G. Luraghi<br/>Pompiano d'Arco (No)</div><div><b>CLIENTE : LEONARDO Divisione Elicotteri</b></div></div> |   |   |   |   |    |    |    |    |                                                       |    |                                                    |    |    |    |    |    |
| e-mail: info@seaindustrie.it                                             |   |   |   | <div><div>Descrizione: RETROFITTING PRESSA INSSE-1</div><div>INGRESSI DIGITALI</div></div>                                                |   |   |   |   |    |    |    |    |                                                       |    |                                                    |    |    |    |    |    |
| <div><div>Commissa: S1000153</div><div>Data: 04/05/2018</div></div>      |   |   |   |                                                                                                                                           |   |   |   |   |    |    |    |    | <div><div>Foglio N° 43</div><div>PRRC. 42</div></div> |    | <div><div>Disegnò N°</div><div>SGC. 44</div></div> |    |    |    |    |    |
| <div><div>Disegnatore: SEA INDUSTRIALE</div><div>S1000153_00</div></div> |   |   |   |                                                                                                                                           |   |   |   |   |    |    |    |    | <div><div>File Name:</div><div>04/05/2018</div></div> |    | <div><div>Disegno N°</div></div>                   |    |    |    |    |    |

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|--------------------------------|---|---|----------------------------------------------------------------------|---|---|---|---|---|----|----|-------------------------------------------------|----|------------------------------|----|-----------------------------------|----|---------------------|----|-------------------|----|--|
| 1                              | 2 | 3 | 4                                                                    | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12                                              | 13 | 14                           | 15 | 16                                | 17 | 18                  | 19 | 20                | 21 |  |
|                                |   |   | <b>CLIENTE :</b> LEONARDO Divisione Elicotteri                       |   |   |   |   |   |    |    | <b>Commissa:</b> S1000153                       |    | <b>Data:</b> 04/05/2018      |    | <b>Revisione:</b> 00              |    | <b>Foglio N°</b> 47 |    | <b>Disegno N°</b> |    |  |
| e-mail: info@seaindustriale.it |   |   | <b>Descrizione:</b> RETROFITTING PRESSA INSSE-1<br>INGRESSI DIGITALI |   |   |   |   |   |    |    | <b>Disegnatore:</b> SEA INDUSTRIALE S1000153_00 |    | <b>File Name:</b> 04/05/2018 |    | <b>Data revisione:</b> 04/05/2018 |    | <b>PRRC.</b> 46     |    | <b>SEC.</b> 60    |    |  |



| SIEMENS             |  |      |  |      |  |      |  |      |  |
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| 6ES7 522-1BL10-0AA0 |  |      |  |      |  |      |  |      |  |
| DQ 32x24VDC         |  |      |  |      |  |      |  |      |  |
| POS. 6 - 1/4        |  |      |  |      |  |      |  |      |  |
| A0.0                |  | A0.1 |  | A0.2 |  | A0.3 |  | A0.4 |  |
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| SIEMENS                                                                               |                                                                                       |                                                                                       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 6ES7 522-1BL10-0AA0                                                                   |                                                                                       |                                                                                       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| DD 32x24VDC                                                                           |                                                                                       |                                                                                       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| POS. 6 - 2/4                                                                          |                                                                                       |                                                                                       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| A1.0                                                                                  | A1.1                                                                                  | A1.2                                                                                  | A1.3                                                                                | A1.4                                                                                | A1.5                                                                                | A1.6                                                                                | A1.7                                                                                  | 2L +                                                                                  | 2M                                                                                    |
| 11                                                                                    | 12                                                                                    | 13                                                                                    | 14                                                                                  | 15                                                                                  | 16                                                                                  | 17                                                                                  | 18                                                                                    | 19                                                                                    | 20                                                                                    |
|  |  |  |  |  |  |  |  |  |  |

MOTORE POMPA 4  
CENTRAL. OLIO CALDO

MOTORE POMPA 5  
CENTRAL. OLIO CALDO

MOTORE POMPA 6  
CENTRAL. OLIO CALDO

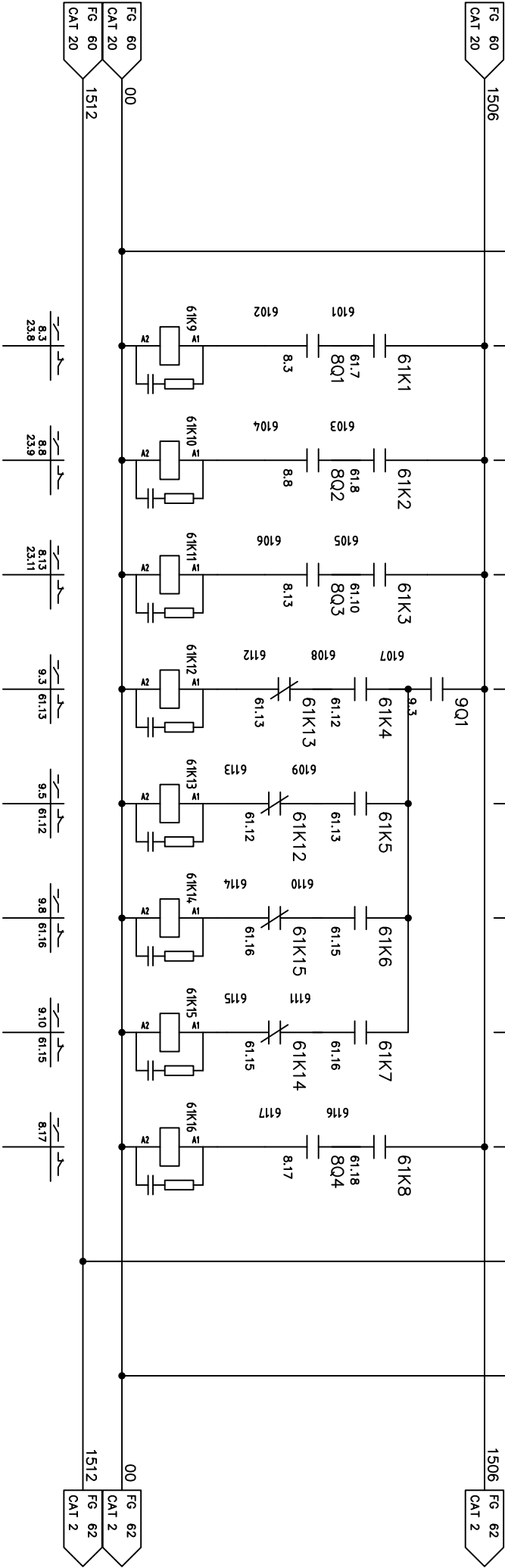
CARICAMENTO STAMPO  
CARRO 1 INDIETRO

CARICAMENTO STAMPO 1  
IN PRESSA

TRASLAZIONE CARRO 2  
AVANTI

TRASLAZIONE CARRO 2  
INDIETRO

CENTRAL. IDRAULICA  
COMANDO CHIAVISTELLI

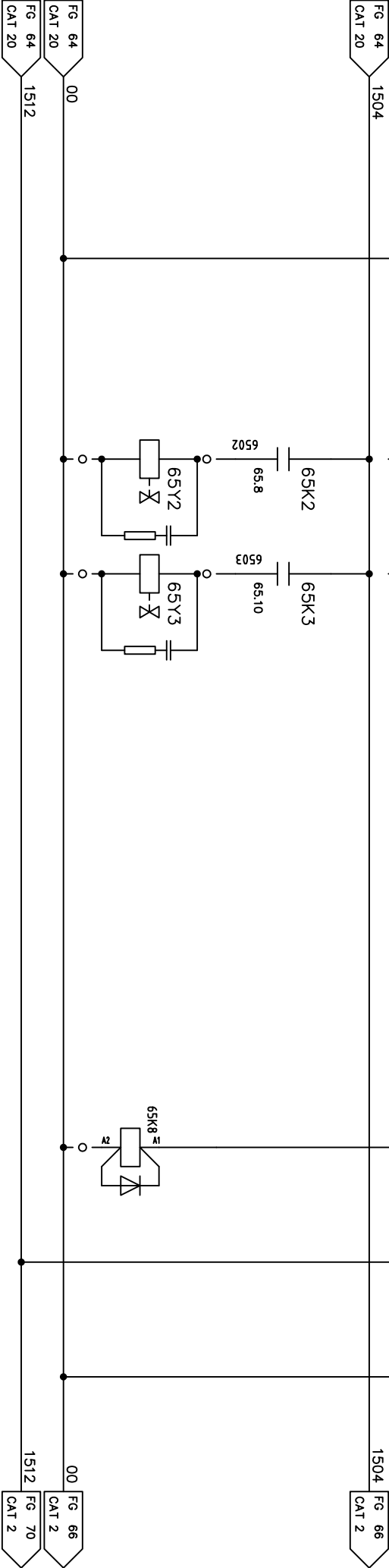
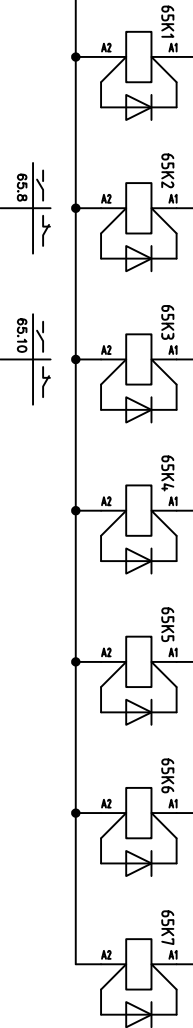






| SIEMENS             |  |  |  |  |  |  |  |  |  | ELETTROVALVOLA DISINSERZIONE CATENACCI              |  |
|---------------------|--|--|--|--|--|--|--|--|--|-----------------------------------------------------|--|
| 6ES7 522-1BL10-0AA0 |  |  |  |  |  |  |  |  |  | ELETTROVALVOLA ALTA PRESSIONE CILINDRI DI TON       |  |
| DQ 32x24VDC         |  |  |  |  |  |  |  |  |  | ELETTROVALVOLA DECOMPRES. CILINDRI DI TON           |  |
| POS. 7 - 1/4        |  |  |  |  |  |  |  |  |  | ELETTROVALVOLA CHIAVISTELLI SUPPORTO STAMPO ABBASSA |  |
|                     |  |  |  |  |  |  |  |  |  | ELETTROVALVOLA ZONA 3                               |  |
|                     |  |  |  |  |  |  |  |  |  | ELETTROVALVOLA ZONA 4                               |  |
|                     |  |  |  |  |  |  |  |  |  | ELETTROVALVOLA ZONA 5                               |  |
|                     |  |  |  |  |  |  |  |  |  | ELETTROVALVOLA ZONA 6                               |  |
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| SIEMENS             |      |      |      |      |      |      |      |     |    |  |  |  |  |  |  |
|---------------------|------|------|------|------|------|------|------|-----|----|--|--|--|--|--|--|
| 6ES7 522-1BL10-0AA0 |      |      |      |      |      |      |      |     |    |  |  |  |  |  |  |
| DU 32x24VDC         |      |      |      |      |      |      |      |     |    |  |  |  |  |  |  |
| POS. 7 - 2/4        |      |      |      |      |      |      |      |     |    |  |  |  |  |  |  |
| A5.0                | A5.1 | A5.2 | A5.3 | A5.4 | A5.5 | A5.6 | A5.7 | 2L+ | 2M |  |  |  |  |  |  |
| 11                  | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19  | 20 |  |  |  |  |  |  |
| ☑                   | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑   | ☑  |  |  |  |  |  |  |



|                                     |   |   |                                                                                   |   |   |                                                                                                                      |   |   |                      |    |    |                     |    |    |            |    |    |    |    |    |  |
|-------------------------------------|---|---|-----------------------------------------------------------------------------------|---|---|----------------------------------------------------------------------------------------------------------------------|---|---|----------------------|----|----|---------------------|----|----|------------|----|----|----|----|----|--|
| 1                                   | 2 | 3 | 4                                                                                 | 5 | 6 | 7                                                                                                                    | 8 | 9 | 10                   | 11 | 12 | 13                  | 14 | 15 | 16         | 17 | 18 | 19 | 20 | 21 |  |
|                                     |   |   | Sede operativa<br>Via G. Luraghi<br>Roniglione d'Aceto (No)<br>Tel. 081 317 71 94 |   |   | CLIENTE : <u>LEONARDO Divisione Elicotteri</u><br>Descrizione: <u>RETROFITTING PRESSA INSSE-1</u><br>OUTPUT DIGITALI |   |   |                      |    |    |                     |    |    |            |    |    |    |    |    |  |
| e-mail: <u>info@seaindustrie.it</u> |   |   | Commessa: <u>S1000153</u>                                                         |   |   | Data: <u>04/05/2018</u>                                                                                              |   |   | Revisione: <u>00</u> |    |    | Foglio N° <u>65</u> |    |    | Disegno N° |    |    |    |    |    |  |
| Disegnatore: <u>SEA INDUSTRIALE</u> |   |   | File Name: <u>S1000153_00</u>                                                     |   |   | Data revisione: <u>04/05/2018</u>                                                                                    |   |   | PRC. <u>64</u>       |    |    | SGC. <u>66</u>      |    |    |            |    |    |    |    |    |  |



|                                                               |  |             |      |             |      |             |      |             |      |             |    |             |  |             |  |             |  |             |  |
|---------------------------------------------------------------|--|-------------|------|-------------|------|-------------|------|-------------|------|-------------|----|-------------|--|-------------|--|-------------|--|-------------|--|
| SIEMENS<br>6ES7 522-1BL10-0AA0<br>DQ 32x24VDC<br>POS. 7 - 4/4 |  | DISPONIBILE |      | DISPONIBILE |      | DISPONIBILE |      | DISPONIBILE |      | DISPONIBILE |    | DISPONIBILE |  | DISPONIBILE |  | DISPONIBILE |  | DISPONIBILE |  |
|                                                               |  | A7.0        | A7.1 | A7.2        | A7.3 | A7.4        | A7.5 | A7.6        | A7.7 | 4L+         | 4M |             |  |             |  |             |  |             |  |
|                                                               |  | 31          | 32   | 33          | 34   | 35          | 36   | 37          | 38   | 39          | 40 |             |  |             |  |             |  |             |  |
|                                                               |  | ⊗           | ⊗    | ⊗           | ⊗    | ⊗           | ⊗    | ⊗           | ⊗    | ⊗           | ⊗  |             |  |             |  |             |  |             |  |
|                                                               |  | A70         | A71  | A72         | A73  | A74         | A75  | A76         | A77  | 1511        | 00 |             |  |             |  |             |  |             |  |

