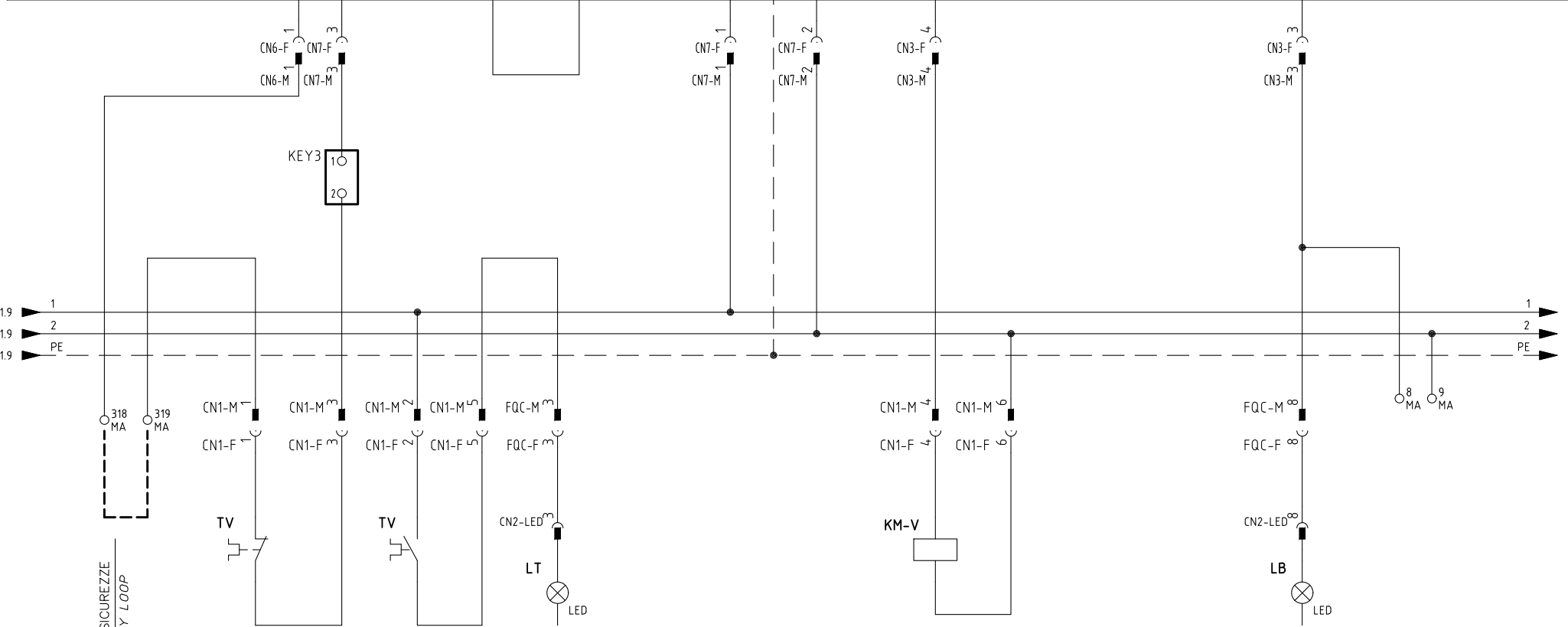
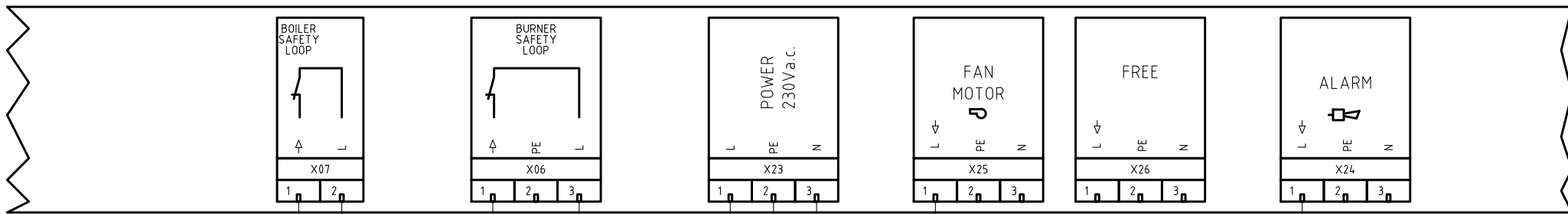
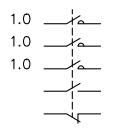


