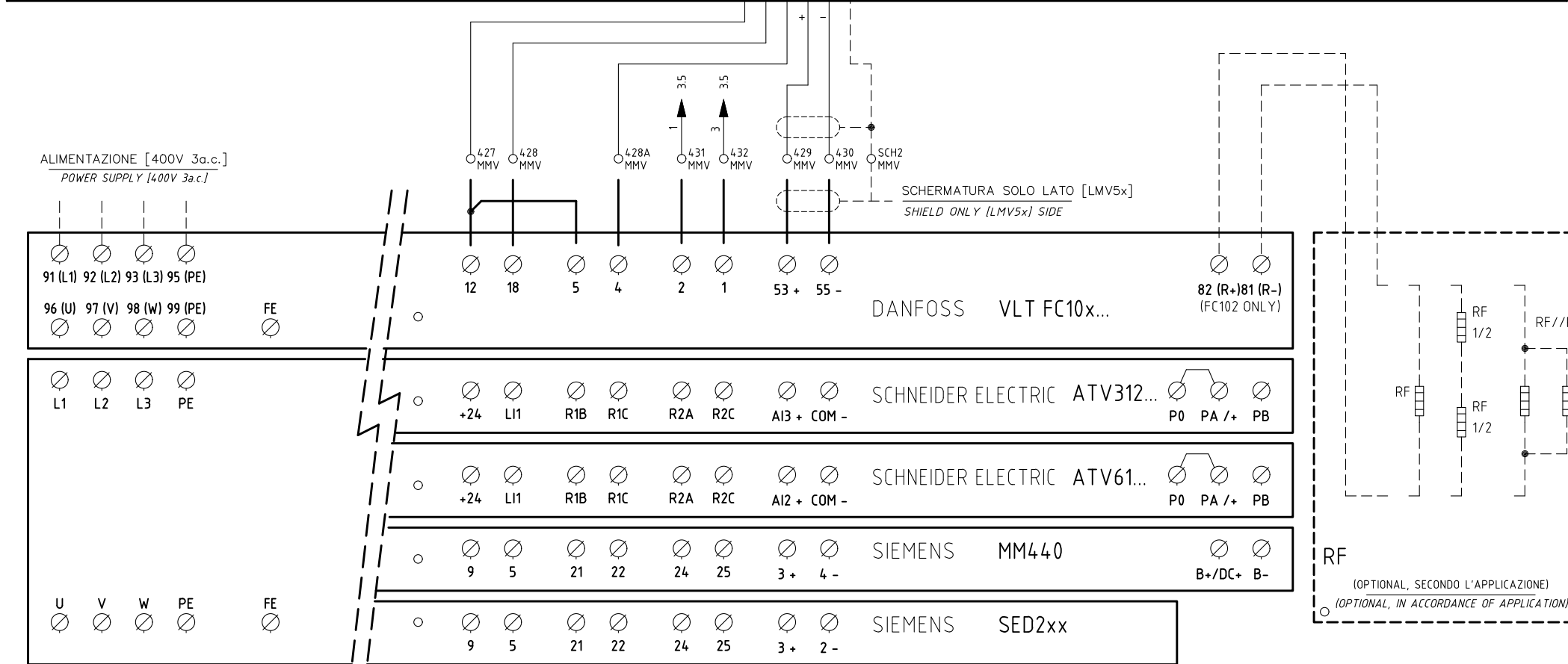
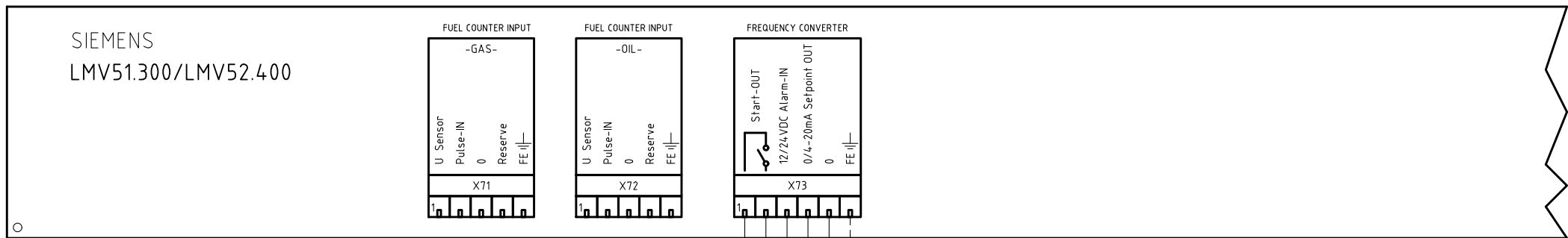
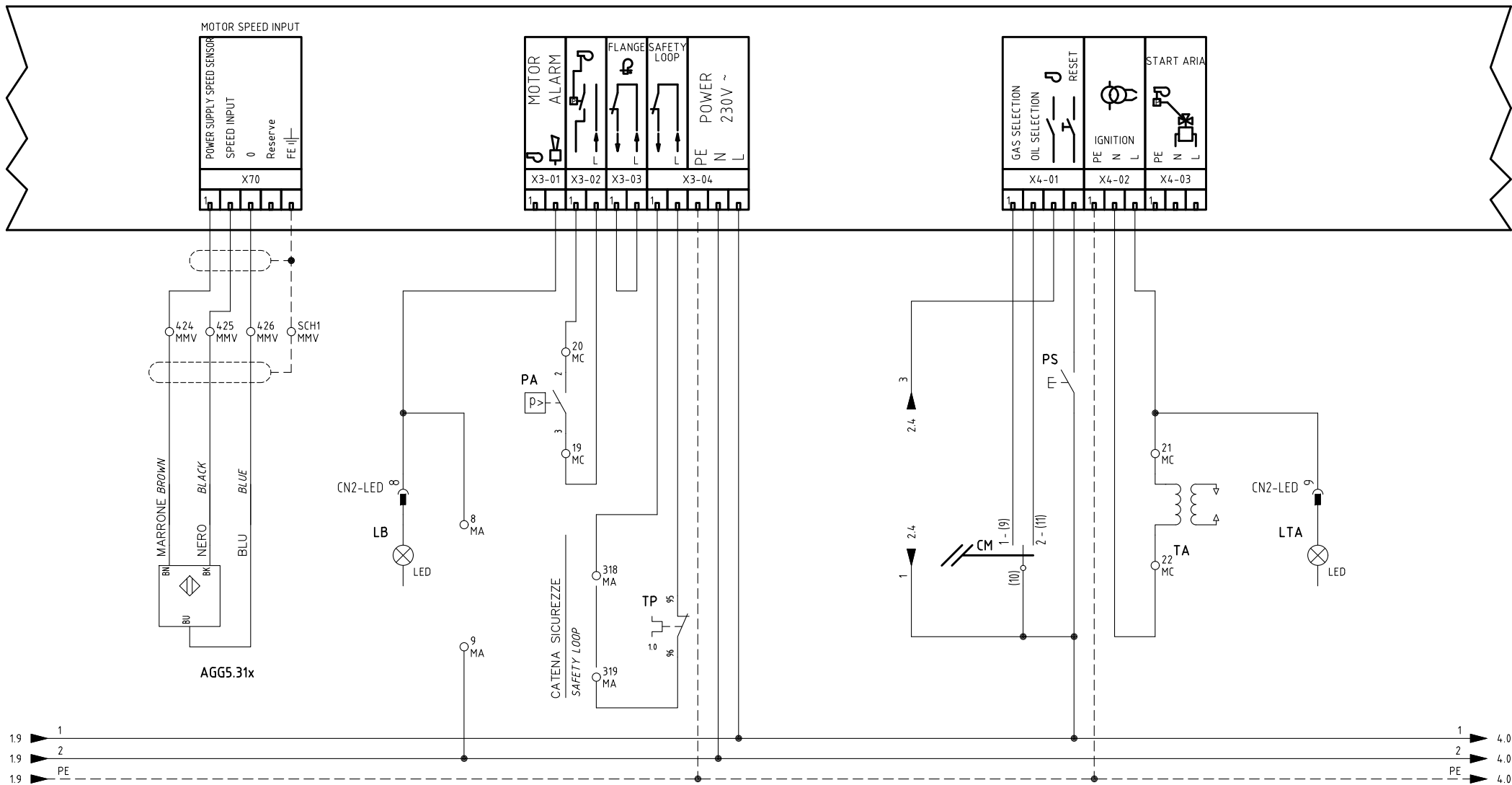
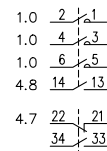
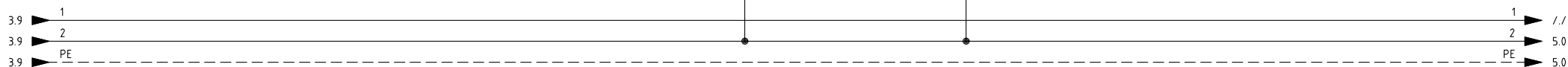
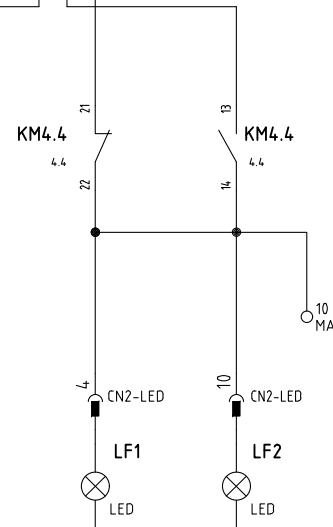
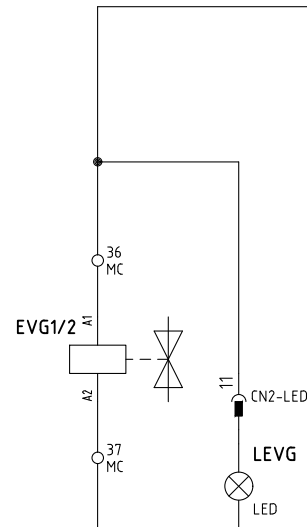
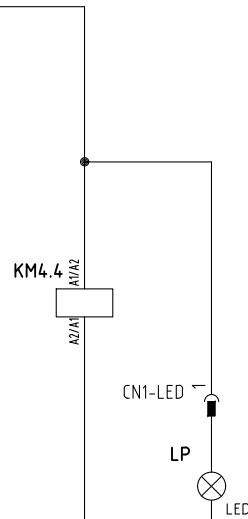
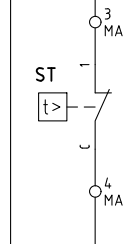
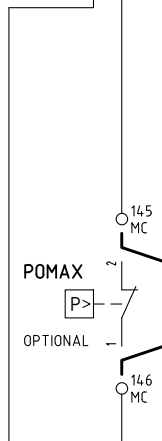
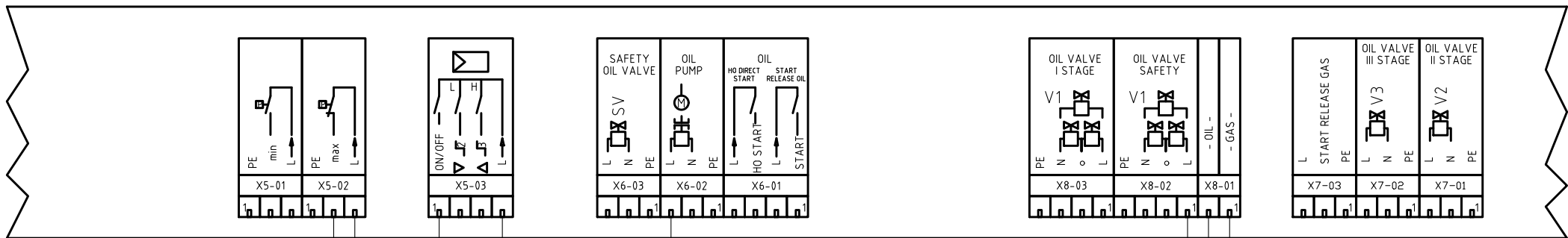
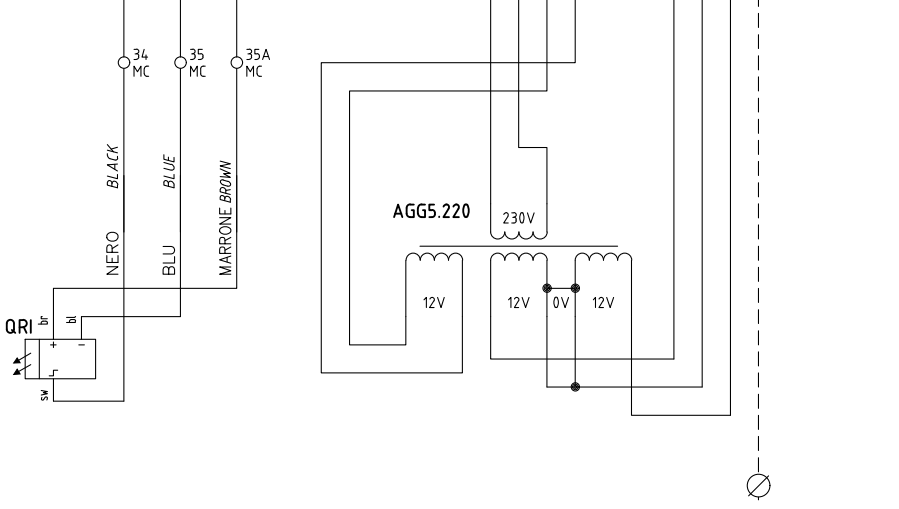
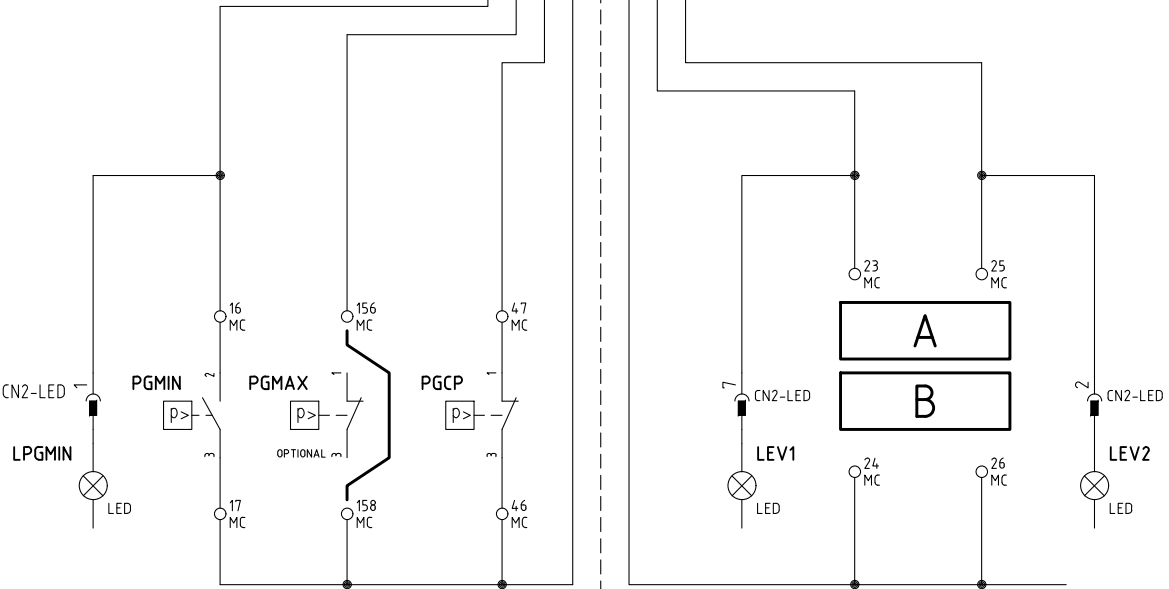