FG 66  
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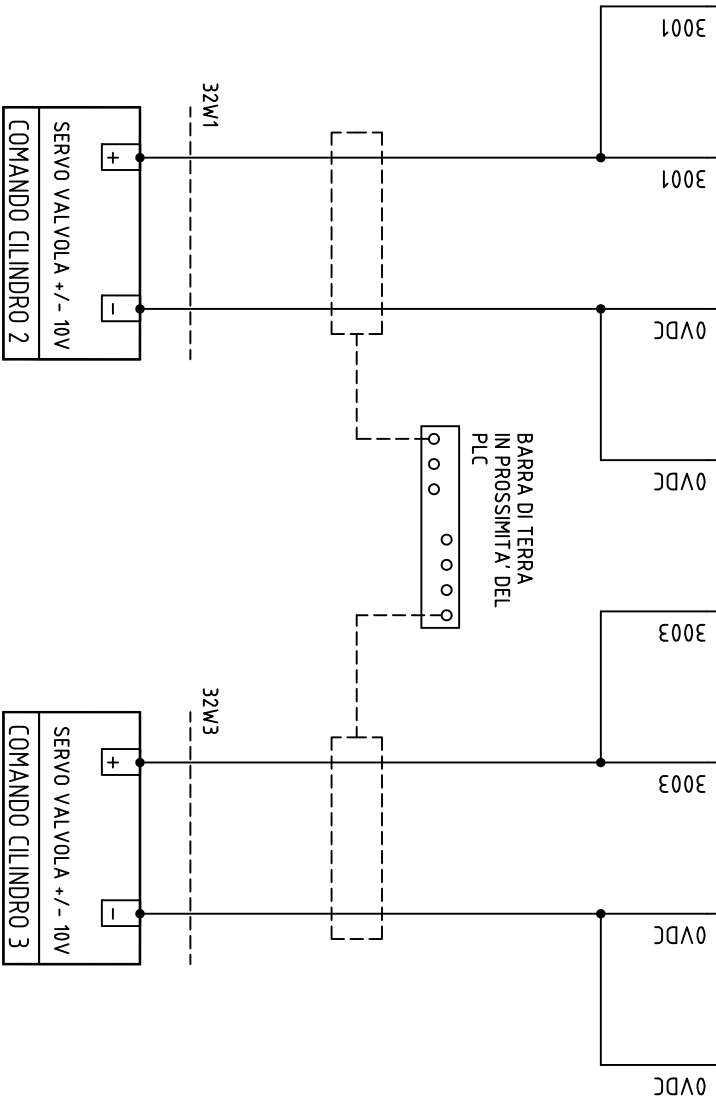
FG 66  
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| 1                                                                               | 2 | 3 | 4                                                           | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12                                                                                                                                                    | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |  |  |
|  |   |   | Sede operativa<br>Via G. Luigini<br>Pontilivadi (Arez) (No) |   |   |   |   |   |    |    | CLIENTE : <u>LEONARDO Divisione Elicotteri</u>                                                                                                        |    |    |    |    |    |    |    |    |    |  |  |
| INDUSTRIALE                                                                     |   |   | Tel: 081 317 71 84                                          |   |   |   |   |   |    |    | Descrizione: <u>RETROFITTING PRESSA INSSE-1</u>                                                                                                       |    |    |    |    |    |    |    |    |    |  |  |
| e-mail: <a href="mailto:info@seaindustriale.it">info@seaindustriale.it</a>      |   |   | OUTPUT DIGITAL                                              |   |   |   |   |   |    |    | Commissa: <u>S1000153</u> Data: <u>04/05/2018</u> Revisione: <u>00</u> Foglio N° <u>67</u>                                                            |    |    |    |    |    |    |    |    |    |  |  |
|                                                                                 |   |   |                                                             |   |   |   |   |   |    |    | Disegnatore: <u>SEA INDUSTRIALE S1000153_00</u> File Name: <u>04/05/2018</u> Data revisione: <u>66</u> PRC. <u>70</u> SEG. <u></u> Disegno N° <u></u> |    |    |    |    |    |    |    |    |    |  |  |



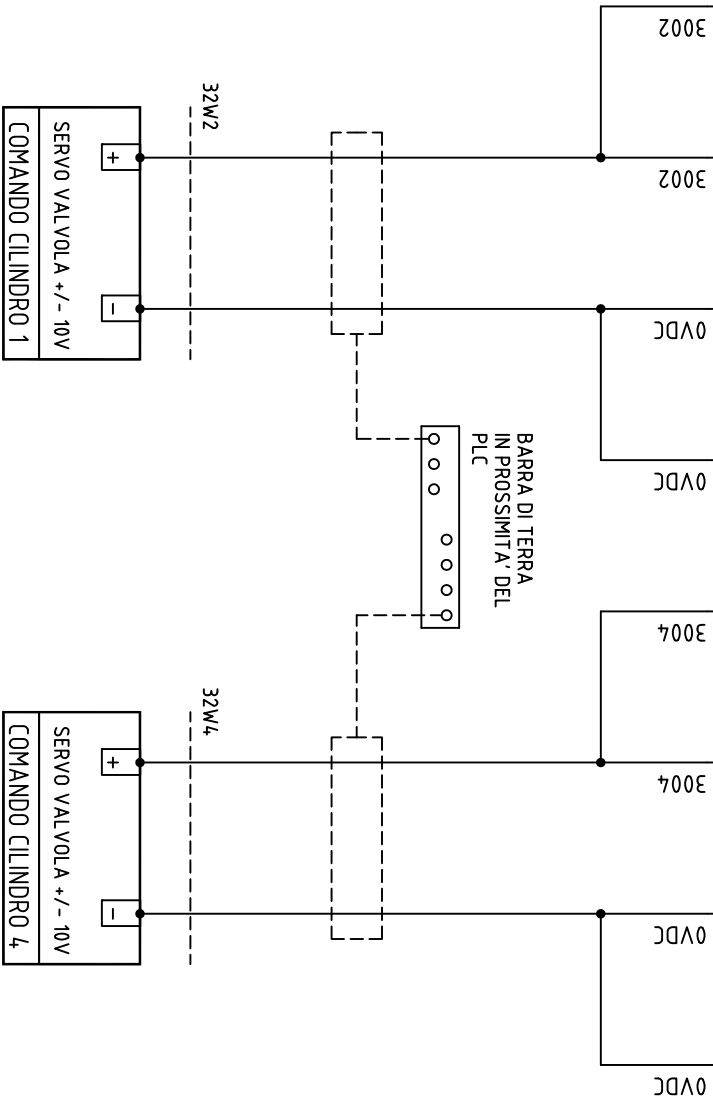
| SIEMENS             |     |     |      |     |     |     |      |
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| 6ES7 532-5HF00-0AB0 |     |     |      |     |     |     |      |
| AQ 8xU/I HS         |     |     |      |     |     |     |      |
| POS. 8 - 1/4        |     |     |      |     |     |     |      |
| QV0                 | S0+ | S0- | MANA | QV1 | S1+ | S1- | MANA |
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| FG 66<br>CAT 20 | 00   | FG 71<br>CAT 2      |
| FG 66<br>CAT 20 | 1512 | 1512 FG 71<br>CAT 2 |

|                                                                                                                                                                  |   |   |   |   |   |   |   |   |    |    |                                                                                                         |    |    |    |    |    |    |    |    |    |
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| 1                                                                                                                                                                | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12                                                                                                      | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|  Sede operativa<br>Via G. Luraghi<br>Roniglione d' Aco (No)<br>Tel: 081 317 71 94 |   |   |   |   |   |   |   |   |    |    | CLIENTE : LEONARDO Divisione Elicotteri<br>Descrizione: RETROFITTING PRESSA INSSE-1<br>OUTPUT ANALOGICI |    |    |    |    |    |    |    |    |    |
| e-mail: info@seaindustriale.it                                                                                                                                   |   |   |   |   |   |   |   |   |    |    | Commessa: S1000153<br>Data: 04/05/2018<br>Revisione: 00<br>Foglio N° 70<br>Disegno N°                   |    |    |    |    |    |    |    |    |    |
| Disegnatore: SEA INDUSTRIALE S1000153_00<br>File Name: 04/05/2018<br>Data revisione: 67<br>SGC: 71                                                               |   |   |   |   |   |   |   |   |    |    |                                                                                                         |    |    |    |    |    |    |    |    |    |

| SIEMENS             |     |     |      |     |     |     |      |               |  |
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| 6ES7 532-5HF00-0AB0 |     |     |      |     |     |     |      |               |  |
| AQ 8xUI/HS          |     |     |      |     |     |     |      |               |  |
| POS. 8 - 2/4        |     |     |      |     |     |     |      |               |  |
| QV2                 | S2+ | S2- | MANA | QV3 | S3+ | S3- | MANA | NC            |  |
| 9                   | 10  | 11  | 12   | 13  | 14  | 15  | 16   | FROM 17 TO 20 |  |



FG 70

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FG 72

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FG 72

CAT 2

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| 1                                                                                                                                                                | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                                                                                                                                                                                                                                                                                                                                                    | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| <div> Sede operativa<br/> Via G. Luraghi<br/> Pomigliano d'Arco (No)<br/> Tel: 081 317 71 94 </div>                                                              |   |   |   |   |   |   |   |   |    | <div> <div>CLIENTE : LEONARDO Divisione Elicotteri</div> <div> <div>Descrizione: RETROFITTING PRESSA INSSE-1</div> <div>OUTPUT ANALOGICI</div> </div> </div>                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |
| <div> <div>e-mail: info@seaindustriale.it</div> <div> <div>Commesse:</div> <div>S1000153</div> </div> <div> <div>Data:</div> <div>04/05/2018</div> </div> </div> |   |   |   |   |   |   |   |   |    | <div> <div>Disegnatore:</div> <div>SEA INDUSTRIALE S1000153_00</div> </div> <div> <div>Revisione:</div> <div>00</div> </div> <div> <div>Data revisione:</div> <div>04/05/2018</div> </div> <div> <div>Foglio N°</div> <div>71</div> </div> <div> <div>PRRC.</div> <div>70</div> </div> <div> <div>SGC.</div> <div>172</div> </div> <div> <div>Disegno N°</div> </div> |    |    |    |    |    |    |    |    |    |    |

| SIEMENS             |    |      |    |      |    |      |    |     |  |
|---------------------|----|------|----|------|----|------|----|-----|--|
| 6ES7 532-5HF00-0AB0 |    |      |    |      |    |      |    |     |  |
| AQ 8xU/I HS         |    |      |    |      |    |      |    |     |  |
| POS. 8 - 3/4        |    |      |    |      |    |      |    |     |  |
| QV 4                |    | S4 + |    | S4 - |    | MANA |    | QV5 |  |
| 21                  | 22 | 23   | 24 | 25   | 26 | 27   | 28 |     |  |
| ⊗                   | ⊗  | ⊗    | ⊗  | ⊗    | ⊗  | ⊗    | ⊗  |     |  |

FG 71

CAT 20

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FG 73

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FG 71

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|----|---------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------------------------------------------------|----|-------------------------------------------------|----|--------------------------------------------|----|----|----|--|
| 1                                                                                                                                                                                             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12                                                                                                                                          | 13 | 14                                                            | 15 | 16                                              | 17 | 18                                         | 19 | 20 | 21 |  |
|  <div> Sede operativa<br/> Via G. Luraghi<br/> Pomplano d' Aco (No)<br/> INDUSTRIALE Tel. 081 317 71 94 </div> |   |   |   |   |   |   |   |   |    |    | <div> <div>CLIENTE : LEONARDO Divisione Elicotteri</div> <div> Descrizione: RETROFITTING PRESSA INSSE-1<br/> OUTPUT ANALOGICI </div> </div> |    |                                                               |    |                                                 |    |                                            |    |    |    |  |
| <div> <div>Commesa:</div> <div>S1000153</div> </div>                                                                                                                                          |   |   |   |   |   |   |   |   |    |    | <div> <div>Data:</div> <div>04/05/2018</div> </div>                                                                                         |    | <div> <div>Revisione:</div> <div>00</div> </div>              |    | <div> <div>Foglio N°</div> <div>72</div> </div> |    | <div> <div>Disegno N°</div> </div>         |    |    |    |  |
| <div> <div>Disegnatore:</div> <div>SEA INDUSTRIALE</div> </div>                                                                                                                               |   |   |   |   |   |   |   |   |    |    | <div> <div>File Name:</div> <div>S1000153_00</div> </div>                                                                                   |    | <div> <div>Data revisione:</div> <div>04/05/2018</div> </div> |    | <div> <div>PRRC.</div> <div>71</div> </div>     |    | <div> <div>SGC.</div> <div>73</div> </div> |    |    |    |  |