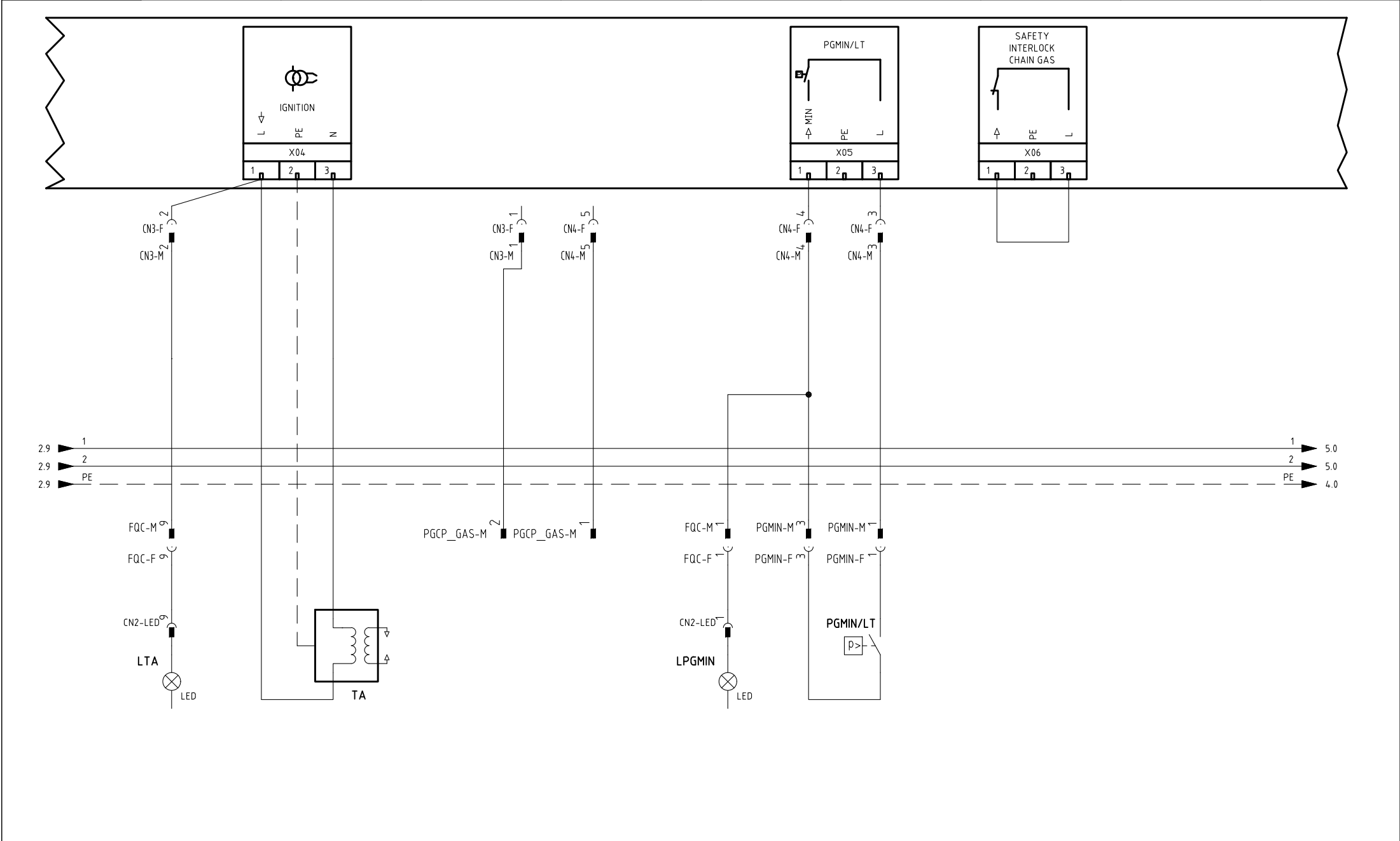




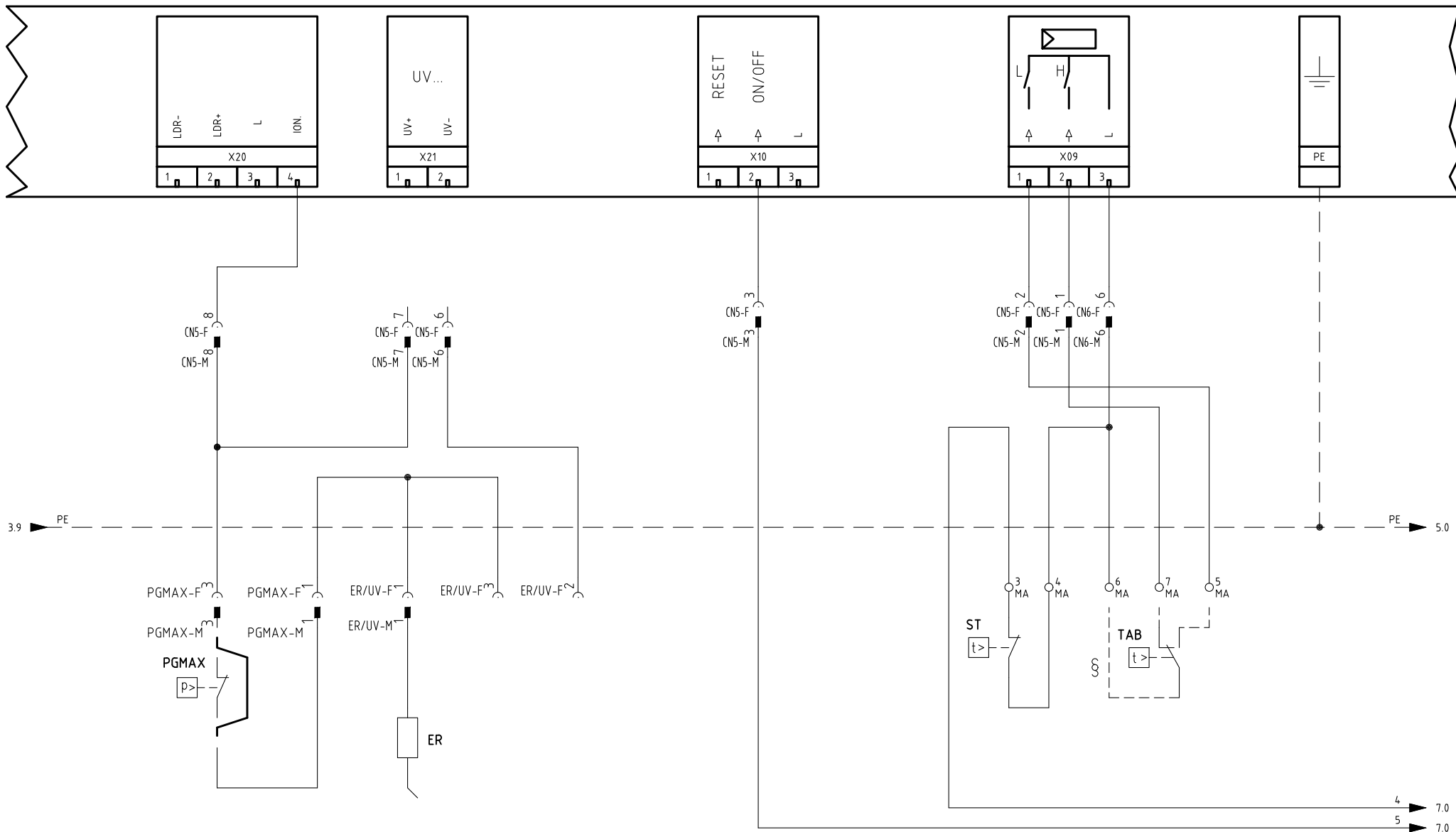
CATENA SICUREZZE  
SAFETY LOOP



|           |            |            |              |
|-----------|------------|------------|--------------|
| Data      | 28/11/2017 | PREC.      | FOGLIO       |
| Revisione | 01         | 1          | 2            |
| Dis. N.   | 09 - 0478  | SEGUE<br>3 | TOTALE<br>13 |



|           |            |       |        |
|-----------|------------|-------|--------|
| Data      | 28/11/2017 | PREC. | FOGLIO |
| Revisione | 01         | 2     | 3      |
| Dis. N.   | 09 - 0478  | SEGUE | TOTALE |
|           |            | 4     | 13     |



