

|      |                        |          |           |
|------|------------------------|----------|-----------|
| 03   | NEW MODEL ADDED        | 26/09/19 | U. PINTON |
| 02   | MODIFY "TV" CONNECTION | 28/08/17 | U. PINTON |
| 01   | WIRING UPDATE          | 25/01/17 | U. PINTON |
| REV. | MODIFICA               | DATA     | FIRME     |

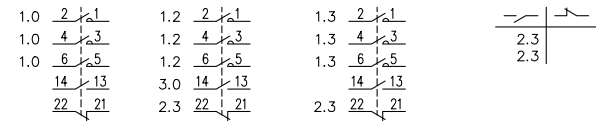
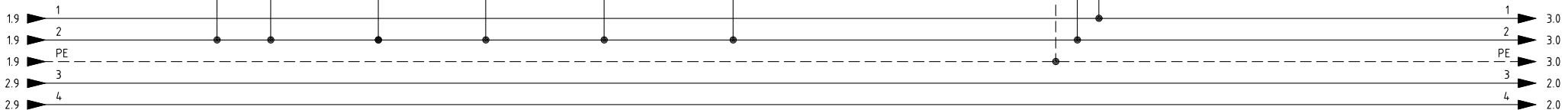
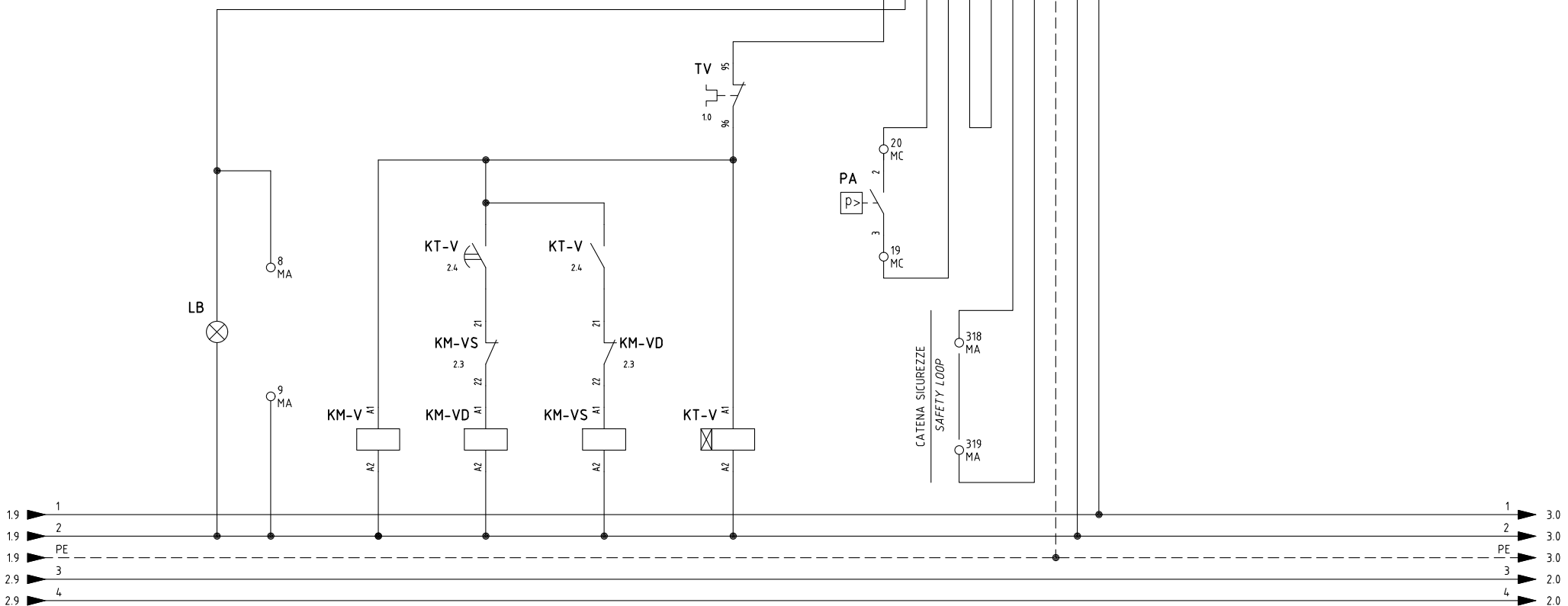
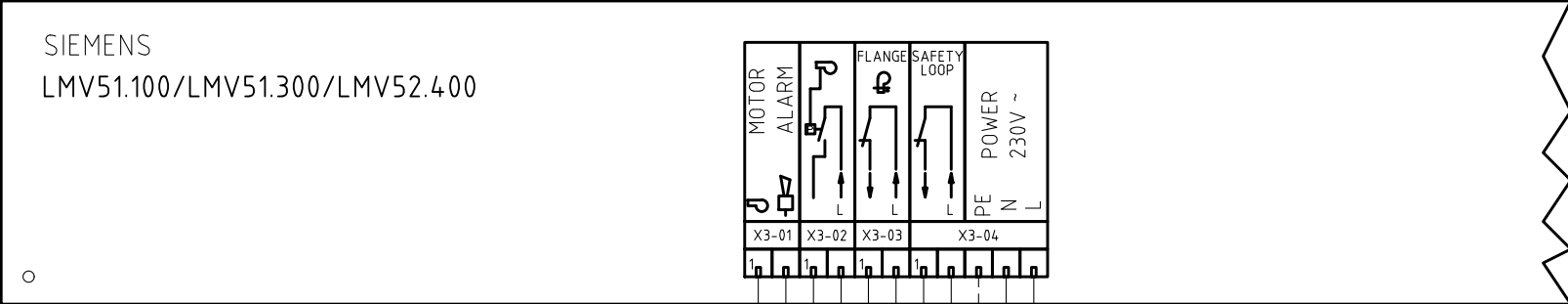