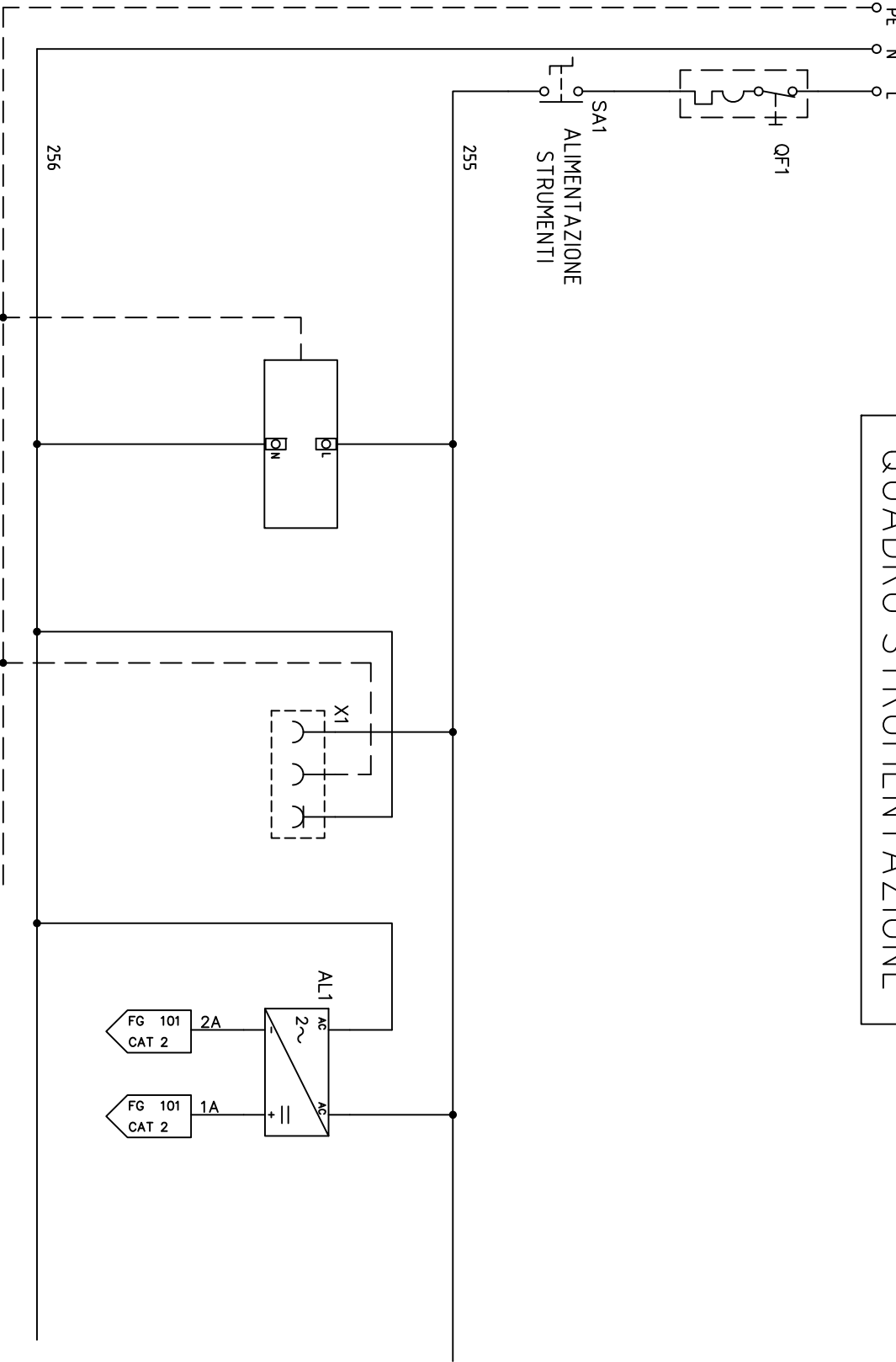
e-mail: info@seaindustrie.it

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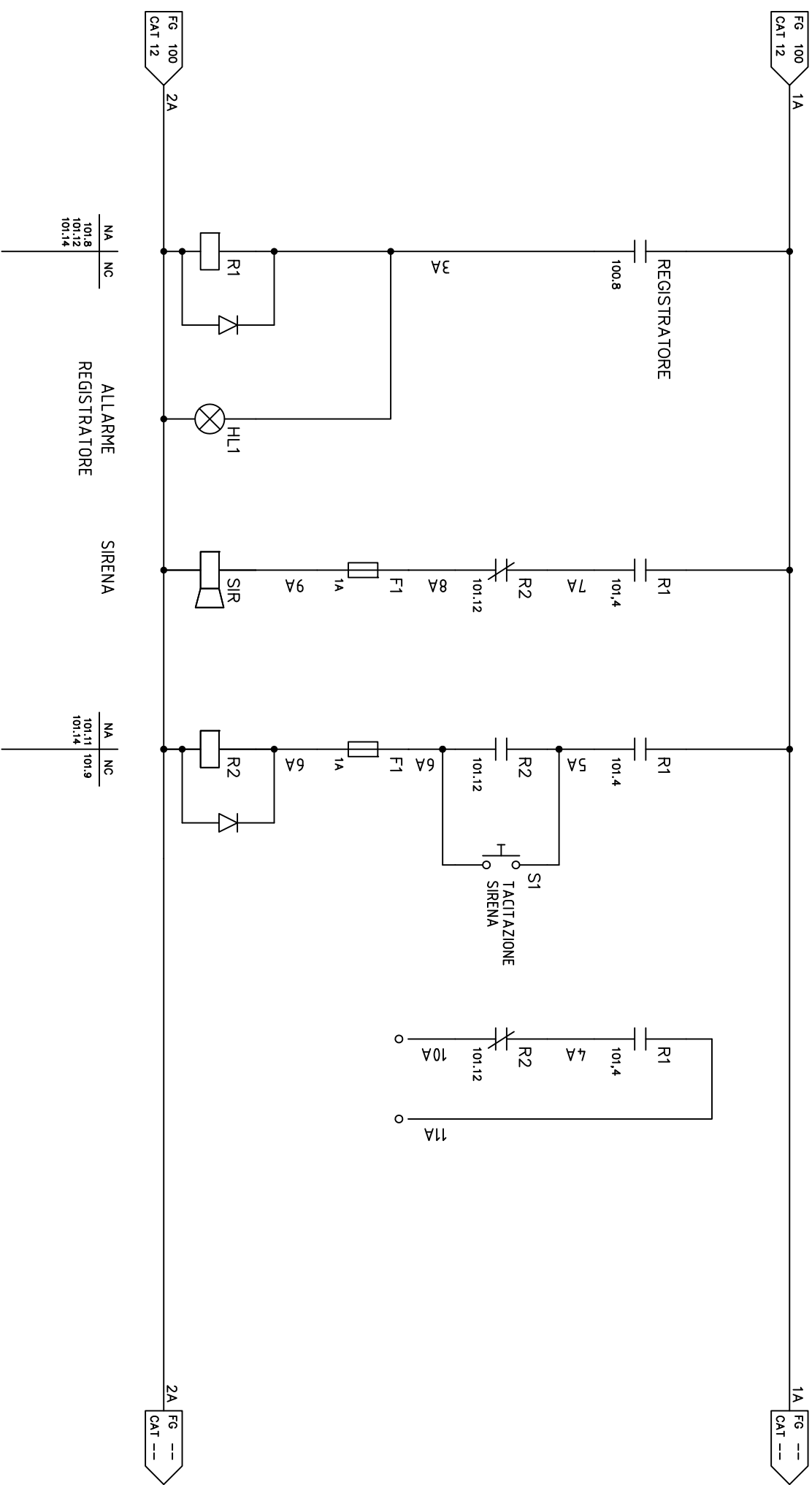
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|---------------------|-----|--|-----|--|------|--|-----|--|---------------|--|
| 6ES7 532-5HF00-0AB0 |     |  |     |  |      |  |     |  |               |  |
| AQ 8xU/I HS         |     |  |     |  |      |  |     |  |               |  |
| POS. 8 -4 / 4       |     |  |     |  |      |  |     |  |               |  |
| QV6                 | S6+ |  | S6- |  | MANA |  | QV7 |  | S7+           |  |
|                     | 29  |  | 30  |  | 31   |  | 32  |  | 33            |  |
|                     | ⊗   |  | ⊗   |  | ⊗    |  | ⊗   |  | ⊗             |  |
| S6+                 | S6+ |  | S6- |  | MANA |  | QV7 |  | S7+           |  |
|                     | 30  |  | 31  |  | 32   |  | 33  |  | 34            |  |
|                     | ⊗   |  | ⊗   |  | ⊗    |  | ⊗   |  | ⊗             |  |
| S6-                 | S6+ |  | S6- |  | MANA |  | QV7 |  | S7+           |  |
|                     | 31  |  | 32  |  | 33   |  | 34  |  | 35            |  |
|                     | ⊗   |  | ⊗   |  | ⊗    |  | ⊗   |  | ⊗             |  |
| MANA                | S6+ |  | S6- |  | MANA |  | QV7 |  | S7+           |  |
|                     | 32  |  | 33  |  | 34   |  | 35  |  | 36            |  |
|                     | ⊗   |  | ⊗   |  | ⊗    |  | ⊗   |  | ⊗             |  |
| QV7                 | S6+ |  | S6- |  | MANA |  | QV7 |  | S7+           |  |
|                     | 33  |  | 34  |  | 35   |  | 36  |  | FROM 37 TO 40 |  |
|                     | ⊗   |  | ⊗   |  | ⊗    |  | ⊗   |  | ⊗             |  |
| S7+                 | S6+ |  | S6- |  | MANA |  | QV7 |  | S7+           |  |
|                     | 34  |  | 35  |  | 36   |  | 37  |  | 41-42         |  |
|                     | ⊗   |  | ⊗   |  | ⊗    |  | ⊗   |  | ⊗             |  |
| S7-                 | S6+ |  | S6- |  | MANA |  | QV7 |  | S7+           |  |
|                     | 35  |  | 36  |  | 37   |  | 38  |  | 43-44         |  |
|                     | ⊗   |  | ⊗   |  | ⊗    |  | ⊗   |  | ⊗             |  |
| MANA                | S6+ |  | S6- |  | MANA |  | QV7 |  | S7+           |  |
|                     | 36  |  | 37  |  | 38   |  | 39  |  | 45            |  |
|                     | ⊗   |  | ⊗   |  | ⊗    |  | ⊗   |  | ⊗             |  |
| NC                  | S6+ |  | S6- |  | MANA |  | QV7 |  | S7+           |  |
|                     | 37  |  | 38  |  | 39   |  | 40  |  | 46            |  |
|                     | ⊗   |  | ⊗   |  | ⊗    |  | ⊗   |  | ⊗             |  |
| L+                  | S6+ |  | S6- |  | MANA |  | QV7 |  | S7+           |  |
|                     | 41  |  | 42  |  | 43   |  | 44  |  | 47            |  |
|                     | ⊗   |  | ⊗   |  | ⊗    |  | ⊗   |  | ⊗             |  |
| M                   | S6+ |  | S6- |  | MANA |  | QV7 |  | S7+           |  |
|                     | 42  |  | 43  |  | 44   |  | 45  |  | 48            |  |
|                     | ⊗   |  | ⊗   |  | ⊗    |  | ⊗   |  | ⊗             |  |

ALIMENTAZIONE 230Vac  
DA UPS

QUADRO STRUMENTAZIONE

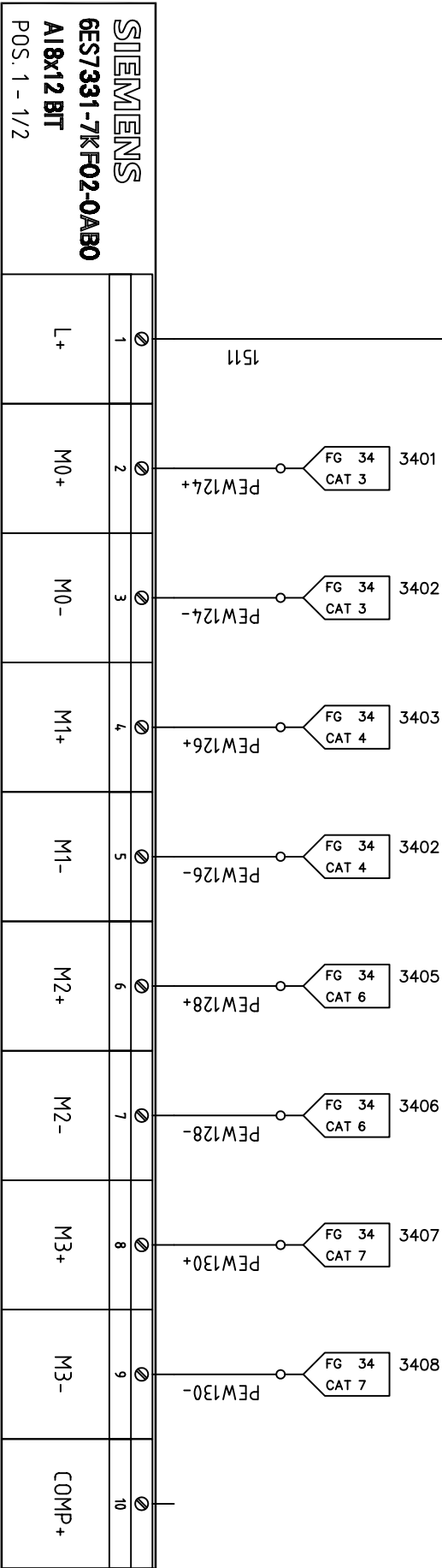
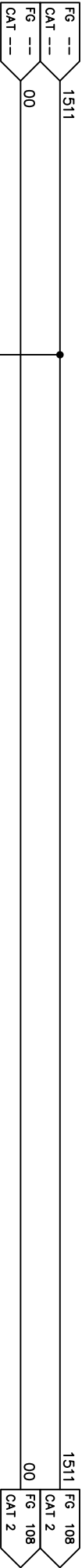


|                                                                                                                                                                           |   |   |                                          |   |   |   |   |   |    |    |    |    |                                          |    |                       |    |                            |    |               |    |            |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|------------------------------------------|---|---|---|---|---|----|----|----|----|------------------------------------------|----|-----------------------|----|----------------------------|----|---------------|----|------------|--|
| 1                                                                                                                                                                         | 2 | 3 | 4                                        | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14                                       | 15 | 16                    | 17 | 18                         | 19 | 20            | 21 |            |  |
|  <div>Sede operativa<br/>Via G. Luraghi<br/>Romano d'Ago (NO)<br/>Tel. 081 317 71 94</div> |   |   | CLIENTE : LEONARDO Divisione Elicotteri  |   |   |   |   |   |    |    |    |    | Commesse: S1000153                       |    | Data: 04/05/2018      |    | Revisione: 00              |    | Foglio N° 100 |    | Disegno N° |  |
| e-mail: info@seaindustrie.it                                                                                                                                              |   |   | Descrizione: RETROFITTING PRESSA INNSE-1 |   |   |   |   |   |    |    |    |    | Disegnatore: SEA INDUSTRIALE S1000153_00 |    | File Name: 04/05/2018 |    | Data revisione: 04/05/2018 |    | PRRC: 73      |    |            |  |
|                                                                                                                                                                           |   |   | ALIMENTAZIONE QUADRO STRUMENTAZIONE      |   |   |   |   |   |    |    |    |    |                                          |    |                       |    |                            |    | 101           |    |            |  |



|                                                                                  |   |   |                                                          |   |   |                                          |   |   |    |    |                                          |    |                       |    |                     |    |               |    |            |    |
|----------------------------------------------------------------------------------|---|---|----------------------------------------------------------|---|---|------------------------------------------|---|---|----|----|------------------------------------------|----|-----------------------|----|---------------------|----|---------------|----|------------|----|
| 1                                                                                | 2 | 3 | 4                                                        | 5 | 6 | 7                                        | 8 | 9 | 10 | 11 | 12                                       | 13 | 14                    | 15 | 16                  | 17 | 18            | 19 | 20         | 21 |
|  |   |   | Sede operativa<br>Via G. Luraghi<br>Pomplano d' Aco (No) |   |   | CLIENTE : LEONARDO Divisione Elicotteri  |   |   |    |    | Commissa: S1000153                       |    | Data: 04/05/2018      |    | Revisione: 00       |    | Foglio N° 101 |    | Disegno N° |    |
| INDUSTRIALE Tel: 081 317 71 94                                                   |   |   | e-mail: info@secdindustriale.it                          |   |   | Descrizione: RETROFITTING PRESSA INSSE-1 |   |   |    |    | Disegnatore: SEA INDUSTRIALE S1000153_00 |    | File Name: 04/05/2018 |    | Data revisione: 100 |    | PRRC. 105     |    | SGC.       |    |
|                                                                                  |   |   | AUSILIARI QUADRO STRUMENTAZIONE                          |   |   |                                          |   |   |    |    |                                          |    |                       |    |                     |    |               |    |            |    |





CAMERA SUPERIORE  
CILINDRO DI POSIZIONE  
1

CAMERA INFERIORE  
CILINDRO DI POSIZIONE  
1

CAMERA SUPERIORE  
CILINDRO DI POSIZIONE  
2

CAMERA INFERIORE  
CILINDRO DI POSIZIONE  
2

SEA

Sede operativa  
Via G. Luraghi  
Pomplano d' Aco (No)  
Tel. 081 317 71 94

INDUSTRIALE

e-mail: info@seaindustrie.it

CLIENTE : LEONARDO Divisione Elicotteri

Descrizione: RETROFITTING PRESSA INSSE-1

INGRESSI ANALOGICI

Commissa: S1000153

Data: 04/05/2018

Revisione: 00

Foglio N° 107

Disegno N°

Disegnatore: SEA INDUSTRIALE S1000153\_00

File Name: 04/05/2018

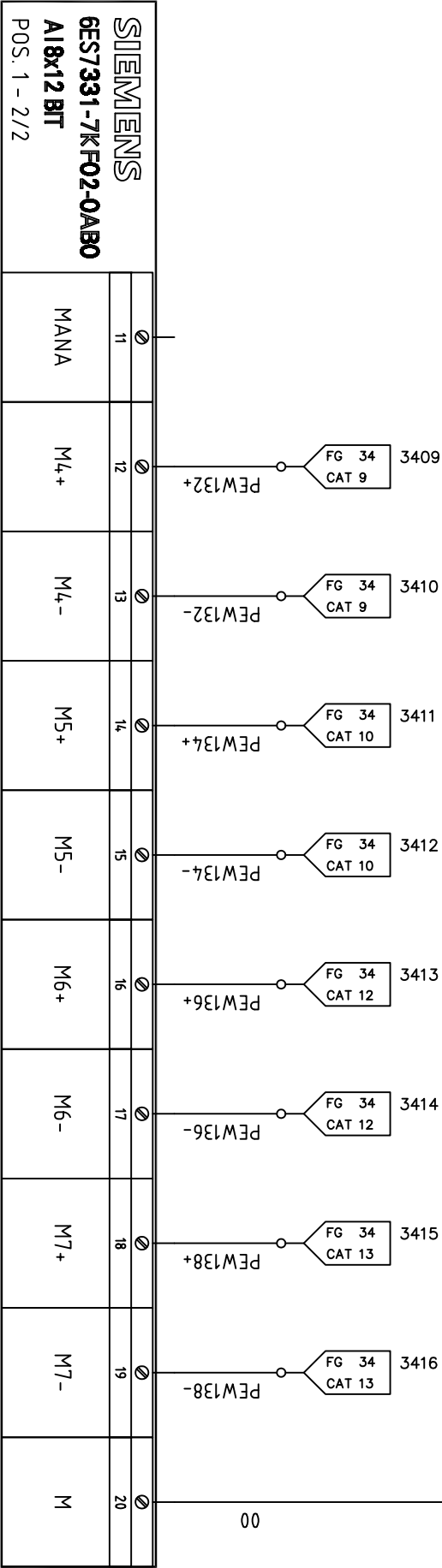
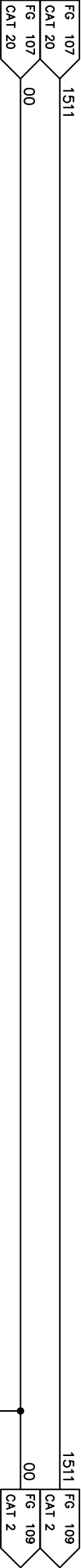
Data revisione: 105

PRRC. 108

SEC.