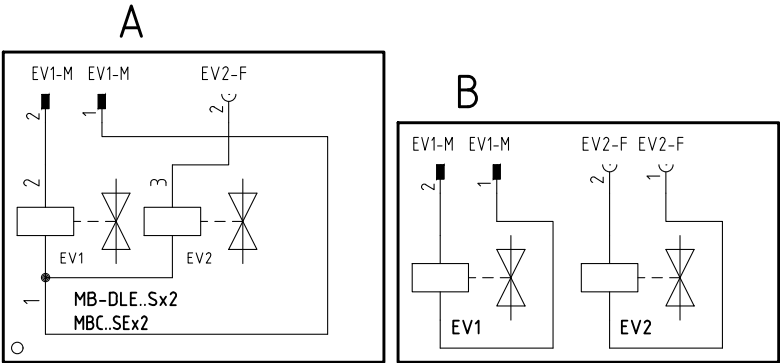
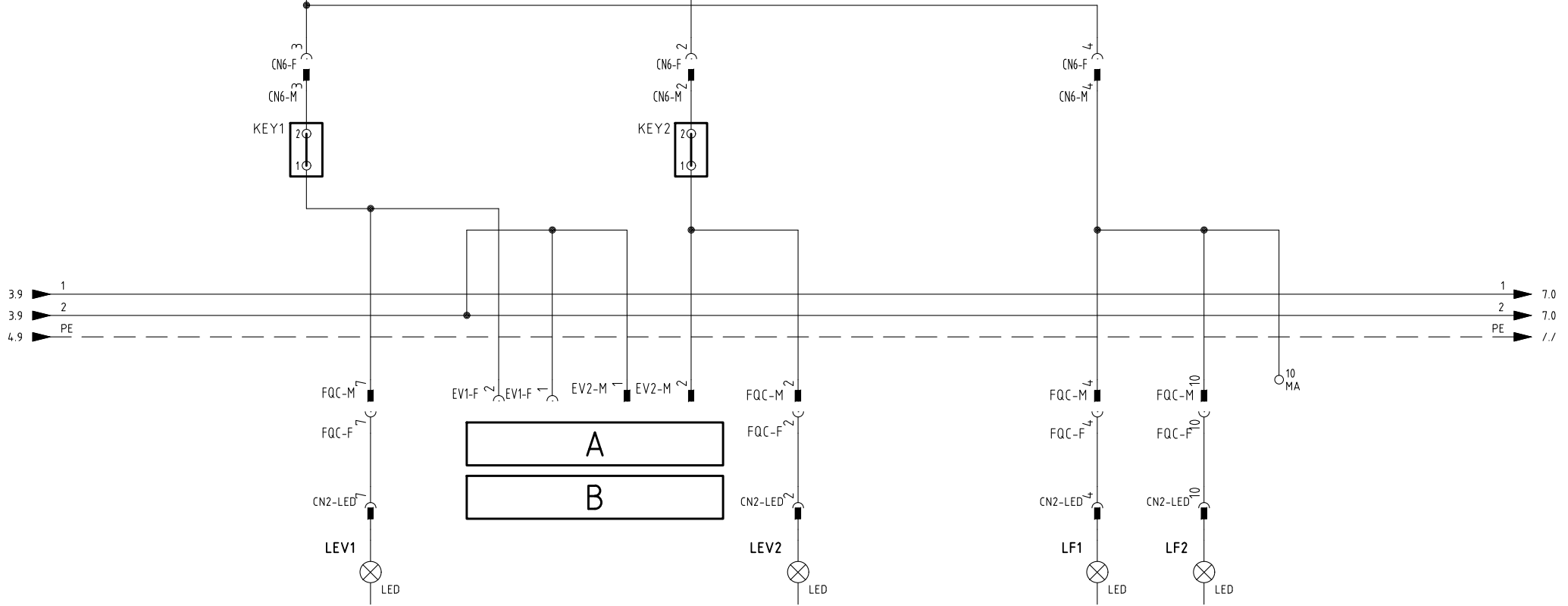
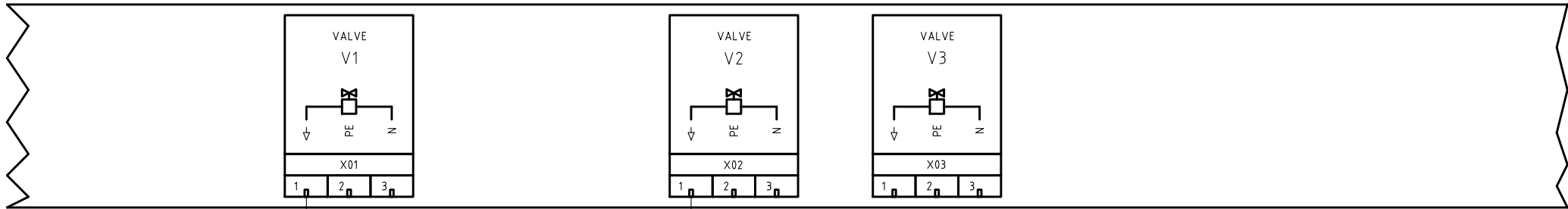
VERSIONE (PR) = USARE "TAB", TOGLIERE IL PONTE TRA I MORSETTI 6 - 7  
E PARAMETRO BT3xx 0040 = 0 (REGOLATORE OFF)