Impianto  
**TIPI/TYPES R525A/RX525.1/NxxxX/TP525A/TLX525.1**  
**MODELLO x-.MD.x.xx.A.1.xx.ES (EO)**

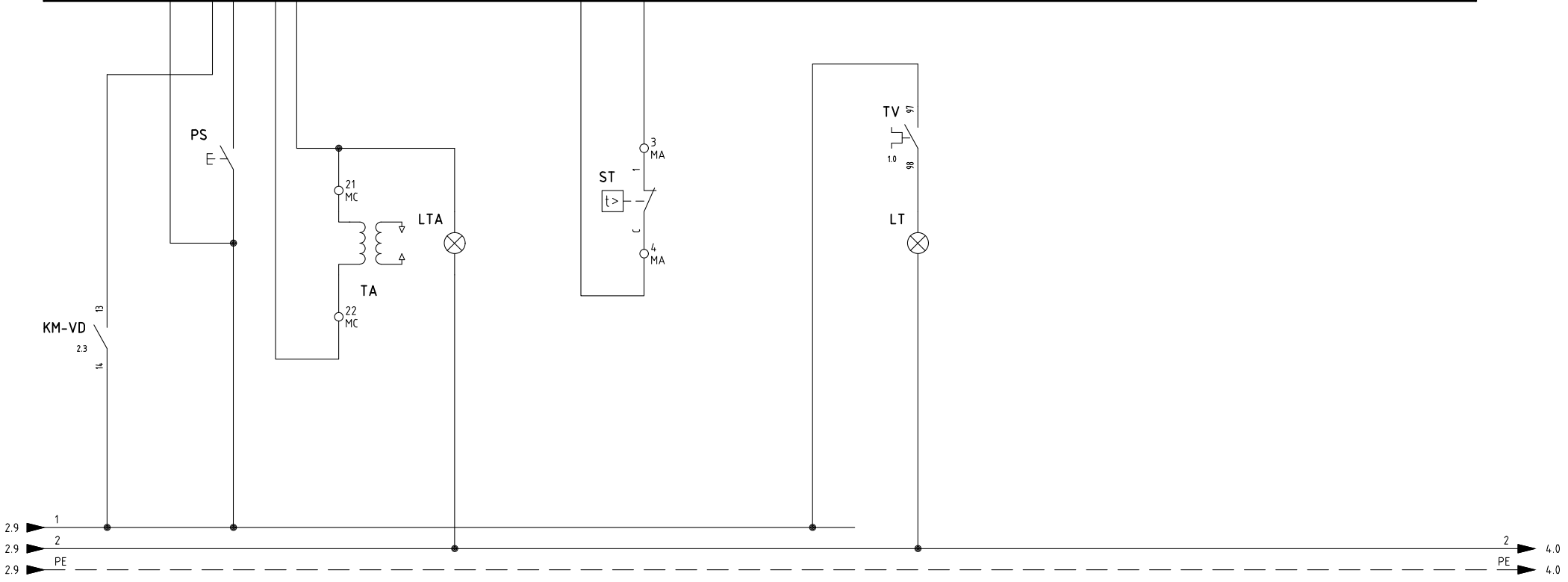
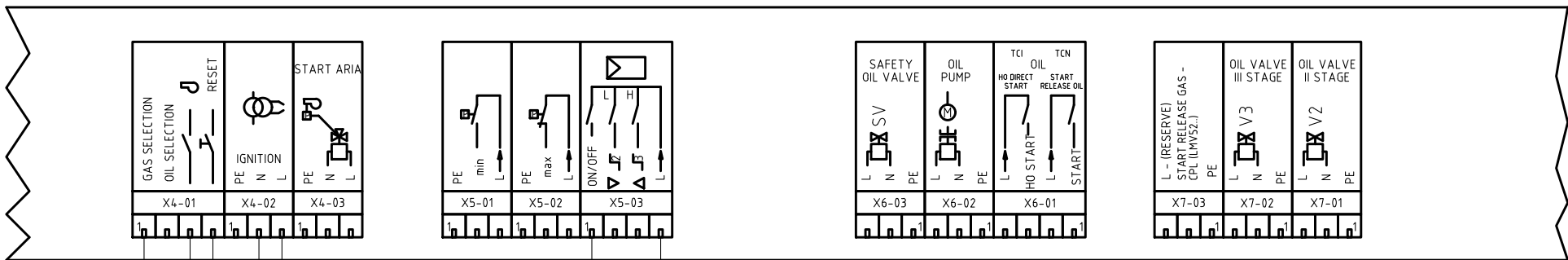
Descrizione  
**SIEMENS LMV5x...**

|                        |                                |
|------------------------|--------------------------------|
| Ordine                 |                                |
| Commessa               | Data Controllato<br>26/09/2019 |
| Esecutore<br>U. PINTON | Controllato<br>M. MASCHIO      |