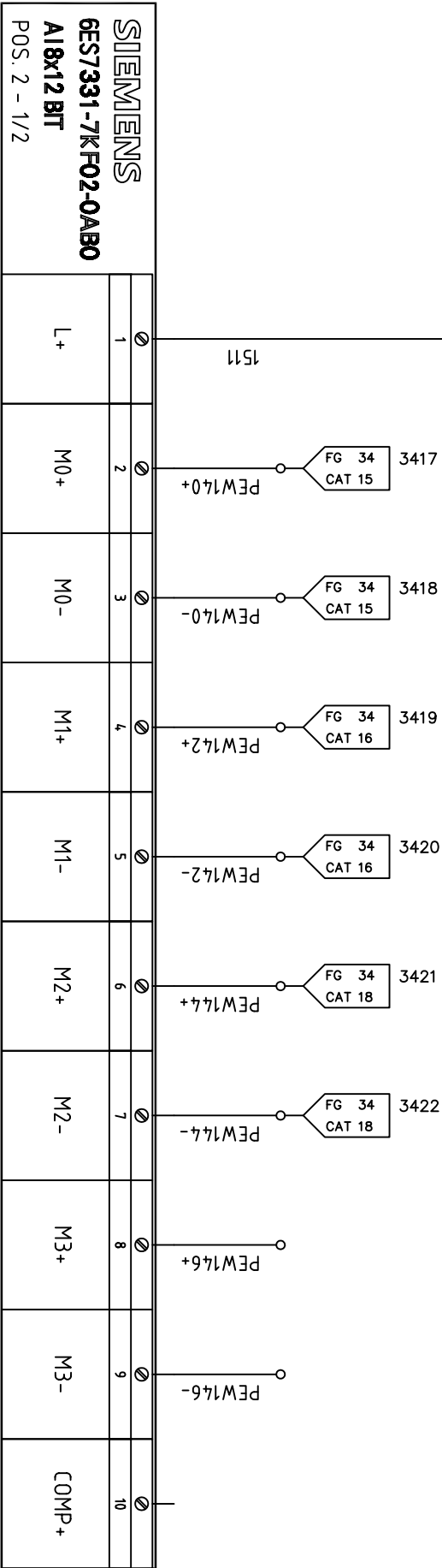
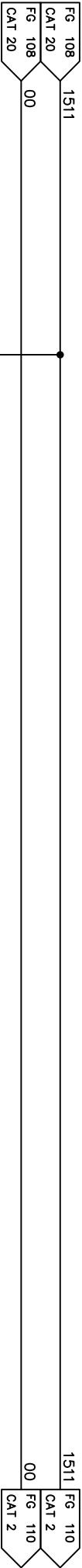
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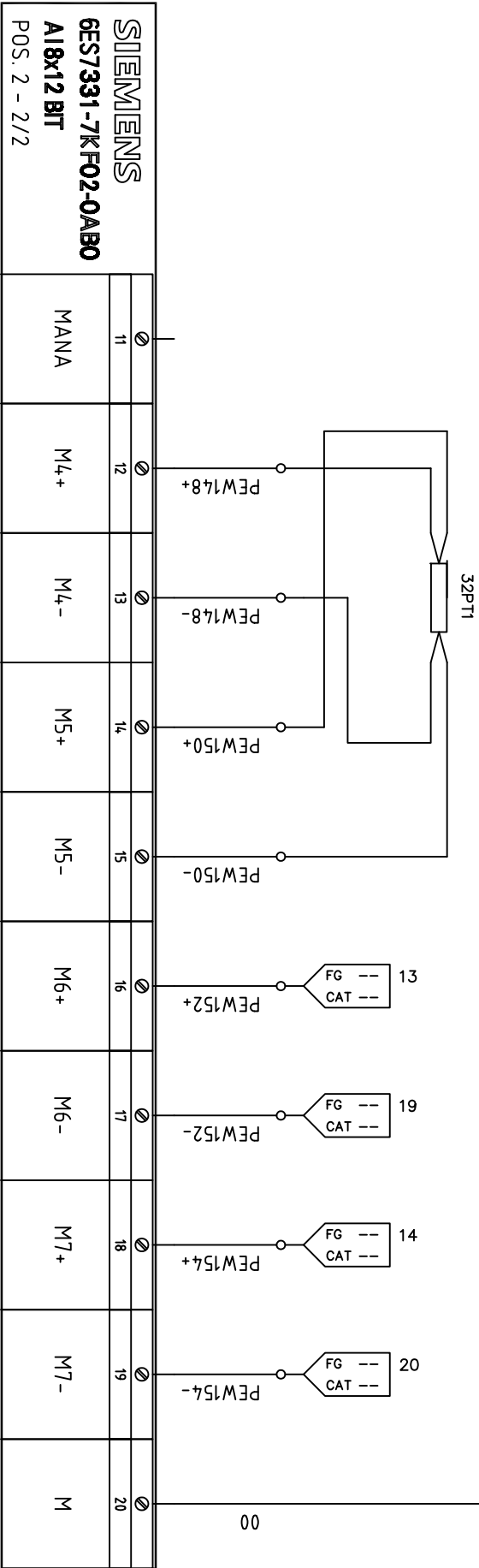


CAMERA SUPERIORE  
CILINDRO DI POSIZIONE  
3  
CAMERA INFERIORE  
CILINDRO DI POSIZIONE  
3  
CAMERA SUPERIORE  
CILINDRO DI POSIZIONE  
4  
CAMERA INFERIORE  
CILINDRO DI POSIZIONE  
4

|                                                                                                                                                                                         |   |   |                                          |   |   |   |   |   |    |    |            |    |    |    |    |    |    |    |    |    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|------------------------------------------|---|---|---|---|---|----|----|------------|----|----|----|----|----|----|----|----|----|
| 1                                                                                                                                                                                       | 2 | 3 | 4                                        | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12         | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|  <div>Sede operativa<br/>Via G. Luraghi<br/>Pomplano d'Acq (No)<br/>INDUSTRIALE Tel. 081 317 71 94</div> |   |   | CLIENTE : LEONARDO Divisione Elicotteri  |   |   |   |   |   |    |    |            |    |    |    |    |    |    |    |    |    |
| e-mail: info@seaindustrie.it                                                                                                                                                            |   |   | Descrizione: RETROFITTING PRESSA INSSE-1 |   |   |   |   |   |    |    |            |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                         |   |   | INGRESSI ANALOGICI                       |   |   |   |   |   |    |    |            |    |    |    |    |    |    |    |    |    |
| Commissa:                                                                                                                                                                               |   |   |                                          |   |   |   |   |   |    |    | Foglio N°  |    |    |    |    |    |    |    |    |    |
| S1000153                                                                                                                                                                                |   |   |                                          |   |   |   |   |   |    |    | 108        |    |    |    |    |    |    |    |    |    |
| Disegnatore:                                                                                                                                                                            |   |   |                                          |   |   |   |   |   |    |    | Disegno N° |    |    |    |    |    |    |    |    |    |
| S1000153_00                                                                                                                                                                             |   |   |                                          |   |   |   |   |   |    |    |            |    |    |    |    |    |    |    |    |    |
| Data:                                                                                                                                                                                   |   |   |                                          |   |   |   |   |   |    |    |            |    |    |    |    |    |    |    |    |    |
| 04/05/2018                                                                                                                                                                              |   |   |                                          |   |   |   |   |   |    |    |            |    |    |    |    |    |    |    |    |    |
| File Name:                                                                                                                                                                              |   |   |                                          |   |   |   |   |   |    |    |            |    |    |    |    |    |    |    |    |    |
| SEA INDUSTRIALE                                                                                                                                                                         |   |   |                                          |   |   |   |   |   |    |    |            |    |    |    |    |    |    |    |    |    |
| Data revisione:                                                                                                                                                                         |   |   |                                          |   |   |   |   |   |    |    |            |    |    |    |    |    |    |    |    |    |
| S1000153_00                                                                                                                                                                             |   |   |                                          |   |   |   |   |   |    |    |            |    |    |    |    |    |    |    |    |    |
| PRRC.                                                                                                                                                                                   |   |   |                                          |   |   |   |   |   |    |    |            |    |    |    |    |    |    |    |    |    |
| 107                                                                                                                                                                                     |   |   |                                          |   |   |   |   |   |    |    |            |    |    |    |    |    |    |    |    |    |
| SEC.                                                                                                                                                                                    |   |   |                                          |   |   |   |   |   |    |    |            |    |    |    |    |    |    |    |    |    |
| 109                                                                                                                                                                                     |   |   |                                          |   |   |   |   |   |    |    |            |    |    |    |    |    |    |    |    |    |



|        |      |      |        |
|--------|------|------|--------|
| FG 109 | 1511 | 1511 | FG 111 |
| CAT 20 |      |      | CAT 2  |
| FG 109 | 00   |      | FG 111 |
| CAT 20 |      |      | CAT 2  |



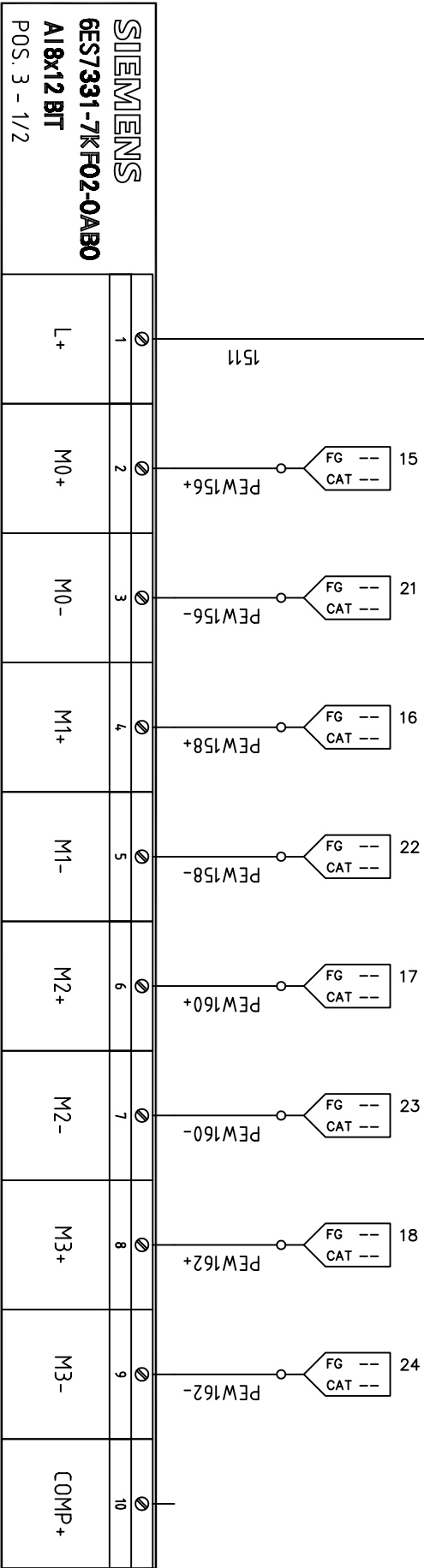
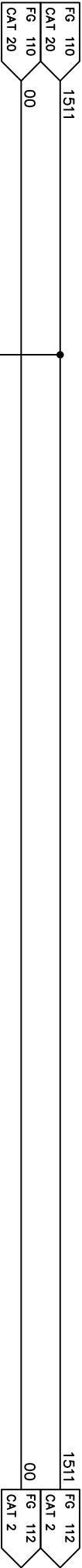
TEMPERATURA  
CENTRALINA IDRAULICA  
SEGNALE 1

TEMPERATURA  
CENTRALINA IDRAULICA  
SEGNALE 2

PRESSIONE  
ZONA 1

PRESSIONE  
ZONA 2

|                                                                                                                                                                                                                    |   |   |                                          |   |   |   |   |   |    |                                          |    |                       |    |                            |    |                       |    |            |    |    |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|------------------------------------------|---|---|---|---|---|----|------------------------------------------|----|-----------------------|----|----------------------------|----|-----------------------|----|------------|----|----|--|--|--|
| 1                                                                                                                                                                                                                  | 2 | 3 | 4                                        | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13                    | 14 | 15                         | 16 | 17                    | 18 | 19         | 20 | 21 |  |  |  |
|  <div>Sede operativa<br/>Via G. Luigini<br/>Pontelunghe d'Adda (No)<br/>Tel: 081 317 71 84<br/>e-mail: info@seaindustriale.it</div> |   |   | CLIENTE : LEONARDO Divisione Elicotteri  |   |   |   |   |   |    | Commissa: S1000153                       |    | Data: 04/05/2018      |    | Revisione: 00              |    | Foglio N° 110         |    | Disegno N° |    |    |  |  |  |
|                                                                                                                                                                                                                    |   |   | Descrizione: RETROFITTING PRESSA INSSE-1 |   |   |   |   |   |    | Disegnatore: SEA INDUSTRIALE S1000153_00 |    | File Name: 04/05/2018 |    | Data revisione: 04/05/2018 |    | PRRC. 109<br>SEC. 111 |    |            |    |    |  |  |  |
|                                                                                                                                                                                                                    |   |   | INGRESSI ANALOGICI                       |   |   |   |   |   |    |                                          |    |                       |    |                            |    |                       |    |            |    |    |  |  |  |



PRESSIONE

ZONA

3

PRESSIONE

ZONA

4

PRESSIONE

ZONA

5

PRESSIONE

ZONA

6



Sede operativa  
Via G. Luraghi  
Pomigliano d'Arco (Na)  
INDUSTRIALE Tel. 081 317 71 94

CLIENTE : LEONARDO Divisione Elicotteri

Descrizione: RETROFITTING PRESSA INSSE-1

INGRESSI ANALOGICI

Commissa: S1000153

Data: 04/05/2018

Revisione: 00

Foglio N° 111

Disegno N°

Disegnatore: SEA INDUSTRIALE S1000153\_00

File Name: 04/05/2018

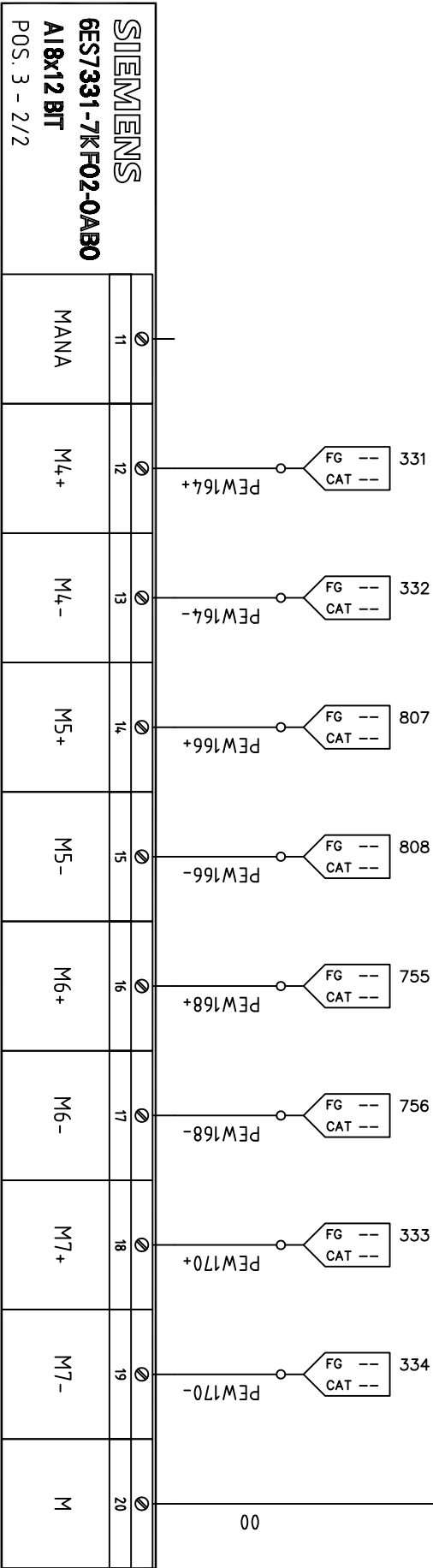
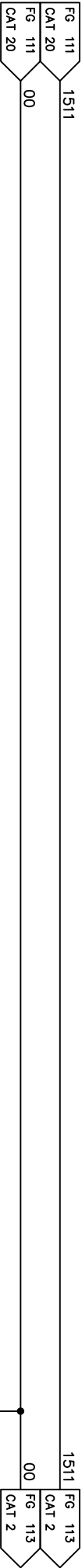
Data revisione: 110

PRRC. 112

SEC.