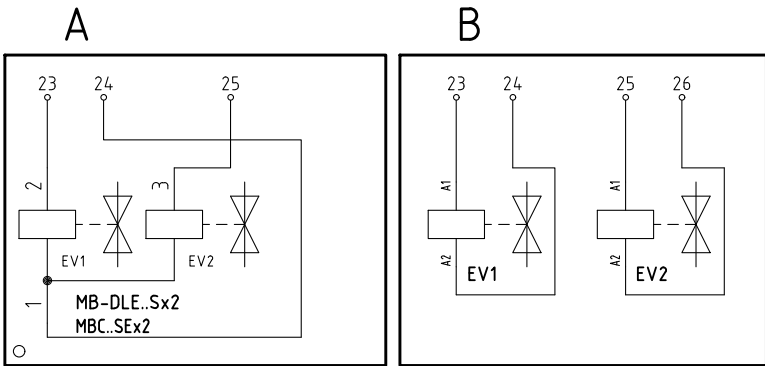
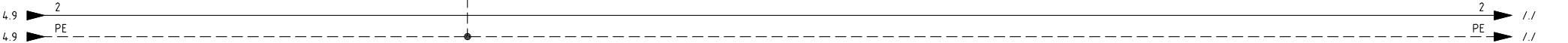
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| Data      | 27/06/2016 | PREC. | FOGLIO |
| Revisione | 01         | 2     | 3      |
| Dis. N.   | 05 - 1131  | SEGUE | TOTALE |
|           |            | 4     | 11     |