(PR) VERSION = TO USE "TAB", REMOVE THE BRIDGE BETWEEN TERMINALS 6 - 7  
AND PARAMETER BT3xx 0040 = 0 (REGULATOR OFF)

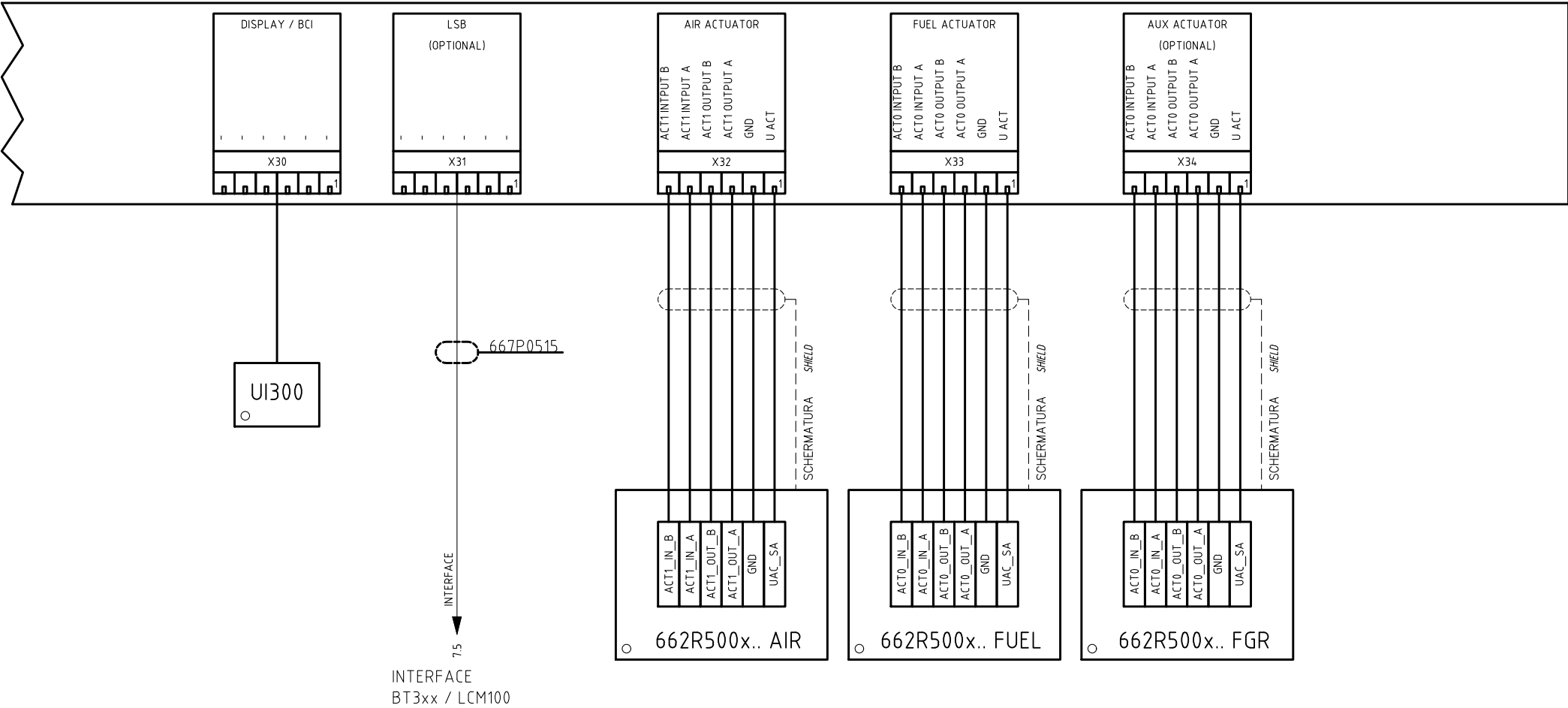
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AND PARAMETER BT3xx 0040 = 1 (REGULATOR ON)

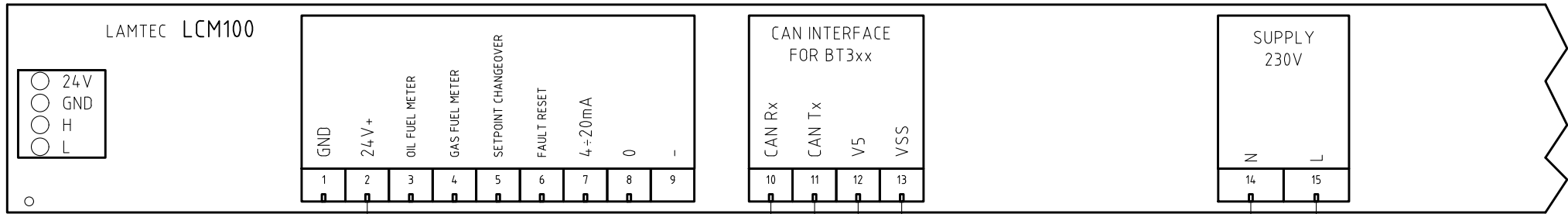
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| Data      | 28/11/2017 | PREC. | FOGLIO |
| Revisione | 01         | 3     | 4      |
| Dis. N.   | 09 - 0478  | SEGUE | TOTALE |
|           |            | 5     | 13     |



|           |            |       |        |
|-----------|------------|-------|--------|
| Data      | 28/11/2017 | PREC. | FOGLIO |
| Revisione | 01         | 4     | 5      |
| Dis. N.   | 09 - 0478  | SEGUE | TOTALE |
|           |            | 6     | 13     |



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|-----------|------------|-------|--------|
| Data      | 28/11/2017 | PREC. | FOGLIO |
| Revisione | 01         | 5     | 6      |
| Dis. N.   | 09 - 0478  | SEGUE | TOTALE |
|           |            | 7     | 13     |