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TERMOCOPPIA  
MANDATA  
ZONA 1

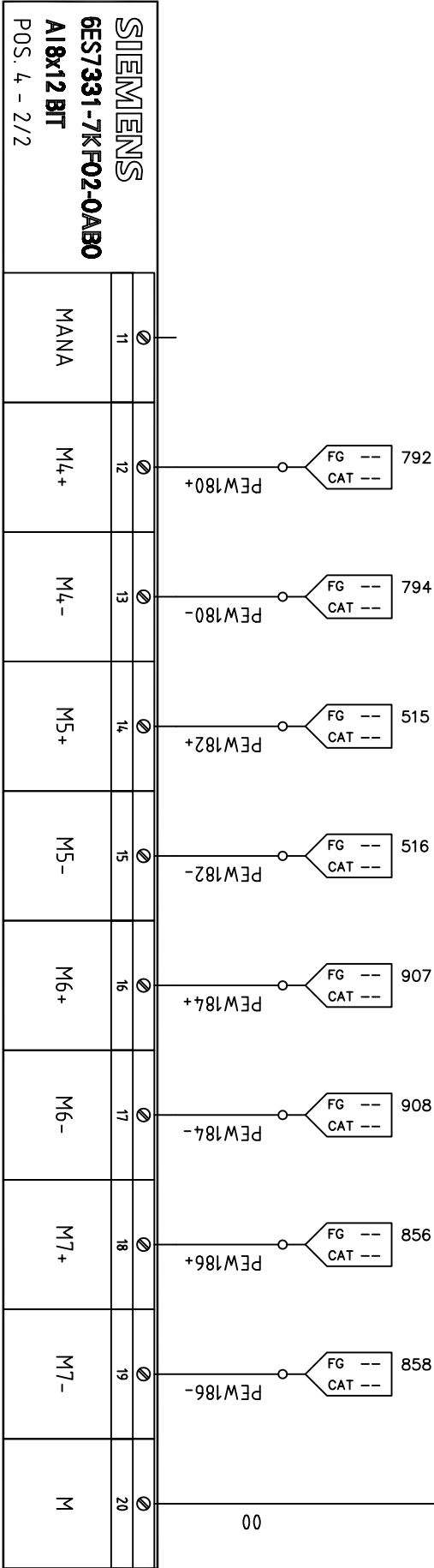
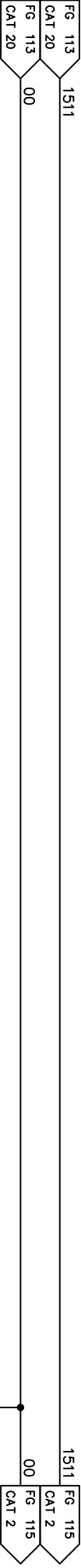
TERMOCOPPIA  
STAMPO 1  
ZONA 1

TERMOCOPPIA  
STAMPO 2  
ZONA 1

TERMOCOPPIA  
MANDATO  
ZONA 2

|                                                                                 |   |   |                                                          |   |   |                                         |   |   |                            |    |    |               |    |    |            |    |    |    |    |    |  |  |  |
|---------------------------------------------------------------------------------|---|---|----------------------------------------------------------|---|---|-----------------------------------------|---|---|----------------------------|----|----|---------------|----|----|------------|----|----|----|----|----|--|--|--|
| 1                                                                               | 2 | 3 | 4                                                        | 5 | 6 | 7                                       | 8 | 9 | 10                         | 11 | 12 | 13            | 14 | 15 | 16         | 17 | 18 | 19 | 20 | 21 |  |  |  |
|  |   |   | Sede operativa<br>Via G. Luraghi<br>Pomigino d'Adda (Mo) |   |   | CLIENTE : LEONARDO Divisione Elicotteri |   |   |                            |    |    |               |    |    |            |    |    |    |    |    |  |  |  |
| INDUSTRIALE Tel. 081 317 71 94                                                  |   |   | Descrizione: RETROFITTING PRESSA INSSE-1                 |   |   |                                         |   |   |                            |    |    |               |    |    |            |    |    |    |    |    |  |  |  |
| e-mail: info@seaindustrie.it                                                    |   |   | INGRESSI ANALOGICI                                       |   |   |                                         |   |   |                            |    |    |               |    |    |            |    |    |    |    |    |  |  |  |
|                                                                                 |   |   | Commessa: S1000153                                       |   |   | Data: 04/05/2018                        |   |   | Revisione: 00              |    |    | Foglio N° 112 |    |    | Disegno N° |    |    |    |    |    |  |  |  |
|                                                                                 |   |   | Disegnatore: SEA INDUSTRIALE S1000153_00                 |   |   | File Name: 04/05/2018                   |   |   | Data revisione: 04/05/2018 |    |    | PRRC. 111     |    |    | SGC. 113   |    |    |    |    |    |  |  |  |





TERMOCOPPIA

STAMPO 2

ZONA 3

TERMOCOPPIA

MANDATA

ZONA 4

TERMOCOPPIA

STAMPO 1

ZONA 4

TERMOCOPPIA

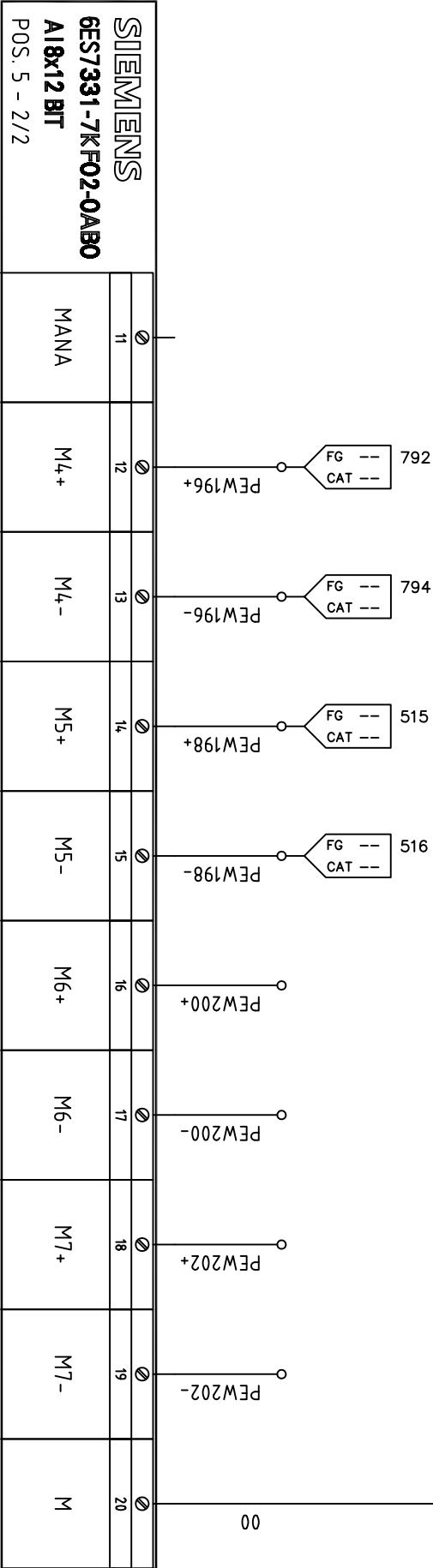
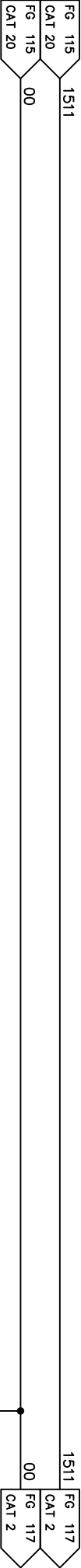
STAMPO 2

ZONA 4

|                                                                                  |   |   |                                                         |   |   |                                         |   |   |                            |    |    |               |    |    |            |    |    |    |    |    |  |  |  |
|----------------------------------------------------------------------------------|---|---|---------------------------------------------------------|---|---|-----------------------------------------|---|---|----------------------------|----|----|---------------|----|----|------------|----|----|----|----|----|--|--|--|
| 1                                                                                | 2 | 3 | 4                                                       | 5 | 6 | 7                                       | 8 | 9 | 10                         | 11 | 12 | 13            | 14 | 15 | 16         | 17 | 18 | 19 | 20 | 21 |  |  |  |
|  |   |   | Sede operativa<br>Via G. Luraghi<br>Pomplano d'Acq (No) |   |   | CLIENTE : LEONARDO Divisione Elicotteri |   |   |                            |    |    |               |    |    |            |    |    |    |    |    |  |  |  |
| INDUSTRIALE Tel. 081 317 71 94                                                   |   |   | Descrizione: RETROFITTING PRESSA INSSE-1                |   |   |                                         |   |   |                            |    |    |               |    |    |            |    |    |    |    |    |  |  |  |
| e-mail: info@secdindustriale.it                                                  |   |   | INGRESSI ANALOGICI                                      |   |   |                                         |   |   |                            |    |    |               |    |    |            |    |    |    |    |    |  |  |  |
|                                                                                  |   |   | Commessa: S1000153                                      |   |   | Data: 04/05/2018                        |   |   | Revisione: 00              |    |    | Foglio N° 114 |    |    | Disegno N° |    |    |    |    |    |  |  |  |
|                                                                                  |   |   | Disegnatore: SEA INDUSTRIALE S1000153_00                |   |   | File Name: 04/05/2018                   |   |   | Data revisione: 04/05/2018 |    |    | PRRC. 113     |    |    | SGC. 115   |    |    |    |    |    |  |  |  |







SIEMENS

6ES7331-7KF02-0AIB0

A18x12 BIT

POS. 5 - 2/2

11

MANA

12

M4+

13

M4-

14

M5+

15

M5-

16

M6+

17

M6-

18

M7+

19

M7-

20

M

TERMOCOPIA

STAMPO 1

ZONA 6

TERMOCOPIA

STAMPO 2

ZONA 6

DISPONIBILE

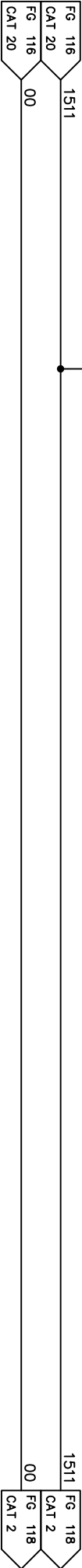
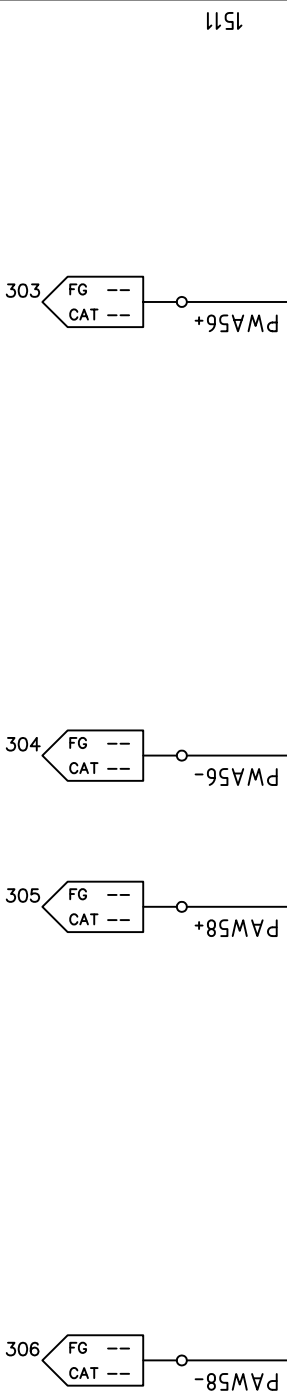
DISPONIBILE

|                                                                                 |   |   |                                                                                |   |   |   |   |   |    |    |                                                 |    |    |    |    |    |    |    |    |    |
|---------------------------------------------------------------------------------|---|---|--------------------------------------------------------------------------------|---|---|---|---|---|----|----|-------------------------------------------------|----|----|----|----|----|----|----|----|----|
| 1                                                                               | 2 | 3 | 4                                                                              | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12                                              | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|  |   |   | Sede operativa<br>Via G. Luigini<br>Pontoglio (Ago) (Bo)<br>Tel: 081 317 71 84 |   |   |   |   |   |    |    | CLIENTE : <u>LEONARDO Divisione Elicotteri</u>  |    |    |    |    |    |    |    |    |    |
| e-mail: <a href="mailto:info@seaindustriale.it">info@seaindustriale.it</a>      |   |   | Descrizione: <u>RETROFITTING PRESSA INSSE-1</u>                                |   |   |   |   |   |    |    | Commissa: <u>S1000153</u>                       |    |    |    |    |    |    |    |    |    |
|                                                                                 |   |   | INGRESSI ANALOGICI                                                             |   |   |   |   |   |    |    | Disegnatore: <u>SEA INDUSTRIALE S1000153_00</u> |    |    |    |    |    |    |    |    |    |
|                                                                                 |   |   |                                                                                |   |   |   |   |   |    |    | Data: <u>04/05/2018</u>                         |    |    |    |    |    |    |    |    |    |
|                                                                                 |   |   |                                                                                |   |   |   |   |   |    |    | Revisione: <u>00</u>                            |    |    |    |    |    |    |    |    |    |
|                                                                                 |   |   |                                                                                |   |   |   |   |   |    |    | File Name: <u>04/05/2018</u>                    |    |    |    |    |    |    |    |    |    |
|                                                                                 |   |   |                                                                                |   |   |   |   |   |    |    | PRRC. <u>115</u>                                |    |    |    |    |    |    |    |    |    |
|                                                                                 |   |   |                                                                                |   |   |   |   |   |    |    | SEC. <u>117</u>                                 |    |    |    |    |    |    |    |    |    |
|                                                                                 |   |   |                                                                                |   |   |   |   |   |    |    | Foglio N° <u>116</u>                            |    |    |    |    |    |    |    |    |    |
|                                                                                 |   |   |                                                                                |   |   |   |   |   |    |    | Disegno N°                                      |    |    |    |    |    |    |    |    |    |