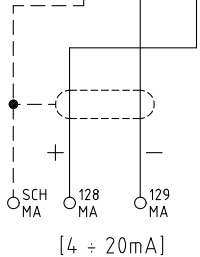
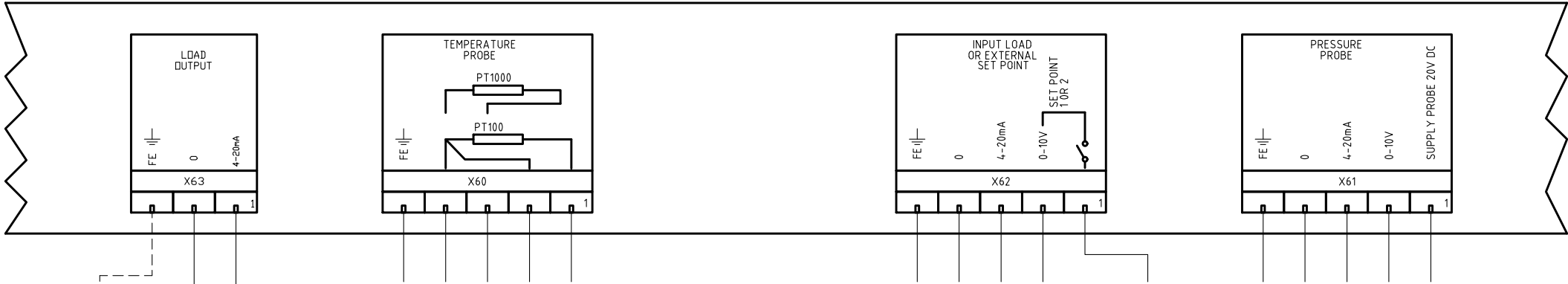
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| Dis. N.   | 05 - 1131  | SEQUE | TOTALE |
|           |            | 5     | 11     |