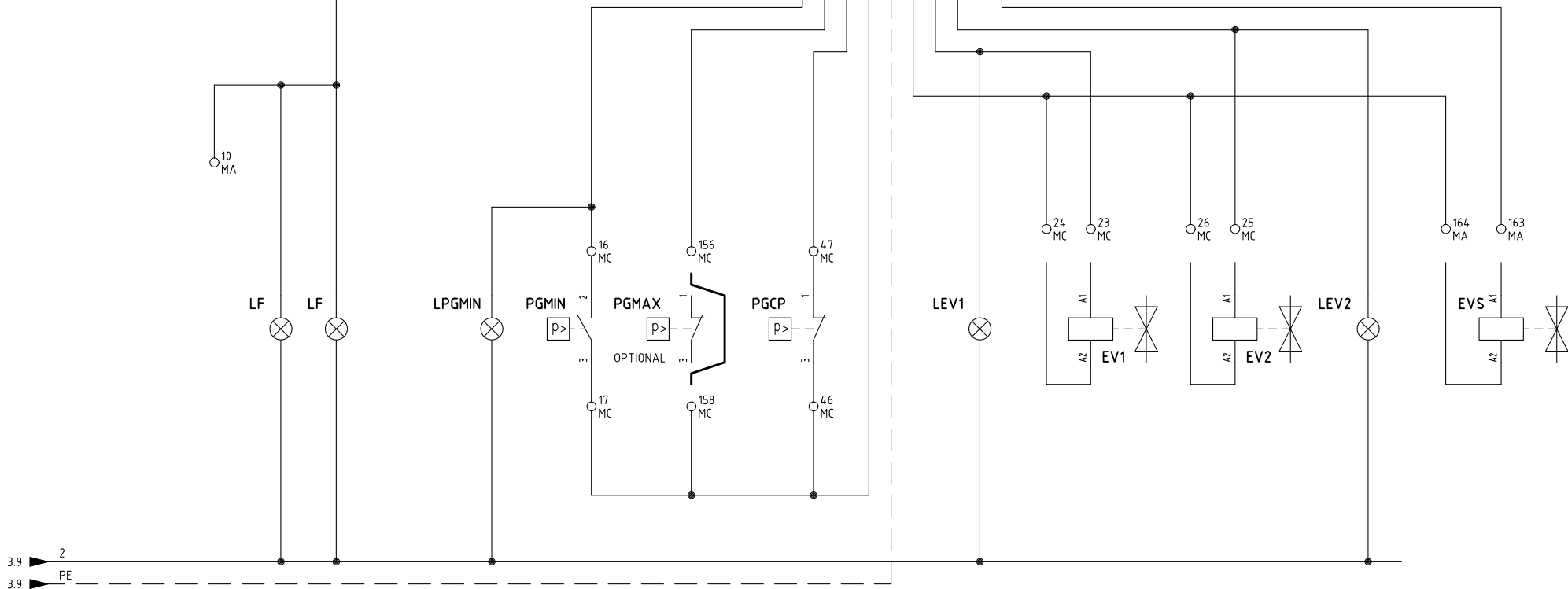
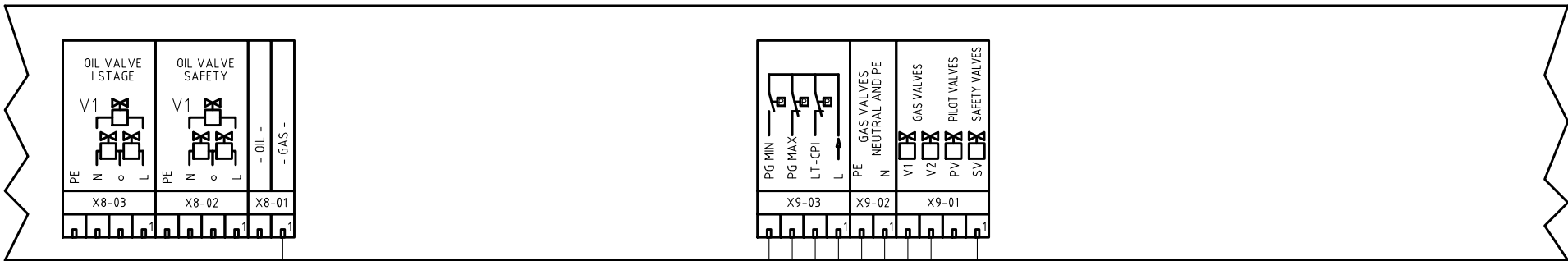
|           |                  |          |           |
|-----------|------------------|----------|-----------|
| Data      | 21/10/2015       | PREC.    | FOGLIO    |
| Revisione | <b>03</b>        | /        | <b>1</b>  |
| Dis. N.   | <b>11 - 0497</b> | SEGUE    | TOTALE    |
|           |                  | <b>2</b> | <b>10</b> |