COMANDO VALVOLA  
ZONA 1

COMANDO VALVOLA  
ZONA 2

| SIEMENS            |    |       |      |      |      |       |      |      |      |
|--------------------|----|-------|------|------|------|-------|------|------|------|
| 6ES7332-5HF00-0A00 |    |       |      |      |      |       |      |      |      |
| A08x12 BIT         |    |       |      |      |      |       |      |      |      |
| POS. 6 - 1/4       |    |       |      |      |      |       |      |      |      |
| L +                | NC | QV0 + | S0 + | S0 - | MANA | QV1 + | S1 + | S1 - | MANA |
| 1                  | 2  | 3     | 4    | 5    | 6    | 7     | 8    | 9    | 10   |

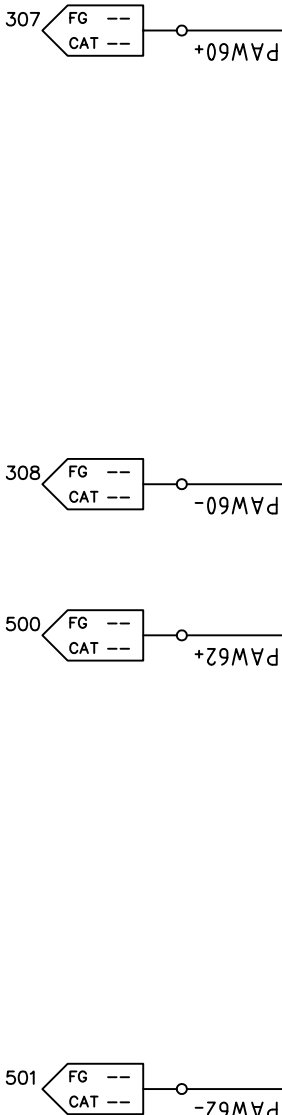


|                                                                                                                                                                                                                   |   |   |   |   |   |   |   |   |    |    |                                          |    |    |    |    |    |    |    |    |    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|----|------------------------------------------|----|----|----|----|----|----|----|----|----|
| 1                                                                                                                                                                                                                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12                                       | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|  <div>Sede operativa<br/>Via G. Luraghi<br/>Pomigliano d'Arco (Na)<br/>Tel. 081 317 71 94<br/>e-mail: info@seaindustriale.it</div> |   |   |   |   |   |   |   |   |    |    | CLIENTE : LEONARDO Divisione Elicotteri  |    |    |    |    |    |    |    |    |    |
| Descrizione: RETROFITTING PRESSA INSSE-1                                                                                                                                                                          |   |   |   |   |   |   |   |   |    |    | Commesse: S1000153                       |    |    |    |    |    |    |    |    |    |
| USCITE ANALOGICHE                                                                                                                                                                                                 |   |   |   |   |   |   |   |   |    |    | Disegnatore: SEA INDUSTRIALE S1000153_00 |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                                                   |   |   |   |   |   |   |   |   |    |    | Data: 04/05/2018                         |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                                                   |   |   |   |   |   |   |   |   |    |    | Revisione: 00                            |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                                                   |   |   |   |   |   |   |   |   |    |    | File Name: 04/05/2018                    |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                                                   |   |   |   |   |   |   |   |   |    |    | Data revisione: 116                      |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                                                   |   |   |   |   |   |   |   |   |    |    | PRRC. 117                                |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                                                   |   |   |   |   |   |   |   |   |    |    | SEG. 118                                 |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                                                   |   |   |   |   |   |   |   |   |    |    | Disegno N°                               |    |    |    |    |    |    |    |    |    |

COMANDO VAL VOLA  
ZONA 3

COMANDO VAL VOLA  
ZONA 4

| SIEMENS            |     |     |      |       |     |     |      |    |    |
|--------------------|-----|-----|------|-------|-----|-----|------|----|----|
| 6ES7332-5HF00-0A00 |     |     |      |       |     |     |      |    |    |
| A08x12 BIT         |     |     |      |       |     |     |      |    |    |
| POS. 6 - 2/4       |     |     |      |       |     |     |      |    |    |
| Q V2+              | S2+ | S2- | MANA | Q V3+ | S3+ | S3- | MANA | NC | M  |
| 11                 | 12  | 13  | 14   | 15    | 16  | 17  | 18   | 19 | 20 |



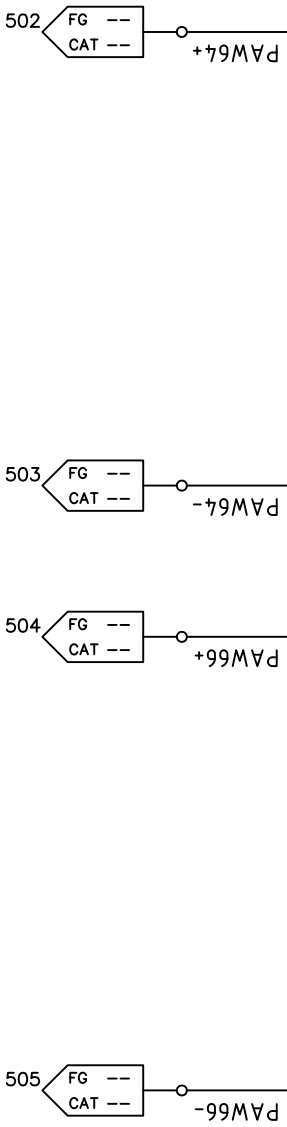
|        |      |        |
|--------|------|--------|
| FG 117 | 1511 | FG 119 |
| CAT 20 |      | CAT 2  |
| FG 117 | 00   | FG 119 |
| CAT 20 |      | CAT 2  |

|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    |                                                 |    |                              |    |                            |    |                      |    |            |    |    |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|-------------------------------------------------|----|------------------------------|----|----------------------------|----|----------------------|----|------------|----|----|--|--|
| 1                                                                                                                                                                              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                              | 12 | 13                           | 14 | 15                         | 16 | 17                   | 18 | 19         | 20 | 21 |  |  |
|  <b>SEA</b><br>Sede operativa<br>Via G. Luraghi<br>Pomigliano d'Arco (Na)<br>Tel. 081 317 71 94 |   |   |   |   |   |   |   |   |    | CLIENTE : <u>LEONARDO Divisione Elicotteri</u>  |    |                              |    |                            |    |                      |    |            |    |    |  |  |
| e-mail: <u>info@seaindustriale.it</u>                                                                                                                                          |   |   |   |   |   |   |   |   |    | Descrizione: <u>RETROFITTING PRESSA INSSE-1</u> |    |                              |    |                            |    |                      |    |            |    |    |  |  |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    | USCITE ANALOGICHE                               |    |                              |    |                            |    |                      |    |            |    |    |  |  |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    | Commessa: <u>S1000153</u>                       |    | Data: <u>04/05/2018</u>      |    | Revisione: <u>00</u>       |    | Foglio N° <u>118</u> |    | Disegno N° |    |    |  |  |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    | Disegnatore: <u>SEA INDUSTRIALE S1000153_00</u> |    | File Name: <u>04/05/2018</u> |    | Data revisione: <u>117</u> |    | PRRC. <u>119</u>     |    | Sic.       |    |    |  |  |

COMANDO VAL VOLA  
ZONA 5

COMANDO VAL VOLA  
ZONA 6

| SIEMENS            |    |    |    |      |    |     |    |     |    |
|--------------------|----|----|----|------|----|-----|----|-----|----|
| 6ES7332-5HF00-0A00 |    |    |    |      |    |     |    |     |    |
| A08x12 BIT         |    |    |    |      |    |     |    |     |    |
| POS. 6 - 3/4       |    |    |    |      |    |     |    |     |    |
| NC                 |    | NC |    | QV4+ |    | S4+ |    | S4- |    |
| 21                 | 22 | 23 | 24 | 25   | 26 | 27  | 28 | 29  | 30 |



|        |      |        |
|--------|------|--------|
| FG 118 | 1511 | FG 120 |
| CAT 20 |      | CAT 2  |
| FG 118 | 00   | FG 120 |
| CAT 20 |      | CAT 2  |

|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    |                                          |    |                       |    |                     |    |               |    |            |    |    |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|------------------------------------------|----|-----------------------|----|---------------------|----|---------------|----|------------|----|----|--|--|
| 1                                                                                                                                                                              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13                    | 14 | 15                  | 16 | 17            | 18 | 19         | 20 | 21 |  |  |
|  <b>SEA</b><br>Sede operativa<br>Via G. Luraghi<br>Pomigliano d'Arco (Na)<br>Tel. 081 317 71 94 |   |   |   |   |   |   |   |   |    | CLIENTE : LEONARDO Divisione Elicotteri  |    |                       |    |                     |    |               |    |            |    |    |  |  |
| e-mail: info@seaindustriale.it                                                                                                                                                 |   |   |   |   |   |   |   |   |    | Descrizione: RETROFITTING PRESSA INSSE-1 |    |                       |    |                     |    |               |    |            |    |    |  |  |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    | USCITE ANALOGICHE                        |    |                       |    |                     |    |               |    |            |    |    |  |  |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    | Commessa: S1000153                       |    | Data: 04/05/2018      |    | Revisione: 00       |    | Foglio N° 119 |    | Disegno N° |    |    |  |  |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    | Disegnatore: SEA INDUSTRIALE S1000153_00 |    | File Name: 04/05/2018 |    | Data revisione: 118 |    | PRRC. 120     |    | Sgc.       |    |    |  |  |

DISPONIBILE

| SIEMENS            |    |        |        |        |      |     |     |      |    |
|--------------------|----|--------|--------|--------|------|-----|-----|------|----|
| 6ES7332-5HF00-0A00 |    |        |        |        |      |     |     |      |    |
| A08x12 BIT         |    |        |        |        |      |     |     |      |    |
| POS. 6 - 4/4       |    |        |        |        |      |     |     |      |    |
| QV6+               | 31 | S6+    | S6-    | MANA   | QV7+ | S7+ | S7- | MANA | NC |
|                    | 32 |        |        |        |      |     |     |      |    |
| PAW68+             | 33 | PAW68- | PAW70+ | PAW70- | 36   | 37  | 38  | 39   | 40 |
|                    | 34 |        |        |        |      |     |     |      |    |

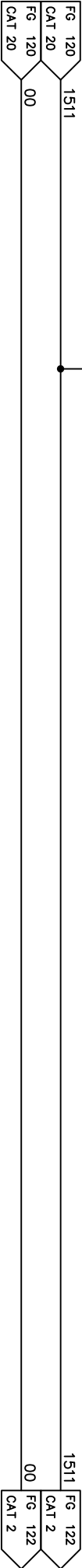
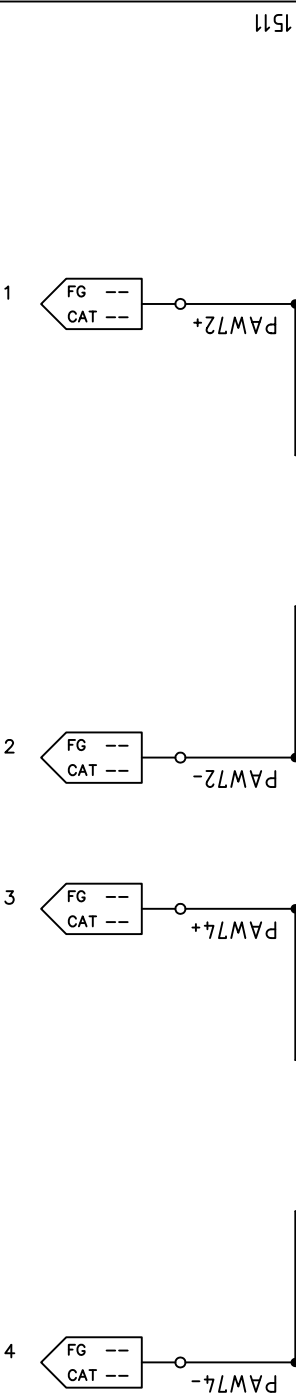
|        |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |        |
|--------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|--------|
| FG 119 | 1511 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1511  | FG 121 |
| CAT 20 |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | CAT 2 |        |
| FG 119 | 00   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 00    | FG 121 |
| CAT 20 |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | CAT 2 |        |

|                                                                                                                                                                              |   |   |   |   |   |   |   |   |    |                                          |    |                        |    |                            |    |               |    |            |    |    |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|------------------------------------------|----|------------------------|----|----------------------------|----|---------------|----|------------|----|----|--|
| 1                                                                                                                                                                            | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13                     | 14 | 15                         | 16 | 17            | 18 | 19         | 20 | 21 |  |
|  <div>Sede operativa<br/>Via G. Luraghi<br/>Pomigino d'Adda (No)<br/>Tel. 081 317 71 94</div> |   |   |   |   |   |   |   |   |    | CLIENTE : LEONARDO Divisione Elicotteri  |    |                        |    |                            |    |               |    |            |    |    |  |
| e-mail: info@seaindustriale.it                                                                                                                                               |   |   |   |   |   |   |   |   |    | Descrizione: RETROFITTING PRESSA INSSE-1 |    |                        |    |                            |    |               |    |            |    |    |  |
|                                                                                                                                                                              |   |   |   |   |   |   |   |   |    | USCITE ANALOGICHE                        |    |                        |    |                            |    |               |    |            |    |    |  |
|                                                                                                                                                                              |   |   |   |   |   |   |   |   |    | Commessa: S1000153                       |    | Data: 04/05/2018       |    | Revisione: 00              |    | Foglio N° 120 |    | Disegno N° |    |    |  |
|                                                                                                                                                                              |   |   |   |   |   |   |   |   |    | Disegnatore: SEA INDUSTRIALE             |    | File Name: S1000153_00 |    | Data revisione: 04/05/2018 |    | PRRC. 119     |    | SGC. 121   |    |    |  |

REGOLAZIONE ARIA  
ZONA 1

REGOLAZIONE ARIA  
ZONA 2

| SIEMENS            |    |       |      |      |      |       |      |      |      |
|--------------------|----|-------|------|------|------|-------|------|------|------|
| 6ES7332-5HF00-0A00 |    |       |      |      |      |       |      |      |      |
| A08x12 BIT         |    |       |      |      |      |       |      |      |      |
| POS. 7 - 1/4       |    |       |      |      |      |       |      |      |      |
| L +                | NC | QV0 + | S0 + | S0 - | MANA | QV1 + | S1 + | S1 - | MANA |
| 1                  | 2  | 3     | 4    | 5    | 6    | 7     | 8    | 9    | 10   |