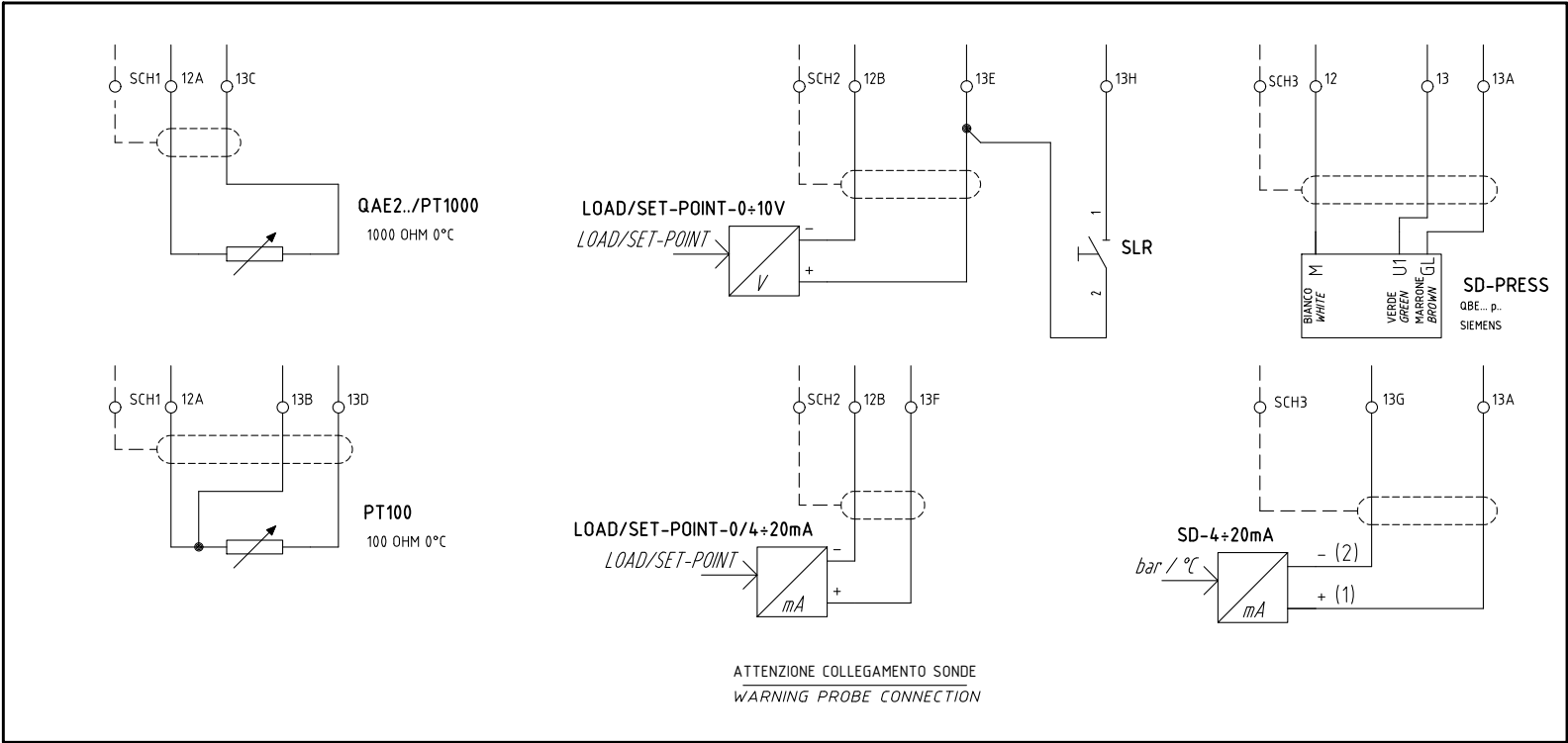
COLLEGAMENTO ELETTRICO PIU' CORTO POSSIBILE (~10cm)  
DIRETTAMENTE SU PIASTRA QUADRO ELETTRICO  
ELECTRICAL CONNECTION AS SHORT AS POSSIBLE (~ 10cm)  
DIRECTLY ELECTRIC BOX PLATE