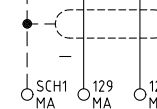
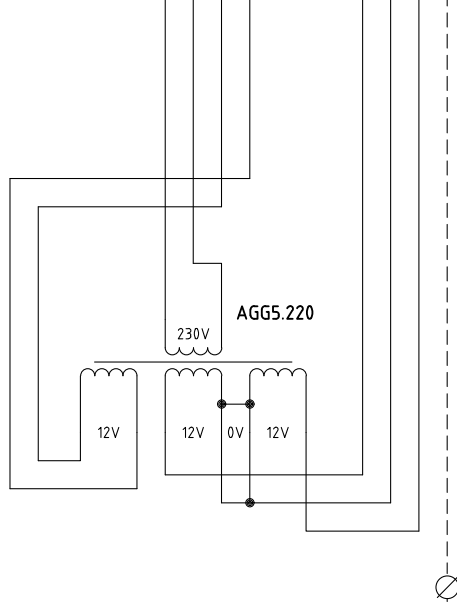
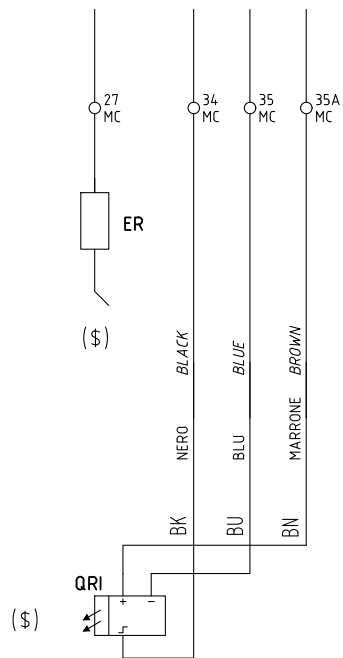
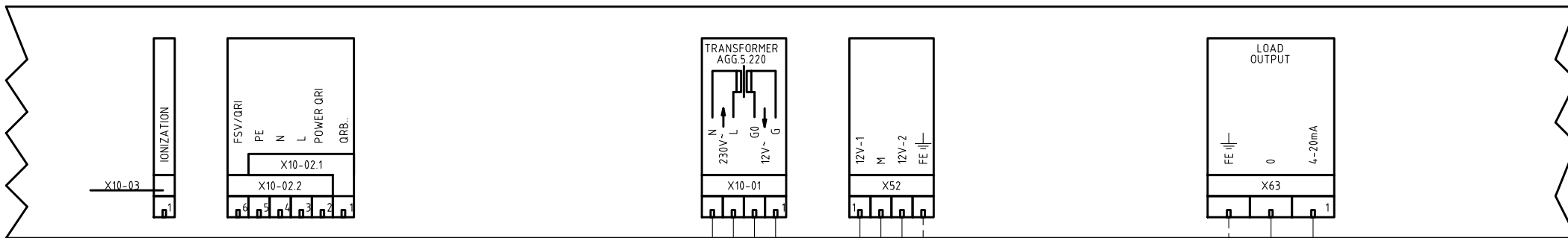
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|-----------|------------|-------|--------|
| Data      | 21/10/2015 | PREC. | FOGLIO |
| Revisione | 03         | 1     | 2      |
| Dis. N.   | 11 - 0497  | SEGUE | TOTALE |
|           |            | 3     | 10     |



|           |            |       |        |
|-----------|------------|-------|--------|
| Data      | 21/10/2015 | PREC. | FOGLIO |
| Revisione | 03         | 2     | 3      |
| Dis. N.   | 11 - 0497  | SEGUE | TOTALE |
|           |            | 4     | 10     |



|           |                  |          |           |
|-----------|------------------|----------|-----------|
| Data      | 21/10/2015       | PREC.    | FOGLIO    |
| Revisione | <b>03</b>        | <b>3</b> | <b>4</b>  |
| Dis. N.   | <b>11 - 0497</b> | SEGUE    | TOTALE    |
|           |                  | <b>5</b> | <b>10</b> |