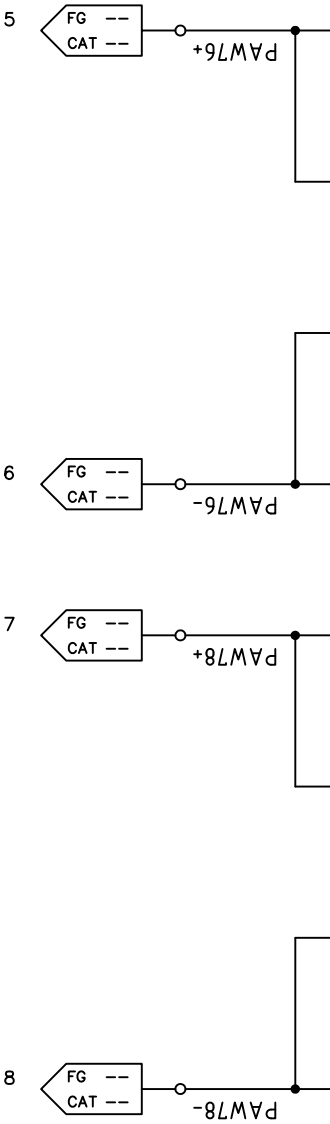


|                                                                                                                                                                                                                                  |   |   |   |   |   |   |   |   |    |    |                                                                                                                               |    |                            |    |                      |    |                   |    |    |    |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|----|-------------------------------------------------------------------------------------------------------------------------------|----|----------------------------|----|----------------------|----|-------------------|----|----|----|--|
| 1                                                                                                                                                                                                                                | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12                                                                                                                            | 13 | 14                         | 15 | 16                   | 17 | 18                | 19 | 20 | 21 |  |
|  <b>SEA</b><br>INDUSTRIALE<br>Sede operativa<br>Via G. Luraghi<br>Pomigliano d'Arco (Na)<br>Tel. 081 317 71 94<br>e-mail: info@seaindustriale.it |   |   |   |   |   |   |   |   |    |    | <b>CLIENTE :</b> LEONARDO Divisione Elicotteri<br><b>Descrizione:</b> RETROFITTING PRESSA INNSE-1<br><b>USCITE ANALOGICHE</b> |    |                            |    |                      |    |                   |    |    |    |  |
| <b>Commessa:</b> S1000153                                                                                                                                                                                                        |   |   |   |   |   |   |   |   |    |    | <b>Data:</b> 04/05/2018                                                                                                       |    | <b>Revisione:</b> 00       |    | <b>Foglio N°</b> 121 |    | <b>Disegno N°</b> |    |    |    |  |
| <b>Disegnatore:</b> SEA INDUSTRIALE S1000153_00                                                                                                                                                                                  |   |   |   |   |   |   |   |   |    |    | <b>File Name:</b> 04/05/2018                                                                                                  |    | <b>Data revisione:</b> 120 |    | <b>PRRC.</b> 122     |    | <b>SGC.</b>       |    |    |    |  |

REGOLAZIONE ARIA  
ZONA 3

REGOLAZIONE ARIA  
ZONA 4

| SIEMENS            |     |     |      |      |     |     |      |    |    |
|--------------------|-----|-----|------|------|-----|-----|------|----|----|
| 6ES7332-5HF00-0A00 |     |     |      |      |     |     |      |    |    |
| A08x12 BIT         |     |     |      |      |     |     |      |    |    |
| POS. 7 - 2/4       |     |     |      |      |     |     |      |    |    |
| QV2+               | S2+ | S2- | MANA | QV3+ | S3+ | S3- | MANA | NC | M  |
| 11                 | 12  | 13  | 14   | 15   | 16  | 17  | 18   | 19 | 20 |



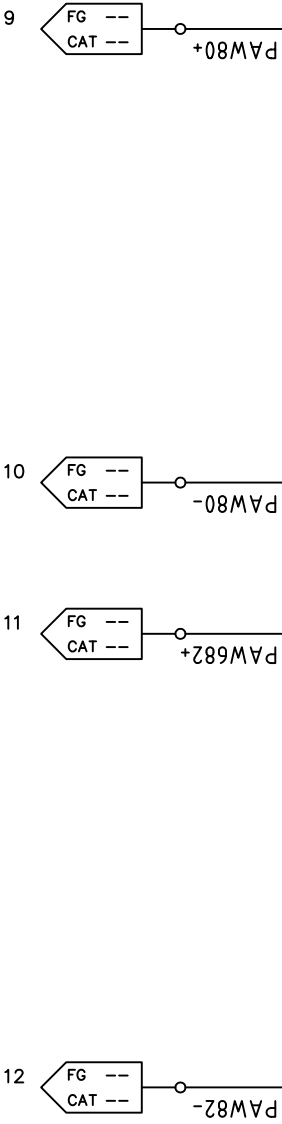
|        |      |        |
|--------|------|--------|
| FG 121 | 1511 | FG 123 |
| CAT 20 |      | CAT 2  |
| FG 121 | 00   | FG 123 |
| CAT 20 |      | CAT 2  |

|                                                                                                                                                                                 |   |   |   |   |   |   |   |   |    |    |                                                 |    |    |    |    |    |    |    |    |    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|----|-------------------------------------------------|----|----|----|----|----|----|----|----|----|
| 1                                                                                                                                                                               | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12                                              | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|  <b>SEA</b><br>Sede operativa<br>Via G. Luraghi<br>Pomigliano d'Arco (No)<br>Tel. 081 317 71 94 |   |   |   |   |   |   |   |   |    |    | <b>CLIENTE :</b> LEONARDO Divisione Elicotteri  |    |    |    |    |    |    |    |    |    |
| <b>e-mail:</b> info@seaindustriale.it                                                                                                                                           |   |   |   |   |   |   |   |   |    |    | <b>Descrizione:</b> RETROFITTING PRESSA INSSE-1 |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                 |   |   |   |   |   |   |   |   |    |    | <b>USCITE ANALOGICHE</b>                        |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                 |   |   |   |   |   |   |   |   |    |    | <b>Commesse:</b> S1000153                       |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                 |   |   |   |   |   |   |   |   |    |    | <b>Data:</b> 04/05/2018                         |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                 |   |   |   |   |   |   |   |   |    |    | <b>Revisione:</b> 00                            |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                 |   |   |   |   |   |   |   |   |    |    | <b>Disegnatore:</b> SEA INDUSTRIALE S1000153_00 |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                 |   |   |   |   |   |   |   |   |    |    | <b>File Name:</b> 04/05/2018                    |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                 |   |   |   |   |   |   |   |   |    |    | <b>Data revisione:</b> 121                      |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                 |   |   |   |   |   |   |   |   |    |    | <b>PRRC:</b> 123                                |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                 |   |   |   |   |   |   |   |   |    |    | <b>SGC:</b>                                     |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                 |   |   |   |   |   |   |   |   |    |    | <b>Foglio N°</b> 122                            |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                 |   |   |   |   |   |   |   |   |    |    | <b>Disegno N°</b>                               |    |    |    |    |    |    |    |    |    |

REGOLAZIONE ARIA  
ZONA 5

REGOLAZIONE ARIA  
ZONA 6

| SIEMENS            |    |    |    |      |    |     |    |     |    |
|--------------------|----|----|----|------|----|-----|----|-----|----|
| 6ES7332-5HF00-0A00 |    |    |    |      |    |     |    |     |    |
| A08x12 BIT         |    |    |    |      |    |     |    |     |    |
| POS. 7 - 3/4       |    |    |    |      |    |     |    |     |    |
| NC                 |    | NC |    | QV4+ |    | S4+ |    | S4- |    |
| 21                 | 22 | 23 | 24 | 25   | 26 | 27  | 28 | 29  | 30 |



|        |      |        |
|--------|------|--------|
| FG 122 | 1511 | FG 124 |
| CAT 20 |      | CAT 2  |
| FG 122 | 00   | FG 124 |
| CAT 20 |      | CAT 2  |

|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    |    |                                                |    |    |    |    |    |    |    |    |    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|----|------------------------------------------------|----|----|----|----|----|----|----|----|----|
| 1                                                                                                                                                                              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12                                             | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|  <b>SEA</b><br>Sede operativa<br>Via G. Luraghi<br>Pomigliano d'Arco (Na)<br>Tel. 081 317 71 94 |   |   |   |   |   |   |   |   |    |    | <b>CLIENTE :</b> LEONARDO Divisione Elicotteri |    |    |    |    |    |    |    |    |    |
| <b>Descrizione:</b> RETROFITTING PRESSA INSS-1                                                                                                                                 |   |   |   |   |   |   |   |   |    |    | <b>Disegnata:</b> S1000153                     |    |    |    |    |    |    |    |    |    |
| <b>USCITE ANALOGICHE</b>                                                                                                                                                       |   |   |   |   |   |   |   |   |    |    | <b>Data:</b> 04/05/2018                        |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    |    | <b>Revisione:</b> 00                           |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    |    | <b>File Name:</b> 04/05/2018                   |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    |    | <b>Data revisione:</b> 122                     |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    |    | <b>PRRC:</b> 124                               |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    |    | <b>SGC:</b>                                    |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    |    | <b>Disegno N°</b>                              |    |    |    |    |    |    |    |    |    |
| <b>e-mail:</b> info@seaindustriale.it                                                                                                                                          |   |   |   |   |   |   |   |   |    |    |                                                |    |    |    |    |    |    |    |    |    |



DISPONIBILE

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| SIEMENS            |    |     |    |     |    |      |    |      |    |
| 6ES7332-5HF00-0A00 |    |     |    |     |    |      |    |      |    |
| A08x12 BIT         |    |     |    |     |    |      |    |      |    |
| POS. 7 - 4/4       |    |     |    |     |    |      |    |      |    |
| QV6+               |    | S6+ |    | S6- |    | MANA |    | QV7+ |    |
| 31                 | 32 | 33  | 34 | 35  | 36 | 37   | 38 | 39   | 40 |



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| FG 123 | 1511 | FG 125 |
| CAT 20 |      | CAT 2  |
| FG 123 | 00   | FG 125 |
| CAT 20 |      | CAT 2  |

|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    |                                          |    |    |    |    |    |    |    |    |    |    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|------------------------------------------|----|----|----|----|----|----|----|----|----|----|
| 1                                                                                                                                                                              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|  <div>Sede operativa<br/>Via G. Luraghi<br/>Pomigliano d'Arco (Na)<br/>Tel. 081 317 71 94</div> |   |   |   |   |   |   |   |   |    | CLIENTE : LEONARDO Divisione Elicotteri  |    |    |    |    |    |    |    |    |    |    |
| e-mail: info@seaindustriale.it                                                                                                                                                 |   |   |   |   |   |   |   |   |    | Descrizione: RETROFITTING PRESSA INSSE-1 |    |    |    |    |    |    |    |    |    |    |
| USCITE ANALOGICHE                                                                                                                                                              |   |   |   |   |   |   |   |   |    | Commesse: S1000153                       |    |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    | Data: 04/05/2018                         |    |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    | Revisione: 00                            |    |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    | Foglio N° 124                            |    |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    | Disegnò N°                               |    |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    | Disegnatore: SEA INDUSTRIALE S1000153_00 |    |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    | Data revisione: 04/05/2018               |    |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    | PRRC. 123                                |    |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    | Sgc. 125                                 |    |    |    |    |    |    |    |    |    |    |

TERMOCOPPIA ARIA ZONA 1  
VERSO IL REGISTRATORE

TERMOCOPPIA ARIA ZONA 2  
VERSO IL REGISTRATORE

| SIEMENS            |     |   |   |   |   |   |   |   |    |
|--------------------|-----|---|---|---|---|---|---|---|----|
| 6ES7332-5HF00-0A00 |     |   |   |   |   |   |   |   |    |
| AO8x12 BIT         |     |   |   |   |   |   |   |   |    |
| POS. 8 - 1/4       |     |   |   |   |   |   |   |   |    |
| 1                  | L + | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 10 |
|                    |     |   |   |   |   |   |   |   |    |

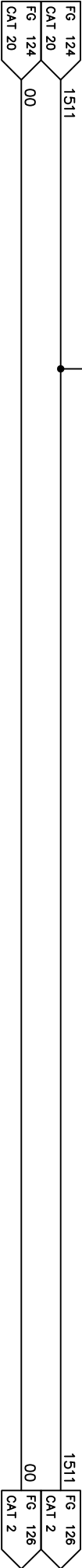
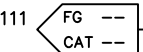
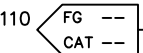
1511

P AW88 +

P AW88 -

P AW90 +

P AW90 -



|                                                 |   |   |   |   |   |   |   |   |    |    |                                                 |    |    |    |    |    |    |    |    |    |
|-------------------------------------------------|---|---|---|---|---|---|---|---|----|----|-------------------------------------------------|----|----|----|----|----|----|----|----|----|
| 1                                               | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12                                              | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|                                                 |   |   |   |   |   |   |   |   |    |    | <b>CLIENTE :</b> LEONARDO Divisione Elicotteri  |    |    |    |    |    |    |    |    |    |
| <b>Descrizione:</b> RETROFITTING PRESSA INSSE-1 |   |   |   |   |   |   |   |   |    |    | <b>Commissa:</b> S1000153                       |    |    |    |    |    |    |    |    |    |
| <b>USCITE ANALOGICHE</b>                        |   |   |   |   |   |   |   |   |    |    | <b>Data:</b> 04/05/2018                         |    |    |    |    |    |    |    |    |    |
|                                                 |   |   |   |   |   |   |   |   |    |    | <b>Disegnatore:</b> SEA INDUSTRIALE S1000153_00 |    |    |    |    |    |    |    |    |    |
|                                                 |   |   |   |   |   |   |   |   |    |    | <b>File Name:</b> 04/05/2018                    |    |    |    |    |    |    |    |    |    |
|                                                 |   |   |   |   |   |   |   |   |    |    | <b>Data revisione:</b> 124                      |    |    |    |    |    |    |    |    |    |
|                                                 |   |   |   |   |   |   |   |   |    |    | <b>PRRC:</b> 126                                |    |    |    |    |    |    |    |    |    |
|                                                 |   |   |   |   |   |   |   |   |    |    | <b>SEC:</b>                                     |    |    |    |    |    |    |    |    |    |
|                                                 |   |   |   |   |   |   |   |   |    |    | <b>Disegno N°</b>                               |    |    |    |    |    |    |    |    |    |

e-mail: info@seaindustriale.it

TERMOCOPPIA ARIA ZONA 3

TERMOCOPPIA ARIA ZONA 4

VERSO REGISTRATORE

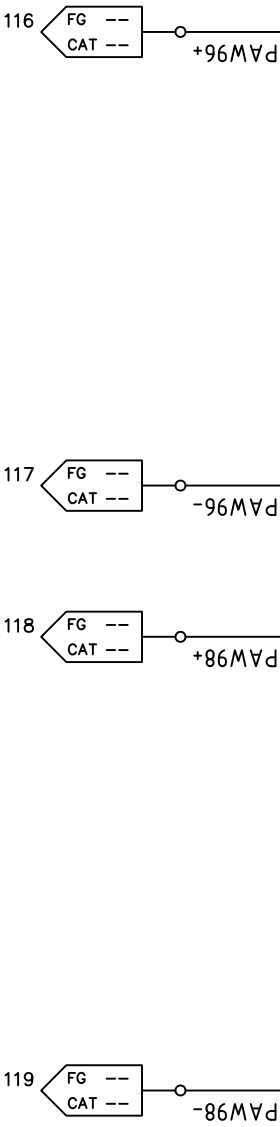
VERSO REGISTRATORE

| SIEMENS            |  |     |  |     |  |      |  |      |  |
|--------------------|--|-----|--|-----|--|------|--|------|--|
| 6ES7332-5HF00-0A00 |  |     |  |     |  |      |  |      |  |
| A08x12 BIT         |  |     |  |     |  |      |  |      |  |
| POS. 8 – 2/4       |  |     |  |     |  |      |  |      |  |
| QV2+               |  | S2+ |  | S2- |  | MANA |  | QV3+ |  |
| 11                 |  | 12  |  | 13  |  | 14   |  | 15   |  |
| ☑                  |  | ☑   |  | ☑   |  | ☑    |  | ☑    |  |
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TERMOCOPIA ARIA ZONA 5  
VERSO REGISTRATORE