POWER  
8.4

667P0515

INTERFACE  
6.3

INTERFACE  
BT3xx / LCM100

1 2  
RWF-F RWF-F

1 2  
RWF-M RWF-M

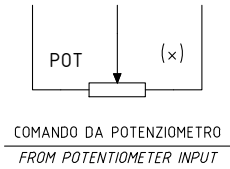
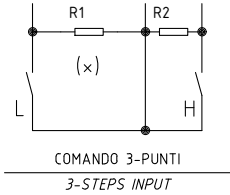
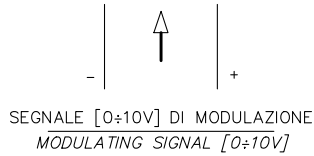
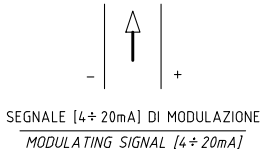
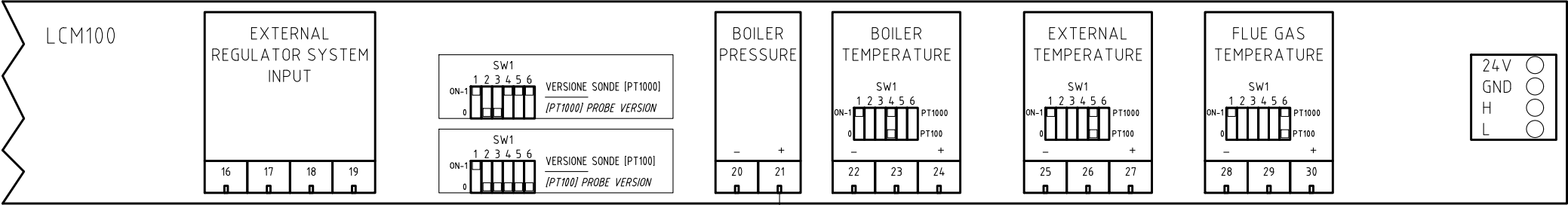
4 3  
RWF-F RWF-F

4 3  
RWF-M RWF-M

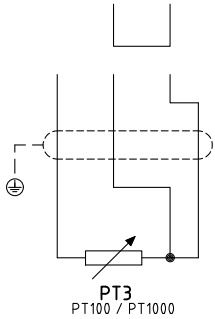
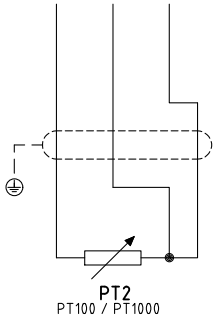
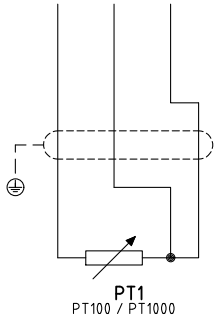
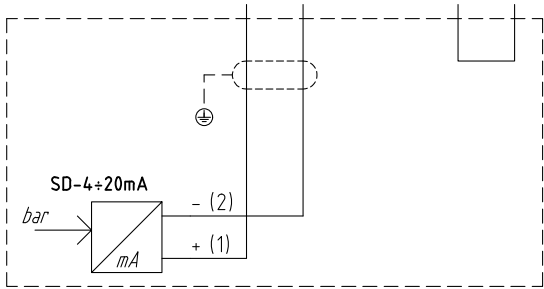
FU2  
2A

5.9 1  
5.9 2  
  
4.9 4  
4.9 5

|           |            |       |        |
|-----------|------------|-------|--------|
| Data      | 28/11/2017 | PREC. | FOGLIO |
| Revisione | 01         | 6     | 7      |
| Dis. N.   | 09 - 0478  | SEGUE | TOTALE |
|           |            | 8     | 13     |



7.2 POWER



(#)

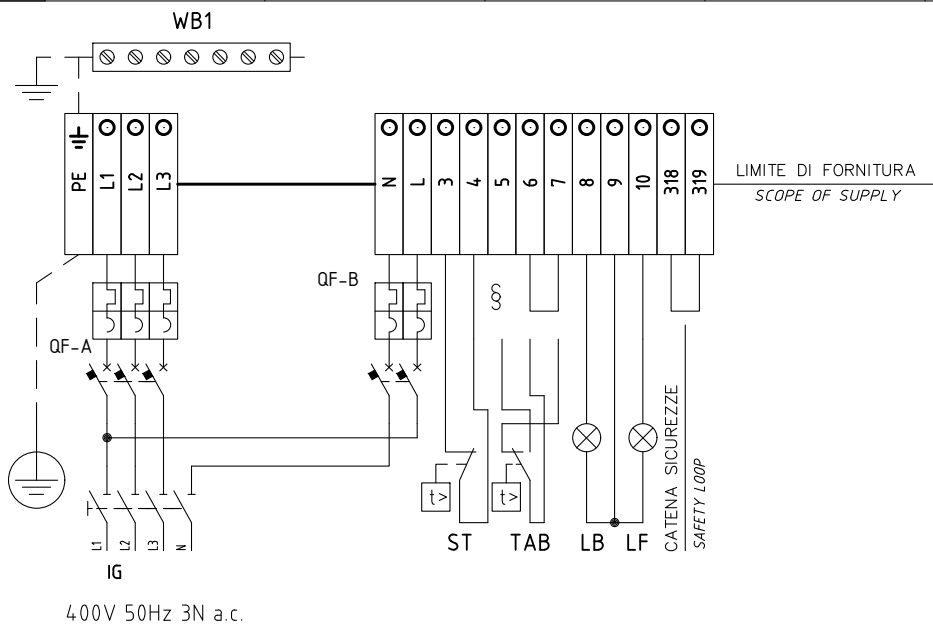
(#) PONTE PER VERSIONI SENZA Sonda FUMI  
BRIDGE FOR VERSION WITHOUT FLUE GAS PROBE

(x) R1 = R2 = POT = 2,2k0hm ÷ 22k0hm

|           |            |       |        |
|-----------|------------|-------|--------|
| Data      | 28/11/2017 | PREC. | FOGLIO |
| Revisione | 01         | 7     | 8      |
| Dis. N.   | 09 - 0478  | SEGUE | TOTALE |
|           |            | 9     | 13     |



**QUADRO QG - MORSETTIERA MA**  
MORSETTIERA ALIMENTAZIONE BRUCIATORE  
*BURNER SUPPLY TERMINAL BOARD*



400V 50Hz 3N a.c.