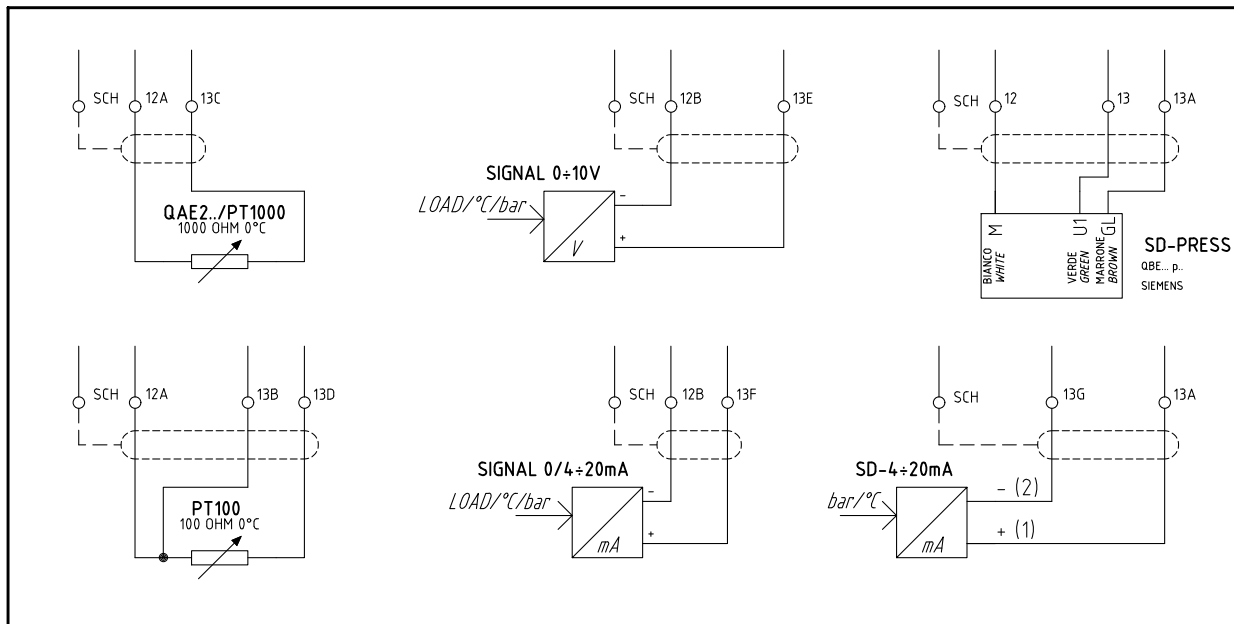
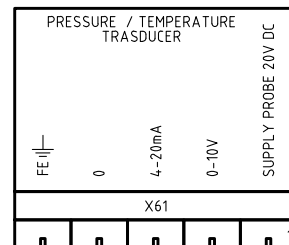
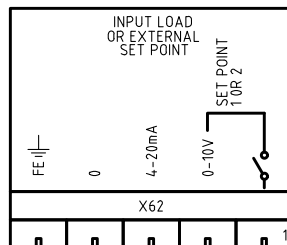
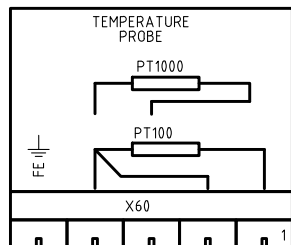


SEGNALE [4+ 20mA] PER % CARICO  
[4+ 20mA] SIGNAL FOR % LOAD

(\$)  
SONDA "QRI" IN ALTERNATIVA A ELETTRODO "ER"  
"QRI" PROBE ALTERNATIVE TO "ER"

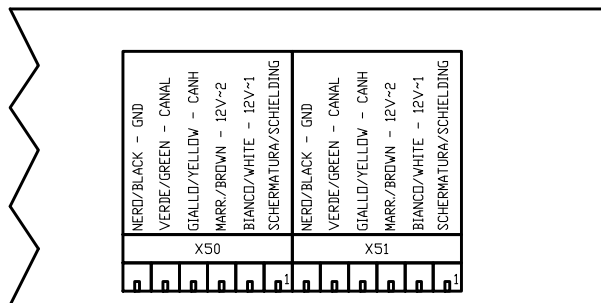
COLLEGAMENTO ELETTRICO PIU' CORTO POSSIBILE (~10cm)  
DIRETTAMENTE SU PIASTRA QUADRO ELETTRICO  
ELECTRICAL CONNECTION AS SHORT AS POSSIBLE (~ 10cm)  
DIRECTLY ELECTRIC BOX PLATE

|           |            |       |        |
|-----------|------------|-------|--------|
| Data      | 21/10/2015 | PREC. | FOGLIO |
| Revisione | 03         | 4     | 5      |
| Dis. N.   | 11 - 0497  | SEGUE | TOTALE |
|           |            | 6     | 10     |

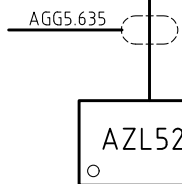


(xx)  
ATTENZIONE COLLEGAMENTO SONDE  
WARNING PROBE CONNECTION

|           |            |       |        |
|-----------|------------|-------|--------|
| Data      | 21/10/2015 | PREC. | FOGLIO |
| Revisione | 03         | 5     | 6      |
| Dis. N.   | 11 - 0497  | SEGUE | TOTALE |
|           |            | 7     | 10     |