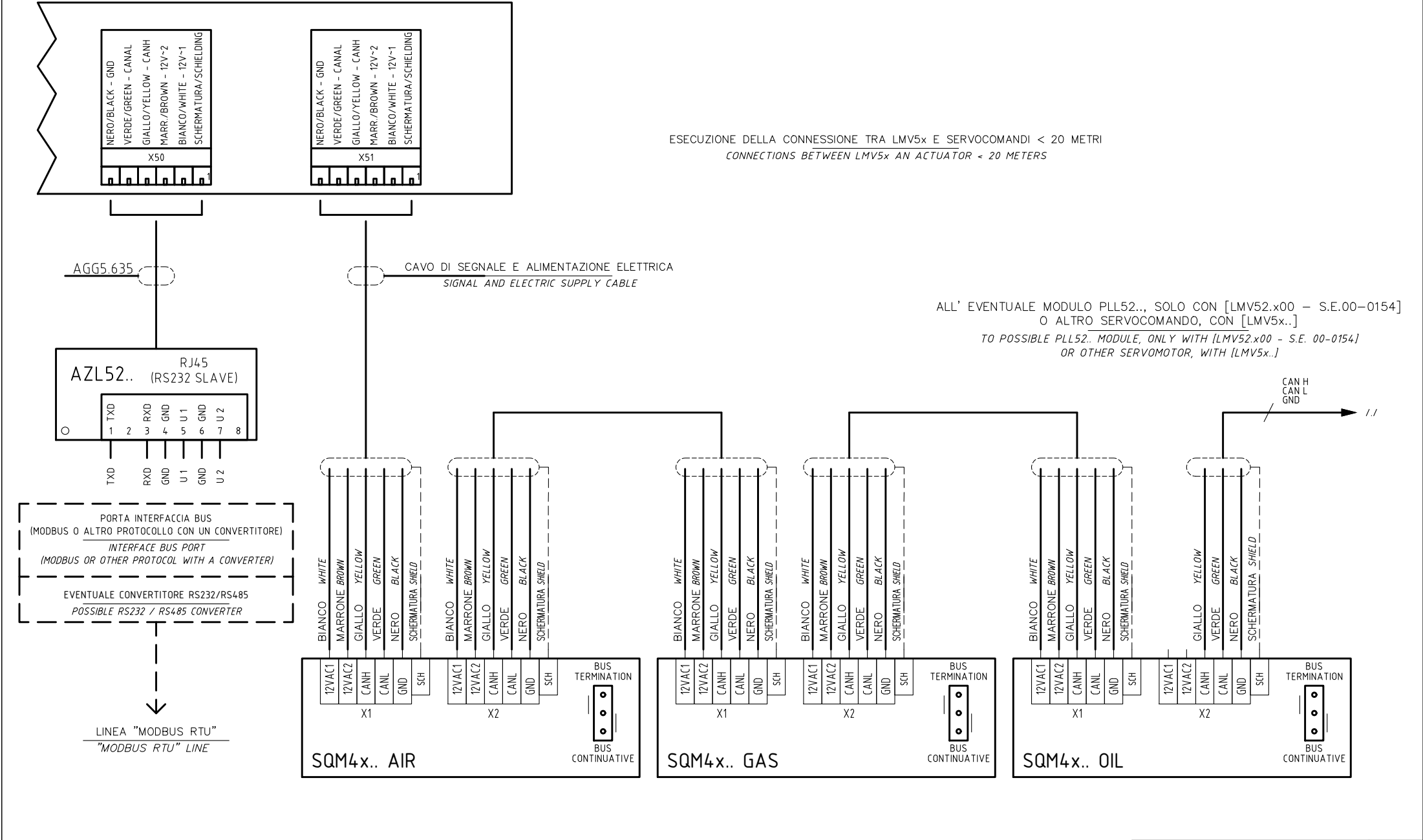
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| Revisione | 01         | 4     | 5      |
| Dis. N.   | 05 - 1131  | SEGUE | TOTALE |
|           |            | 6     | 11     |