LIMITE DI FORNITURA  
SCOPE OF SUPPLY

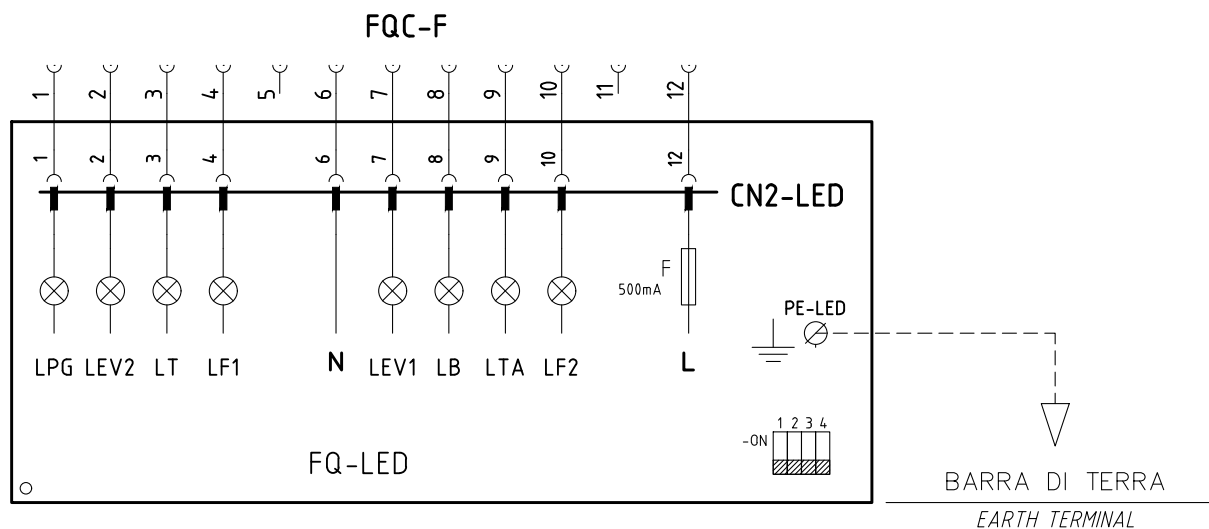
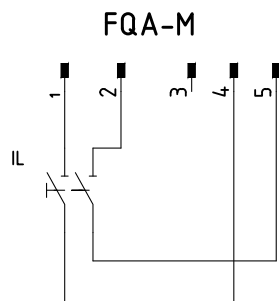
3

VERSIONE (PR) = USARE "TAB", TOGLIERE IL PONTE TRA I MORSETTI 6 - 7  
E PARAMETRO BT3xx 0040 = 0 (REGOLATORE OFF)

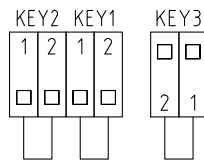
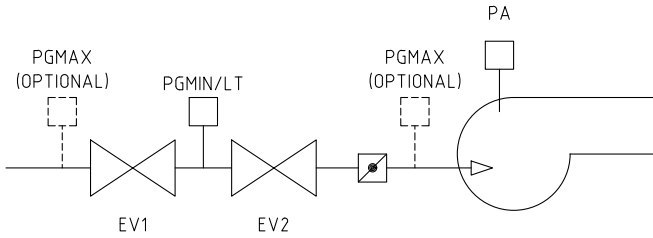
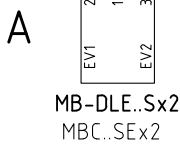
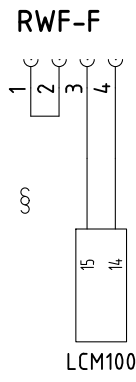
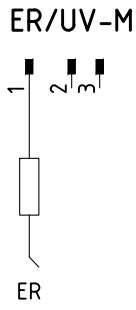
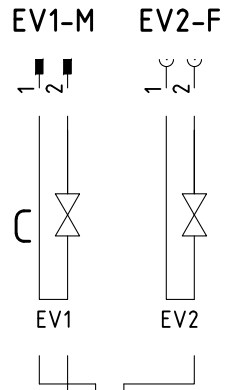
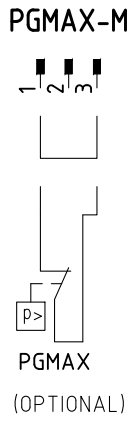
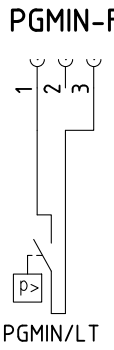
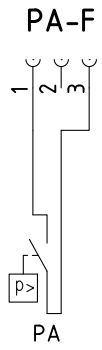
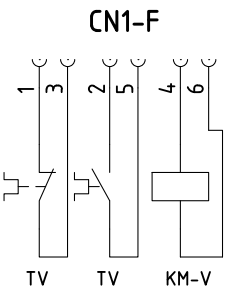
(PR) VERSION = TO USE "TAB", REMOVE THE BRIDGE BETWEEN TERMINALS 6 - 7  
AND PARAMETER BT3xx 0040 = 0 (REGULATOR OFF)

VERSIONE (MD) = CON "LCM100" TOGLIERE IL PONTE TRA I MORSETTI 6 - 7  
E PARAMETRO BT3xx 0040 = 1 (REGULATOR ON)

(MD) VERSION = REMOVE THE BRIDGE BETWEEN TERMINALS 6 - 7  
AND PARAMETER BT3xx 0040 = 1 (REGULATOR ON)



|           |            |       |        |
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| Data      | 28/11/2017 | PREC. | FOGLIO |
| Revisione | 01         | 8     | 9      |
| Dis. N.   | 09 – 0478  | SEQUE | TOTALI |
|           |            | 10    | 13     |