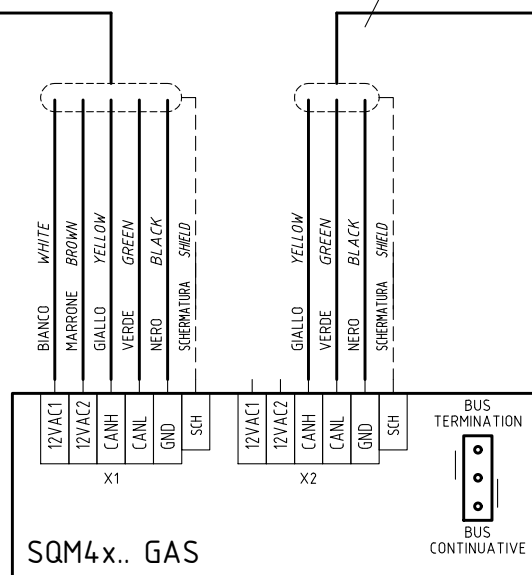
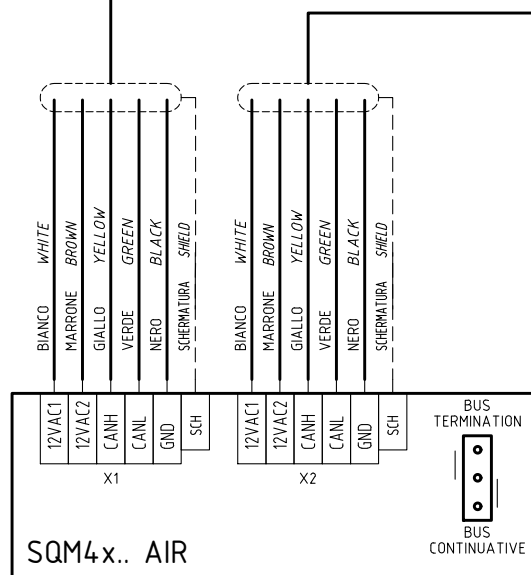


ESECUZIONE DELLA CONNESSIONE TRA LMV5x E SERVOCOMANDI < 20 METRI  
 CONNECTIONS BETWEEN LMV5x AN ACTUATOR < 20 METERS



CAVO DI SEGNALE E ALIMENTAZIONE ELETTRICA  
 SIGNAL AND ELECTRIC SUPPLY CABLE

ALL' EVENTUALE MODULO PLL52.. SOLO CON [LMV52.x00 - S.E.00-0154]  
 O ALTRO SERVOCOMANDO, CON [LMV5x..]  
 TO POSSIBLE PLL52.. MODULE, ONLY WITH [LMV52.X00 - S.E.00-0154]  
 OR OTHER SERVOMOTOR, WITH [LMV5X..]

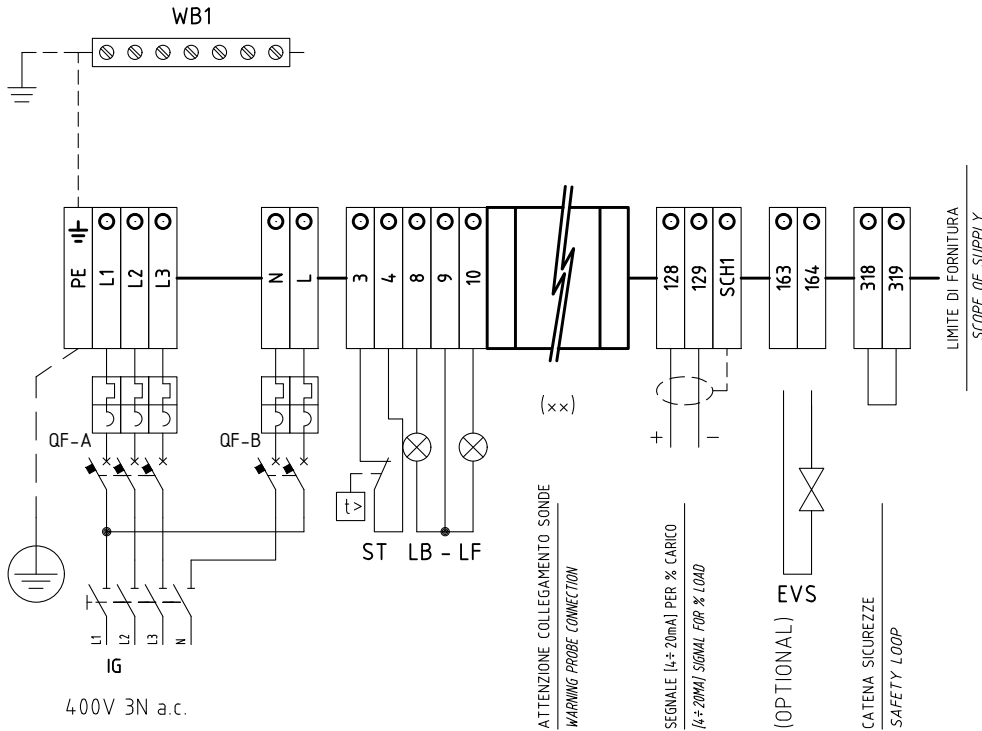


LA SEQUENZA DEI SERVOCOMANDI (ED EVENTUALE SCHEDA PLL52..) PUO' ESSERE DIVERSA;  
 E' IMPORTANTE PERO' CHE L'ULTIMO COMPONENTE SIA CON IL PONTE "BUS TERMINATION"  
 THE CONNECTIONS OF ACTUATORS (AND POSSIBLE PLL52.. CIRCUIT) TO LMV CAN BE DIFFERENT;  
 PLEASE NOTE THAT THE LAST COMPONENT MUST HAVE THE BRIDGE "BUS TERMINATION"