SEGNALE IN CORRENTE PER % CARICO  
CURRENT SIGNAL FOR % LOAD

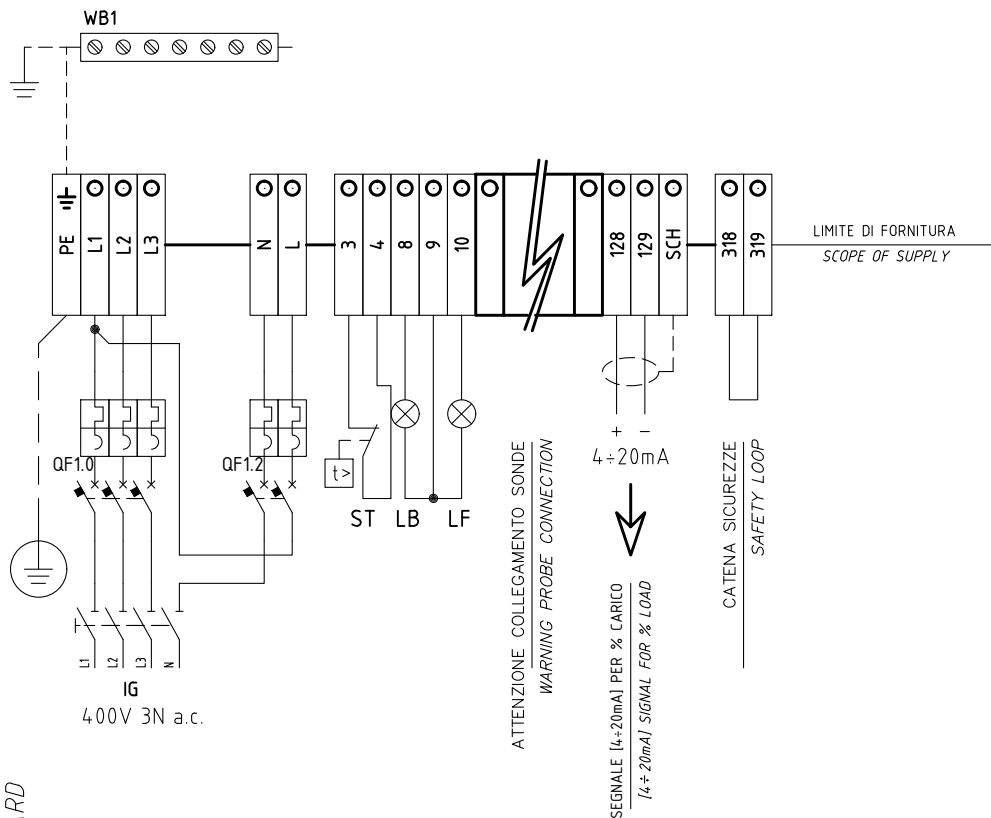


|           |            |       |        |
|-----------|------------|-------|--------|
| Data      | 27/06/2016 | PREC. | FOGLIO |
| Revisione | 01         | 5     | 6      |
| Dis. N.   | 05 - 1131  | SEGUE | TOTALE |
|           |            | 7     | 11     |



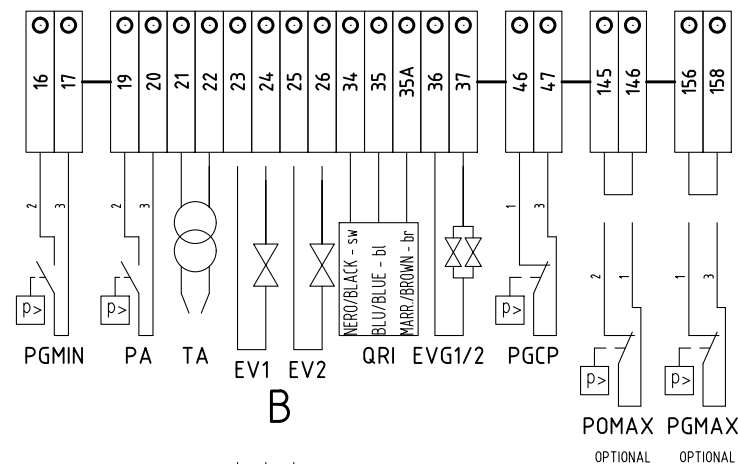
## QG - MA

MORSETTIERA ALIMENTAZIONE BRUCIATORE  
BURNER SUPPLY TERMINAL BOARD

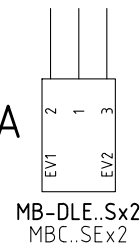


## QG - MC

MORSETTIERA COMPONENTI BRUCIATORE  
BURNER COMPONENT TERMINAL BOARD



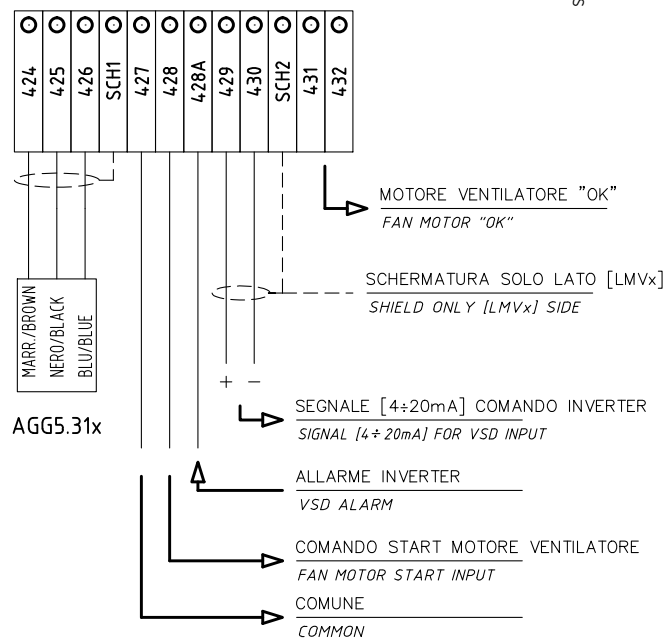
A



B

## QG - MMV

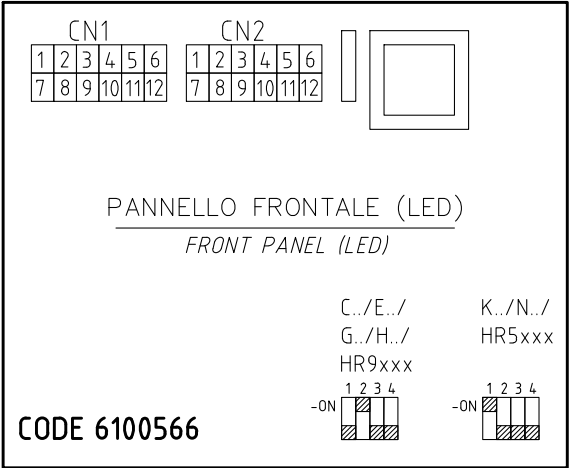
MORSETTIERA MOTORE VENTILATORE  
FAN MOTOR TERMINAL BOARD



ASSICURARSI CHE IN CASO DI MANCANZA DELLA LINEA TRIFASE,  
VENGA A MANCARE ANCHE LA LINEA MONOFASE DEL BRUCIATORE  
MAKE SURE THAT IN CASE OF FAILURE OF THE THREE-PHASE LINE,  
THE SINGLE-PHASE BURNER LINE ALSO FAILS.