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VERSIONE (PR) = USARE "TAB", TOGLIERE IL PONTE TRA I MORSETTI 6 - 7  
E PARAMETRO BT3xx 0040 = 0 (REGOLATORE OFF)

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VERSIONE (MD) = CON "LCM100" TOGLIERE IL PONTE TRA I MORSETTI 6 - 7  
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AND PARAMETER BT3xx 0040 = 1 (REGULATOR ON)

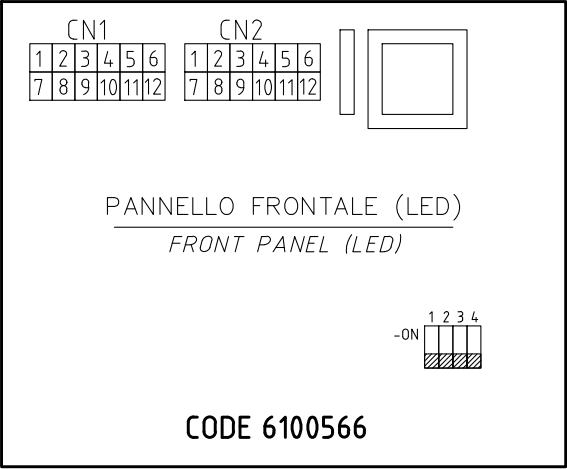
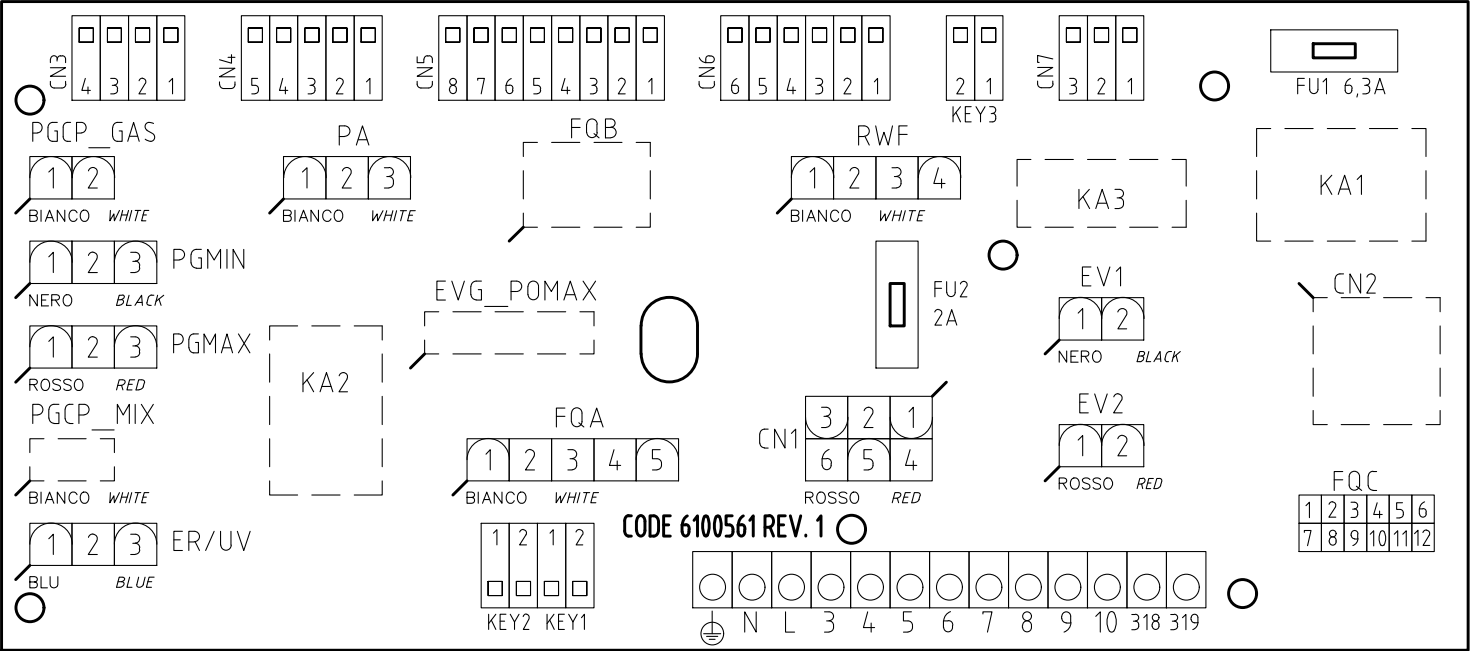
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|-----------|------------|-------|--------|
| Data      | 28/11/2017 | PREC. | FOGLIO |
| Revisione | 01         | 9     | 10     |
| Dis. N.   | 09 - 0478  | SEGUE | TOTALE |
|           |            | 11    | 13     |