TERMOCOPIA ARIA ZONA 6  
VERSO REGISTRATORE

| SIEMENS            |    |      |    |      |    |     |    |      |    |
|--------------------|----|------|----|------|----|-----|----|------|----|
| 6ES7332-5HF00-0A00 |    |      |    |      |    |     |    |      |    |
| A08x12 BIT         |    |      |    |      |    |     |    |      |    |
| POS. 8 - 3/4       |    |      |    |      |    |     |    |      |    |
| NC                 | 21 | NC   | 22 | QV4+ | 23 | S4+ | 24 | S4-  | 25 |
|                    | 21 |      | 22 |      | 23 |     | 24 |      | 25 |
| MANA               | 26 | QV5+ | 27 | S5+  | 28 | S5- | 29 | MANA | 30 |
|                    | 26 |      | 27 |      | 28 |     | 29 |      | 30 |



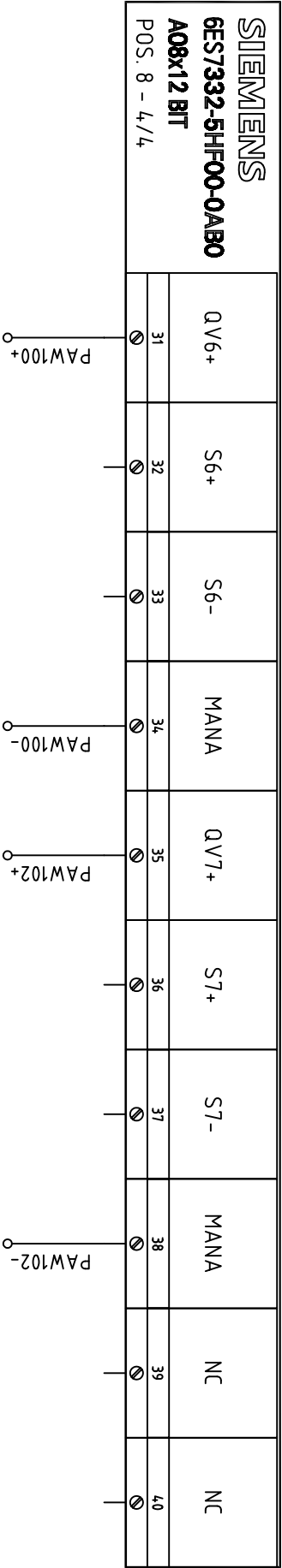
|        |      |        |
|--------|------|--------|
| FG 126 | 1511 | FG 128 |
| CAT 20 |      | CAT 2  |
| FG 126 | 00   | FG 128 |
| CAT 20 |      | CAT 2  |

|                                                                                                                                                                                            |   |   |   |   |   |   |   |   |    |    |                                                 |    |    |    |    |    |    |    |    |    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|----|-------------------------------------------------|----|----|----|----|----|----|----|----|----|
| 1                                                                                                                                                                                          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12                                              | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|  <b>SEA INDUSTRIALE</b><br>Sede operativa<br>Via G. Luigini<br>Pontoglio (Asolo) (TV)<br>Tel: 081 317 71 84 |   |   |   |   |   |   |   |   |    |    | <b>CLIENTE :</b> LEONARDO Divisione Elicotteri  |    |    |    |    |    |    |    |    |    |
| <b>Descrizione:</b> RETROFITTING PRESSA INSSE-1                                                                                                                                            |   |   |   |   |   |   |   |   |    |    | <b>Commesse:</b> S1000153                       |    |    |    |    |    |    |    |    |    |
| USCITE ANALOGICHE                                                                                                                                                                          |   |   |   |   |   |   |   |   |    |    | <b>Data:</b> 04/05/2018                         |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                            |   |   |   |   |   |   |   |   |    |    | <b>File Name:</b> 04/05/2018                    |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                            |   |   |   |   |   |   |   |   |    |    | <b>Disegnatore:</b> SEA INDUSTRIALE S1000153_00 |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                            |   |   |   |   |   |   |   |   |    |    | <b>Data revisione:</b> 00                       |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                            |   |   |   |   |   |   |   |   |    |    | <b>Foglio N°</b> 127                            |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                            |   |   |   |   |   |   |   |   |    |    | <b>PRRC.</b> 126                                |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                            |   |   |   |   |   |   |   |   |    |    | <b>SEC.</b> 129                                 |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                            |   |   |   |   |   |   |   |   |    |    | <b>Disegno N°</b>                               |    |    |    |    |    |    |    |    |    |

e-mail: info@seaindustriale.it

DISPONIBILE

DISPONIBILE



FG 127

CAT 20

1511

FG 127

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FG 129

CAT 2

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|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    |                                          |    |    |    |    |    |    |    |    |    |    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|------------------------------------------|----|----|----|----|----|----|----|----|----|----|
| 1                                                                                                                                                                              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|  <div>Sede operativa<br/>Via G. Luraghi<br/>Pomigliano d'Arco (Na)<br/>Tel. 081 317 71 94</div> |   |   |   |   |   |   |   |   |    | CLIENTE : LEONARDO Divisione Elicotteri  |    |    |    |    |    |    |    |    |    |    |
| e-mail: info@seaindustriale.it                                                                                                                                                 |   |   |   |   |   |   |   |   |    | Descrizione: RETROFITTING PRESSA INSSE-1 |    |    |    |    |    |    |    |    |    |    |
| USCITE ANALOGICHE                                                                                                                                                              |   |   |   |   |   |   |   |   |    | Commesse: S1000153                       |    |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    | Disegnatore: SEA INDUSTRIALE S1000153_00 |    |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    | Data: 04/05/2018                         |    |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    | Revisione: 00                            |    |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    | Foglio N° 128                            |    |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    | Disegno N°                               |    |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    | PRRC. 127                                |    |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    | Sic. 129                                 |    |    |    |    |    |    |    |    |    |    |

REGOLAZIONE TONNELLAGGIO  
VERSO REGISTRATORE  
DISPONIBILE  
--

| SIEMENS                                                                               |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 6ES7332-5HF00-0A00                                                                    |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| AO8x12 BIT                                                                            |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| POS. 9 - 1/4                                                                          |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| L +                                                                                   | NC                                                                                    | QV0 +                                                                                 | S0 +                                                                                  | S0 -                                                                                  | MANA                                                                                 | QV1 +                                                                               | S1 +                                                                                | S1 -                                                                                | MANA                                                                                |
| 1                                                                                     | 2                                                                                     | 3                                                                                     | 4                                                                                     | 5                                                                                     | 6                                                                                    | 7                                                                                   | 8                                                                                   | 9                                                                                   | 10                                                                                  |
|  |  |  |  |  |  |  |  |  |  |

DISPONIBILE

|                    |  |        |      |      |      |        |      |      |      |    |    |
|--------------------|--|--------|------|------|------|--------|------|------|------|----|----|
| SIEMENS            |  | Q V2 + | S2 + | S2 - | MANA | Q V3 + | S3 + | S3 - | MANA | NC | M  |
| 6ES7332-5HF00-0A00 |  |        |      |      |      |        |      |      |      |    |    |
| A08x12 BIT         |  |        |      |      |      |        |      |      |      |    |    |
| POS. 9 - 2/4       |  | 11     | 12   | 13   | 14   | 15     | 16   | 17   | 18   | 19 | 20 |



|        |      |        |
|--------|------|--------|
| FG 129 | 1511 | FG 131 |
| CAT 20 |      | CAT 2  |
| FG 129 | 00   | FG 131 |
| CAT 20 |      | CAT 2  |

|                                                                                 |   |   |   |   |   |   |   |   |    |    |                                                                                         |    |    |    |    |    |    |    |    |    |
|---------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|----|-----------------------------------------------------------------------------------------|----|----|----|----|----|----|----|----|----|
| 1                                                                               | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12                                                                                      | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|  |   |   |   |   |   |   |   |   |    |    | <b>Sede operativa</b><br>Via G. Luraghi<br>Pomigliano d'Arco (Na)<br>Tel. 081 317 71 94 |    |    |    |    |    |    |    |    |    |
| <b>CLIENTE :</b> LEONARDO Divisione Elicotteri                                  |   |   |   |   |   |   |   |   |    |    | <b>Commissa:</b> S1000153                                                               |    |    |    |    |    |    |    |    |    |
| <b>Descrizione:</b> RETROFITTING PRESSA INSSE-1                                 |   |   |   |   |   |   |   |   |    |    | <b>Data:</b> 04/05/2018                                                                 |    |    |    |    |    |    |    |    |    |
| <b>USCITE ANALOGICHE</b>                                                        |   |   |   |   |   |   |   |   |    |    | <b>File Name:</b> 04/05/2018                                                            |    |    |    |    |    |    |    |    |    |
| <b>e-mail:</b> info@secdindustriale.it                                          |   |   |   |   |   |   |   |   |    |    | <b>Disegnatore:</b> SEA INDUSTRIALE S1000153_00                                         |    |    |    |    |    |    |    |    |    |
|                                                                                 |   |   |   |   |   |   |   |   |    |    | <b>PRRC:</b> 129                                                                        |    |    |    |    |    |    |    |    |    |
|                                                                                 |   |   |   |   |   |   |   |   |    |    | <b>SGC:</b> 131                                                                         |    |    |    |    |    |    |    |    |    |
|                                                                                 |   |   |   |   |   |   |   |   |    |    | <b>Foglio N°</b> 130                                                                    |    |    |    |    |    |    |    |    |    |
|                                                                                 |   |   |   |   |   |   |   |   |    |    | <b>Disegno N°</b>                                                                       |    |    |    |    |    |    |    |    |    |

DISPONIBILE

|                    |    |      |     |     |      |      |     |     |      |
|--------------------|----|------|-----|-----|------|------|-----|-----|------|
| SIEMENS            |    |      |     |     |      |      |     |     |      |
| 6ES7332-5HF00-0A00 |    |      |     |     |      |      |     |     |      |
| A08x12 BIT         |    |      |     |     |      |      |     |     |      |
| POS. 9 - 3/4       |    |      |     |     |      |      |     |     |      |
| NC                 | NC | QV4+ | S4+ | S4- | MANA | QV5+ | S5+ | S5- | MANA |
| 21                 | 22 | 23   | 24  | 25  | 26   | 27   | 28  | 29  | 30   |
| ⊗                  | ⊗  | ⊗    | ⊗   | ⊗   | ⊗    | ⊗    | ⊗   | ⊗   | ⊗    |

PAW112+

PAW112-

PAW114+

PAW114-

|        |      |        |
|--------|------|--------|
| FG 130 | 1511 | FG 132 |
| CAT 20 |      | CAT 2  |
| FG 130 | 00   | FG 132 |
| CAT 20 |      | CAT 2  |

|                                                                                                                                                                              |   |   |   |   |   |   |   |   |    |    |                                          |    |    |    |    |    |    |    |    |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|----|------------------------------------------|----|----|----|----|----|----|----|----|----|
| 1                                                                                                                                                                            | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12                                       | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|  <div>Sede operativa<br/>Via G. Luraghi<br/>Pomigino d'Adda (No)<br/>Tel. 081 317 71 94</div> |   |   |   |   |   |   |   |   |    |    | CLIENTE : LEONARDO Divisione Elicotteri  |    |    |    |    |    |    |    |    |    |
| e-mail: info@seaindustriale.it                                                                                                                                               |   |   |   |   |   |   |   |   |    |    | Descrizione: RETROFITTING PRESSA INSSE-1 |    |    |    |    |    |    |    |    |    |
| USCITE ANALOGICHE                                                                                                                                                            |   |   |   |   |   |   |   |   |    |    | Commesse: S1000153                       |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                              |   |   |   |   |   |   |   |   |    |    | Data: 04/05/2018                         |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                              |   |   |   |   |   |   |   |   |    |    | Disegnatore: SEA INDUSTRIALE S1000153_00 |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                              |   |   |   |   |   |   |   |   |    |    | File Name: 04/05/2018                    |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                              |   |   |   |   |   |   |   |   |    |    | Data revisione: 130                      |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                              |   |   |   |   |   |   |   |   |    |    | PRRC: 132                                |    |    |    |    |    |    |    |    |    |
|                                                                                                                                                                              |   |   |   |   |   |   |   |   |    |    | Sic. Diegno N°                           |    |    |    |    |    |    |    |    |    |

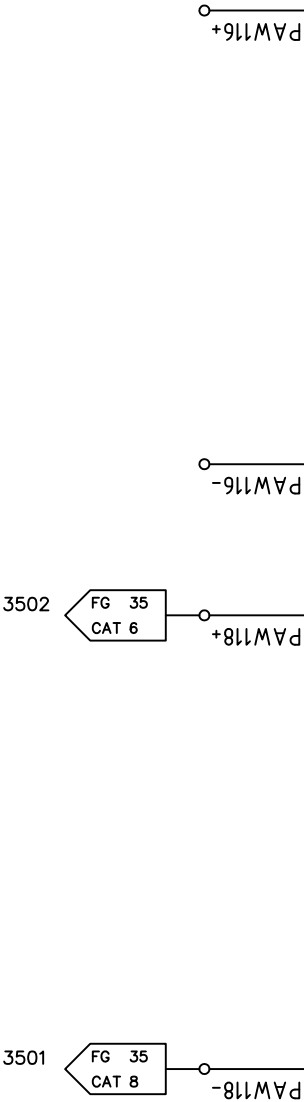


DISPONIBILE

REGOLAZIONE

PROPORZIONALE TONNELLLEGGIO

| SIEMENS            |    |    |    |    |    |    |    |    |    |
|--------------------|----|----|----|----|----|----|----|----|----|
| 6ES7332-5HF00-0A00 |    |    |    |    |    |    |    |    |    |
| A08x12 BIT         |    |    |    |    |    |    |    |    |    |
| POS. 9 - 4/4       |    |    |    |    |    |    |    |    |    |
| QV6+               | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |
|                    | 40 |    |    |    |    |    |    |    |    |



|        |      |        |
|--------|------|--------|
| FG 131 | 1511 | FG --  |
| CAT 20 |      | CAT -- |
| FG 131 | 00   | FG --  |
| CAT 20 |      | CAT -- |

|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    |                                          |    |                       |    |                     |    |               |    |            |    |    |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|------------------------------------------|----|-----------------------|----|---------------------|----|---------------|----|------------|----|----|--|
| 1                                                                                                                                                                              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11                                       | 12 | 13                    | 14 | 15                  | 16 | 17            | 18 | 19         | 20 | 21 |  |
|  <div>Sede operativa<br/>Via G. Luraghi<br/>Pomigliano d'Arco (Na)<br/>Tel. 081 317 71 94</div> |   |   |   |   |   |   |   |   |    | CLIENTE : LEONARDO Divisione Elicotteri  |    |                       |    |                     |    |               |    |            |    |    |  |
| e-mail: info@seaindustriale.it                                                                                                                                                 |   |   |   |   |   |   |   |   |    | Descrizione: RETROFITTING PRESSA INSSE-1 |    |                       |    |                     |    |               |    |            |    |    |  |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    | USCITE ANALOGICHE                        |    |                       |    |                     |    |               |    |            |    |    |  |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    | Commessa: S1000153                       |    | Data: 04/05/2018      |    | Revisione: 00       |    | Foglio N° 132 |    | Disegno N° |    |    |  |
|                                                                                                                                                                                |   |   |   |   |   |   |   |   |    | Disegnatore: SEA INDUSTRIALE S1000153_00 |    | File Name: 04/05/2018 |    | Data revisione: 131 |    | PRRC. --      |    | Sgc.       |    |    |  |