|           |            |       |        |
|-----------|------------|-------|--------|
| Data      | 27/06/2016 | PREC. | FOGLIO |
| Revisione | 01         | 7     | 8      |
| Dis. N.   | 05 - 1131  | SEGUE | TOTALE |
|           |            | 9     | 11     |

VISTA LATO COMPONENTI  
COMPONENTS SIDE VIEW



PANNELLO FRONTALE (LED)  
FRONT PANEL (LED)

C../E../  
G../H../  
HR9xxx

K../N../  
HR5xxx

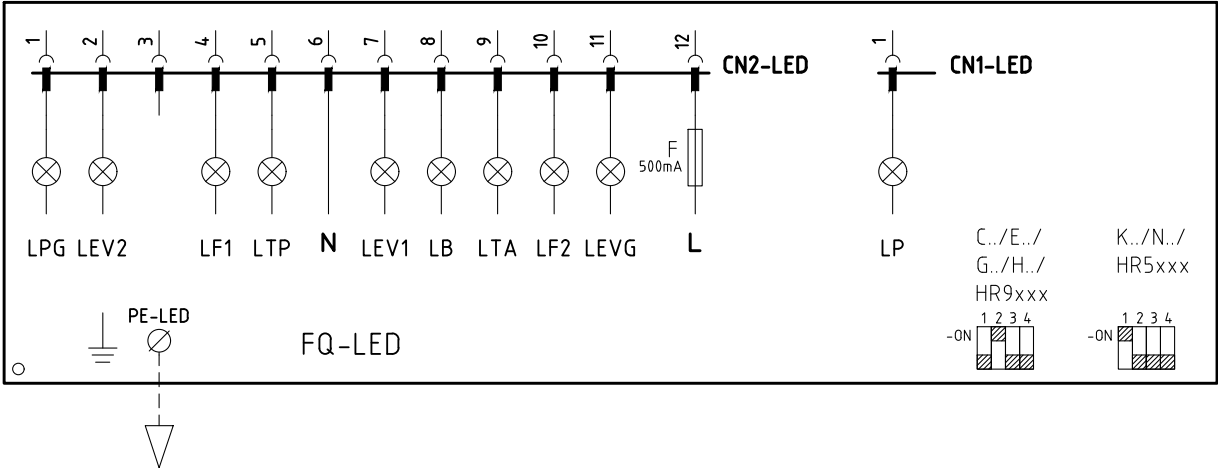
-ON

|   |   |   |   |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |

-ON

|   |   |   |   |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |

CODE 6100566



BARRA DI TERRA  
EARTH TERMINAL

|           |            |       |        |
|-----------|------------|-------|--------|
| Data      | 27/06/2016 | PREC. | FOGLIO |
| Revisione | 01         | 8     | 9      |
| Dis. N.   | 05 - 1131  | SEGUE | TOTALE |
|           |            | 10    | 11     |

| Sigla/Item              | Foglio/Sheet | Funzione                                           | Function                                               |
|-------------------------|--------------|----------------------------------------------------|--------------------------------------------------------|
| AGG5.31x                | 3            | SENSORE GIRI MOTORE                                | SPEED SENSOR                                           |
| AGG5.220                | 5            | TRASFORMATORE AUSILIARIO                           | AUXILIARY TRANSFORMER                                  |
| ATV61...                | 2            | INVERTER VENTILATORE                               | FAN START-UP                                           |
| ATV312...               | 2            | INVERTER VENTILATORE                               | FAN START-UP                                           |
| AZL52..                 | 7            | PROGRAMMATORE                                      | PROGRAMMING                                            |
| CM                      | 1            | COMMUTATORE FUNZIONAMENTO 1)GAS 0)SPENTO 2)GASOLIO | MANUAL OPERATION SWITCH 1)GAS 0)OFF 2)LIGHT OIL        |
| EV1                     | 5            | ELETTROVALVOLA GAS LATO RETE                       | UPSTREAM GAS SOLENOID VALVE                            |
| EV2                     | 5            | ELETTROVALVOLA GAS LATO BRUCIATORE                 | DOWNSTREAM GAS SOLENOID VALVE                          |
| EVG1/2                  | 4            | ELETTROVALVOLE GASOLIO                             | LIGHT OIL ELECTRO VALVES                               |
| FQ-LED                  | 9            | PANNELLO FRONTALE (LED)                            | FRONT PANEL (LED)                                      |
| FU1.5                   | 1            | FUSIBILE LINEA AUSILIARI                           | AUXILIARY LINE FUSE                                    |
| IG                      | 1            | INTERRUTTORE GENERALE                              | MAINS SWITCH                                           |
| KM4.4                   | 4            | CONTATTORE MOTORE POMPA GASOLIO                    | LIGHT OIL PUMP MOTOR CONTACTOR                         |
| LB                      | 3            | LAMPADA SEGNALE BLOCCO BRUCIATORE                  | INDICATOR LIGHT FOR BURNER LOCK-OUT                    |
| LEV1                    | 5            | LAMPADA SEGNALE APERTURA [EV1]                     | INDICATOR LIGHT FOR OPENING OF ELECTRO-VALVE [EV1]     |
| LEV2                    | 5            | LAMPADA SEGNALE APERTURA [EV2]                     | INDICATOR LIGHT FOR OPENING OF ELECTRO-VALVE [EV2]     |
| LEVg                    | 4            | LAMPADA SEGNALE APERTURA [EVg]                     | INDICATOR LIGHT FOR OPENING OF ELECTRO-VALVE [EVg]     |
| LF1                     | 4            | LAMPADA SEGNALE FUNZIONAMENTO BRUCIATORE           | INDICATOR LIGHT BURNER OPERATION                       |
| LF2                     | 4            | LAMPADA SEGNALE FUNZIONAMENTO BRUCIATORE           | INDICATOR LIGHT BURNER OPERATION                       |
| LMV51.300/LMV52.400     | 2            | APPARECCHIATURA DI COMANDO                         | CONTROL SCHEME                                         |
| LOAD/SET-POINT-0/4÷20mA | 6            | SEGNALE IN CORRENTE PER % CARICO                   | CURRENT SIGNAL FOR % LOAD                              |
| LOAD/SET-POINT-0÷10V    | 6            | SEGNALE IN TENSIONE PER % CARICO                   | VOLTAGE SIGNAL FOR % LOAD                              |
| LP                      | 4            | LAMPADA SEGNALE FUNZIONAMENTO POMPA                | INDICATOR LIGHT FOR PUMP OPERATION                     |
| LPGMIN                  | 5            | LAMPADA SEGNALE PRESENZA GAS IN RETE               | INDICATOR LIGHT FOR PRESENCE OF GAS IN THE NETWORK     |
| LTA                     | 3            | LAMPADA SEGNALE TRASFORMATORE DI ACCENSIONE        | IGNITION TRANSFORMER INDICATOR LIGHT                   |
| LTP                     | 1            | LAMPADA SEGNALE BLOCCO TERMICO MOTORE POMPA        | INDICATOR LIGHT FOR PUMP MOTOR OVERLOAD THERMAL CUTOUT |
| MB-DLE..Sx2             | 5            | GRUPPO VALVOLE GAS                                 | GAS VALVES GROUP                                       |
| MBC..SEx2               | 5            | GRUPPO VALVOLE GAS (ALTERNATIVO)                   | GAS VALVES GROUP (ALTERNATIVE)                         |
| MM440                   | 2            | INVERTER VENTILATORE                               | FAN START-UP                                           |
| MP                      | 1            | MOTORE POMPA GASOLIO                               | LIGHT OIL PUMP MOTOR                                   |
| MV                      | 2            | MOTORE VENTILATORE                                 | FAN MOTOR                                              |
| PA                      | 3            | PRESSOSTATO ARIA                                   | AIR PRESSURE SWITCH                                    |