| Sigla/Item      | Foglio/Sheet | Funzione                                                | Function                                              |
|-----------------|--------------|---------------------------------------------------------|-------------------------------------------------------|
| 662R500x.. AIR  | 6            | SERVOCOMANDO SERRANDA ARIA                              | AIR DAMPER ACTUATOR                                   |
| 662R500x.. FGR  | 6            | SERVOCOMANDO RICIRCOLO FUMI                             | FLUE GAS RECIRCULATION ACTUATOR                       |
| 662R500x.. FUEL | 6            | SERVOCOMANDO COMBUSTIBILE                               | FUEL ACTUATOR                                         |
| BT330           | 1            | APPARECCHIATURA DI COMANDO                              | CONTROL SCHEME                                        |
| ER              | 4            | ELETTRODO RILEVAZIONE FIAMMA                            | FLAME DETECTION ELECTRODE                             |
| EV1             | 5            | ELETTROVALVOLA GAS LATO RETE                            | UPSTREAM GAS SOLENOID VALVE                           |
| EV2             | 5            | ELETTROVALVOLA GAS LATO BRUCIATORE                      | DOWNSTREAM GAS SOLENOID VALVE                         |
| FQ-LED          | 9            | PANNELLO FRONTALE (LED)                                 | FRONT PANEL (LED)                                     |
| FU1             | 1            | FUSIBILE AUSILIARIO                                     | AUXILIARY FUSE                                        |
| FU2             | 7            | FUSIBILE                                                | FUSE                                                  |
| IG              | 1            | INTERRUTTORE GENERALE                                   | MAINS SWITCH                                          |
| IL              | 1            | INTERRUTTORE LINEA AUSILIARI                            | AUXILIARY LINE SWITCH                                 |
| KM-V            | 2            | CONTATTORE MOTORE VENTILATORE                           | FAN MOTOR CONTACTOR                                   |
| LB              | 2            | LAMPADA SEGNALAZIONE BLOCCO BRUCIATORE                  | INDICATOR LIGHT FOR BURNER LOCK-OUT                   |
| LCM100          | 7            | APPARECCHIATURA DI COMANDO                              | CONTROL SCHEME                                        |
| LEV1            | 5            | LAMPADA SEGNALAZIONE APERTURA [EV1]                     | INDICATOR LIGHT FOR OPENING OF ELECTRO-VALVE [EV1]    |
| LEV2            | 5            | LAMPADA SEGNALAZIONE APERTURA [EV2]                     | INDICATOR LIGHT FOR OPENING OF ELECTRO-VALVE [EV2]    |
| LF1             | 5            | LAMPADA SEGNALAZIONE FUNZIONAMENTO BRUCIATORE           | INDICATOR LIGHT BURNER OPERATION                      |
| LF2             | 5            | LAMPADA SEGNALAZIONE FUNZIONAMENTO BRUCIATORE           | INDICATOR LIGHT BURNER OPERATION                      |
| LPGMIN          | 3            | LAMPADA SEGNALAZIONE PRESENZA GAS IN RETE               | INDICATOR LIGHT FOR PRESENCE OF GAS IN THE NETWORK    |
| LT              | 2            | LAMPADA SEGNALAZIONE BLOCCO TERMICO MOTORE VENTILATORE  | INDICATOR LIGHT FOR FAN MOTOR OVERLOAD THERMAL CUTOUT |
| LTA             | 3            | LAMPADA SEGNALAZIONE TRASFORMATORE DI ACCENSIONE        | IGNITION TRANSFORMER INDICATOR LIGHT                  |
| MB-DLE..Sx2     | 5            | GRUPPO VALVOLE GAS                                      | GAS VALVES GROUP                                      |
| MBC..SEx2       | 5            | GRUPPO VALVOLE GAS (ALTERNATIVO)                        | GAS VALVES GROUP (ALTERNATIVE)                        |
| MV              | 1            | MOTORE VENTILATORE                                      | FAN MOTOR                                             |
| PA              | 1            | PRESSOSTATO ARIA                                        | AIR PRESSURE SWITCH                                   |
| PGMAX           | 4            | PRESSOSTATO GAS DI MASSIMA PRESSIONE (OPTIONAL)         | MAXIMUM PRESSURE GAS SWITCH (OPTIONAL)                |
| PGMIN/LT        | 3            | PRESSOSTATO GAS DI MINIMA PRESSIONE E CONTROLLO PERDITE | MINIMUM GAS AND GAS LEAKAGE PRESSURE SWITCH           |
| POT             | 8            | POTENZIOMETRO                                           | POTENTIOMETER                                         |
| PT1             | 8            | TEMPERATURA CALDAIA                                     | BOILER TEMPERATURE                                    |
| PT2             | 8            | TEMPERATURA ESTERNA                                     | EXTERNAL TEMPERATURE                                  |
| PT3             | 8            | TEMPERATURA FUMI                                        | FLUE GAS TEMPERATURE                                  |

|           |            |             |              |
|-----------|------------|-------------|--------------|
| Data      | 28/11/2017 | PREC.       | FOGLIO       |
| Revisione | 01         | 10          | 11           |
| Dis. N.   | 09 - 0478  | SEGUE<br>12 | TOTALE<br>13 |

| Sigla/Item | Foglio/Sheet | Funzione                                        | Function                                     |
|------------|--------------|-------------------------------------------------|----------------------------------------------|
| QF-A       | 1            | MAGNETOTERMICO PROTEZIONE ALIMENTAZIONE TRIFASE | THREE-PHASE POWER CIRCUIT BREAKER PROTECTION |
| QF-B       | 1            | MAGNETOTERMICO PROTEZIONE LINEA AUSILIARI       | AUXILIARY SUPPLY CIRCUIT BREAKER PROTECTION  |
| R1         | 8            | RESISTENZA                                      | RESISTOR                                     |
| R2         | 8            | RESISTENZA                                      | RESISTOR                                     |
| SD-4÷20mA  | 8            | SEGNALE IN CORRENTE                             | CURRENT SIGNAL                               |
| ST         | 4            | SERIE TERMOSTATI/PRESSOSTATI                    | SERIES OF THERMOSTATS OR PRESSURE SWITCHES   |
| TA         | 3            | TRASFORMATORE DI ACCENSIONE                     | IGNITION TRANSFORMER                         |
| TAB        | 4            | TERMOSTATO/PRESSOSTATO ALTA-BASSA FIAMMA        | HIGH-LOW THERMOSTAT/PRESSURE SWITCHES        |
| TV         | 1            | TERMICO MOTORE VENTILATORE                      | FAN MOTOR THERMAL                            |
| UI300      | 6            | INTERFACCIA UTENTE                              | USER INTERFACE                               |
| WB1        | 1            | BARRA DI TERRA                                  | EARTH TERMINAL                               |

VISTA LATO COMPONENTI  
COMPONENTS SIDE VIEW



|           |            |       |        |
|-----------|------------|-------|--------|
| Data      | 28/11/2017 | PREC. | FOGLIO |
| Revisione | 01         | 12    | 13     |
| Dis. N.   | 09 - 0478  | SEGUE | TOTALE |
|           | /          |       | 13     |