|           |            |       |        |
|-----------|------------|-------|--------|
| Data      | 21/10/2015 | PREC. | FOGLIO |
| Revisione | 03         | 6     | 7      |
| Dis. N.   | 11 - 0497  | SEGUE | TOTALE |
|           |            | 8     | 10     |

**QG - MA**

MORSETTIERA ALIMENTAZIONE BRUCIATORE  
BURNER SUPPLY TERMINAL BOARD



ATTENZIONE COLLEGAMENTO SONDE  
WARNING PROBE CONNECTION

SEGNALE (4±20mA) PER % CARICO  
(4±20mA) SIGNAL FOR % LOAD

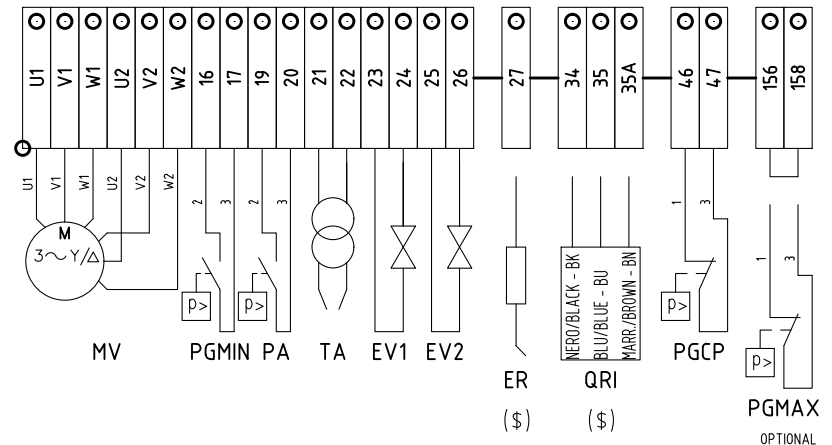
(OPTIONAL)

CATENA SICUREZZE  
SAFETY LOOP

LIMITE DI FORNITURA  
SCOPE OF SUPPLY

**QG - MC**

MORSETTIERA COMPONENTI BRUCIATORE  
BURNER COMPONENT TERMINAL BOARD



(\$)

SONDA "QRI" IN ALTERNATIVA A ELETTRODO "ER"  
"QRI" PROBE ALTERNATIVE TO "ER"

|           |            |       |        |
|-----------|------------|-------|--------|
| Data      | 21/10/2015 | PREC. | FOGLIO |
| Revisione | 03         | 7     | 8      |
| Dis. N.   | 11 - 0497  | SEGUE | TOTALE |
|           |            | 9     | 10     |