| Sigla/Item    | Foglio/Sheet | Funzione                                         | Function                                     |
|---------------|--------------|--------------------------------------------------|----------------------------------------------|
| PGCP          | 5            | PRESSOSTATO GAS CONTROLLO PERDITE                | GAS LEAKAGE PRESSURE SWITCH                  |
| PGMAX         | 5            | PRESSOSTATO GAS DI MASSIMA PRESSIONE (OPTIONAL)  | MAXIMUM PRESSURE GAS SWITCH (OPTIONAL)       |
| PGMIN         | 5            | PRESSOSTATO GAS DI MINIMA PRESSIONE              | MINIMUM GAS PRESSURE SWITCH                  |
| POMAX         | 4            | PRESSOSTATO DI MASSIMA PRESSIONE OLIO (OPTIONAL) | MAXIMUM OIL PRESSURE SWITCH (OPTIONAL)       |
| PS            | 3            | PULSANTE SBLOCCO FIAMMA                          | FLAME UNLOCK BUTTON                          |
| PT100         | 6            | SONDA DI TEMPERATURA                             | TEMPERATURE PROBE                            |
| QAE2../PT1000 | 6            | SONDA DI TEMPERATURA                             | TEMPERATURE PROBE                            |
| QF1.0         | 1            | MAGNETOTERMICO PROTEZIONE ALIMENTAZIONE TRIFASE  | THREE-PHASE POWER CIRCUIT BREAKER PROTECTION |
| QF1.2         | 1            | MAGNETOTERMICO PROTEZIONE LINEA AUSILIARI        | AUXILIARY SUPPLY CIRCUIT BREAKER PROTECTION  |
| QRI           | 5            | SONDA UV RILEVAZIONE FIAMMA                      | UV FLAME DETECTOR                            |
| RF            | 2            | RESISTENZA DI FRENATURA                          | BRAKING RESISTOR                             |
| SD-4÷20mA     | 6            | SEGNALE IN CORRENTE                              | CURRENT SIGNAL                               |
| SD-PRESS      | 6            | SONDA DI PRESSIONE                               | PRESSURE PROBE                               |
| SED2xx        | 2            | INVERTER VENTILATORE                             | FAN START-UP                                 |
| SLR           | 6            | SELETTORE LOCALE/REMOTO                          | LOCAL/REMOTE SELECTOR                        |
| SQM4x.. AIR   | 7            | SERVOCOMANDO SERRANDA ARIA                       | AIR DAMPER ACTUATOR                          |
| SQM4x.. GAS   | 7            | SERVOCOMANDO FARFALLA GAS                        | GAS THROTTLE VALVE ACTUATOR                  |
| SQM4x.. OIL   | 7            | SERVOCOMANDO REGOLATORE OLIO                     | OIL REGULATOR ACTUATOR                       |
| ST            | 4            | SERIE TERMOSTATI/PRESSOSTATI                     | SERIES OF THERMOSTATS OR PRESSURE SWITCHES   |
| TA            | 3            | TRASFORMATORE DI ACCENSIONE                      | IGNITION TRANSFORMER                         |
| TP            | 1            | TERMICO MOTORE POMPA GASOLIO                     | LIGHT OIL PUMP MOTOR THERMAL                 |
| VLT FC10x...  | 2            | INVERTER VENTILATORE                             | FAN START-UP                                 |
| WB1           | 1            | BARRA DI TERRA                                   | EARTH TERMINAL                               |