| Sigla/Item                    | Foglio/Sheet | Funzione   | Function  |
|-------------------------------|--------------|--|---|
| AGG5.220                      | 5            | TRASFORMATORE AUSILIARIO                               | AUXILIARY TRANSFORMER                                 |
| AZL52..                       | 7            | INTERFACCIA UTENTE                                     | USER INTERFACE  |
| ER                            | 5            | ELETTRODO RILEVAZIONE FIAMMA                           | FLAME DETECTION ELECTRODE                             |
| EV1                           | 4            | ELETTROVALVOLA GAS LATO RETE                           | UPSTREAM GAS SOLENOID VALVE                           |
| EV2                           | 4            | ELETTROVALVOLA GAS LATO BRUCIATORE                     | DOWNSTREAM GAS SOLENOID VALVE                         |
| EVS                           | 4            | ELETTROVALVOLA GAS DI SICUREZZA (OPTIONAL)             | SAFETY GAS SOLENOID VALVE (OPTIONAL)                  |
| FU1.5                         | 1            | FUSIBILE LINEA AUSILIARI                               | AUXILIARY LINE FUSE                                   |
| IG                            | 1            | INTERRUTTORE GENERALE                                  | MAINS SWITCH  |
| IL                            | 1            | INTERRUTTORE LINEA AUSILIARI                           | AUXILIARY LINE SWITCH                                 |
| KM-V                          | 2            | CONTATTORE MOTORE VENTILATORE (LINEA)                  | FAN MOTOR CONTACTOR (LINE)                            |
| KM-VD                         | 2            | CONTATTORE MOTORE VENTILATORE (TRIANGOLO)              | FAN MOTOR CONTACTOR (DELTA)                           |
| KM-VS                         | 2            | CONTATTORE MOTORE VENTILATORE (STELLA)                 | FAN MOTOR CONTACTOR (STAR)                            |
| KT-V                          | 2            | TEMPORIZZATORE STELLA/TRIANGOLO                        | STAR/DELTA DELAYED RELAY                              |
| LB                            | 2            | LAMPADA SEGNALAZIONE BLOCCO BRUCIATORE                 | INDICATOR LIGHT FOR BURNER LOCK-OUT                   |
| LEV1                          | 4            | LAMPADA SEGNALAZIONE APERTURA [EV1]                    | INDICATOR LIGHT FOR OPENING OF ELECTRO-VALVE [EV1]    |
| LEV2                          | 4            | LAMPADA SEGNALAZIONE APERTURA [EV2]                    | INDICATOR LIGHT FOR OPENING OF ELECTRO-VALVE [EV2]    |
| LF                            | 4            | LAMPADA SEGNALAZIONE FUNZIONAMENTO BRUCIATORE          | INDICATOR LIGHT BURNER OPERATION                      |
| LF                            | 4            | LAMPADA SEGNALAZIONE FUNZIONAMENTO BRUCIATORE          | INDICATOR LIGHT BURNER OPERATION                      |
| LMV51.100/LMV51.300/LMV52.400 | 2            | APPARECCHIATURA DI COMANDO                             | CONTROL SCHEME  |
| LPGMIN                        | 4            | LAMPADA SEGNALAZIONE PRESENZA GAS IN RETE              | INDICATOR LIGHT FOR PRESENCE OF GAS IN THE NETWORK    |
| LT                            | 3            | 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                  |
| MV                            | 1            | MOTORE VENTILATORE                                     | FAN MOTOR   |
| PA                            | 2            | PRESSOSTATO ARIA                                       | AIR PRESSURE SWITCH                                   |
| PGCP                          | 4            | PRESSOSTATO GAS CONTROLLO PERDITE                      | GAS LEAKAGE PRESSURE SWITCH                           |
| PGMAX                         | 4            | PRESSOSTATO GAS DI MASSIMA PRESSIONE (OPTIONAL)        | MAXIMUM PRESSURE GAS SWITCH (OPTIONAL)                |
| PGMIN                         | 4            | PRESSOSTATO GAS DI MINIMA PRESSIONE                    | MINIMUM GAS PRESSURE SWITCH                           |
| PS                            | 3            | PULSANTE SBLOCCO FIAMMA                                | FLAME UNLOCK BUTTON                                   |
| PT100                         | 6            | SONDA DI TEMPERATURA                                   | TEMPERATURE PROBE                                     |
| QAE2../PT1000                 | 6            | SONDA DI TEMPERATURA                                   | TEMPERATURE PROBE                                     |
| 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           |

|           |                  |           |           |
|-----------|------------------|-----------|-----------|
| Data      | 21/10/2015       | PREC.     | FOGLIO    |
| Revisione | <b>03</b>        | <b>8</b>  | <b>9</b>  |
| Dis. N.   | <b>11 - 0497</b> | SEGUE     | TOTALE    |
|           |                  | <b>10</b> | <b>10</b> |

| Sigla/Item      | Foglio/Sheet | Funzione                         | Function                                   |
|-----------------|--------------|----------------------------------|--|
| QRI             | 5            | SONDA UV RILEVAZIONE FIAMMA      | UV FLAME DETECTOR                          |
| SD-4÷20mA       | 6            | SEGNALE IN CORRENTE              | CURRENT SIGNAL                             |
| SD-PRESS        | 6            | SONDA DI PRESSIONE               | PRESSURE PROBE                             |
| SIGNAL 0/4÷20mA | 6            | SEGNALE IN CORRENTE PER % CARICO | CURRENT SIGNAL FOR % LOAD                  |
| SIGNAL 0÷10V    | 6            | SEGNALE IN TENSIONE PER % CARICO | VOLTAGE SIGNAL FOR % LOAD                  |
| SQM4x.. AIR     | 7            | SERVOCOMANDO SERRANDA ARIA       | AIR DAMPER ACTUATOR                        |
| SQM4x.. GAS     | 7            | SERVOCOMANDO FARFALLA GAS        | GAS THROTTLE VALVE ACTUATOR                |
| ST              | 3            | SERIE TERMOSTATI/PRESSOSTATI     | SERIES OF THERMOSTATS OR PRESSURE SWITCHES |
| TA              | 3            | TRASFORMATORE DI ACCENSIONE      | IGNITION TRANSFORMER                       |
| TV              | 1            | TERMICO MOTORE VENTILATORE       | FAN MOTOR THERMAL                          |
| WB1             | 1            | BARRA DI TERRA                   | EARTH TERMINAL                             |

|           |                  |          |           |
|-----------|------------------|----------|-----------|
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| Dis. N.   | <b>11 - 0497</b> | SEGUE    | TOTALE    |
|           |                  | <b>/</b> | <b>10</b> |