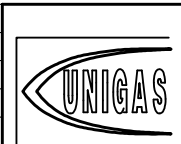


| | | | |
|------|--|----------|-----------|
| 02 | PRINTED CIRCUIT 6100561 MODIFIED (REV.1) | 01/09/14 | U. PINTON |
| 01 | MODIFIED PCB COD. 6100561 | 12/02/14 | U. PINTON |
| REV. | MODIFICA | DATA | FIRME |



PLANT
 TIPI/TYPES P61/÷/P75A/LX60/÷/LX75A/R(X)63/÷/R(X)520A
 MODELLO/MODEL M--.PR(MD).x.xx.A.x.xx.EA

DESCRIPTION
 LMV20 + COD. 6100561 CIRCUITO STAMPATO
 LMV20 + COD. 6100561 PRINTED CIRCUIT

Ordine

Commissa

Esecutore
U. PINTON

Data Controllato
01/09/2014

Controllato
E. CAVALLI

Data 22/07/2013

Revisione 02

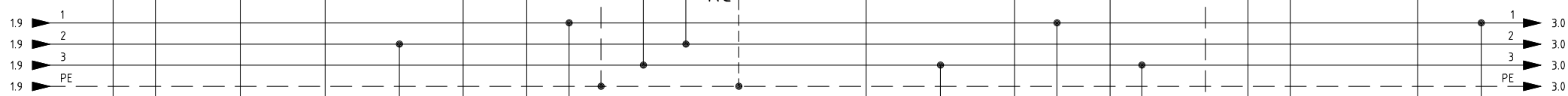
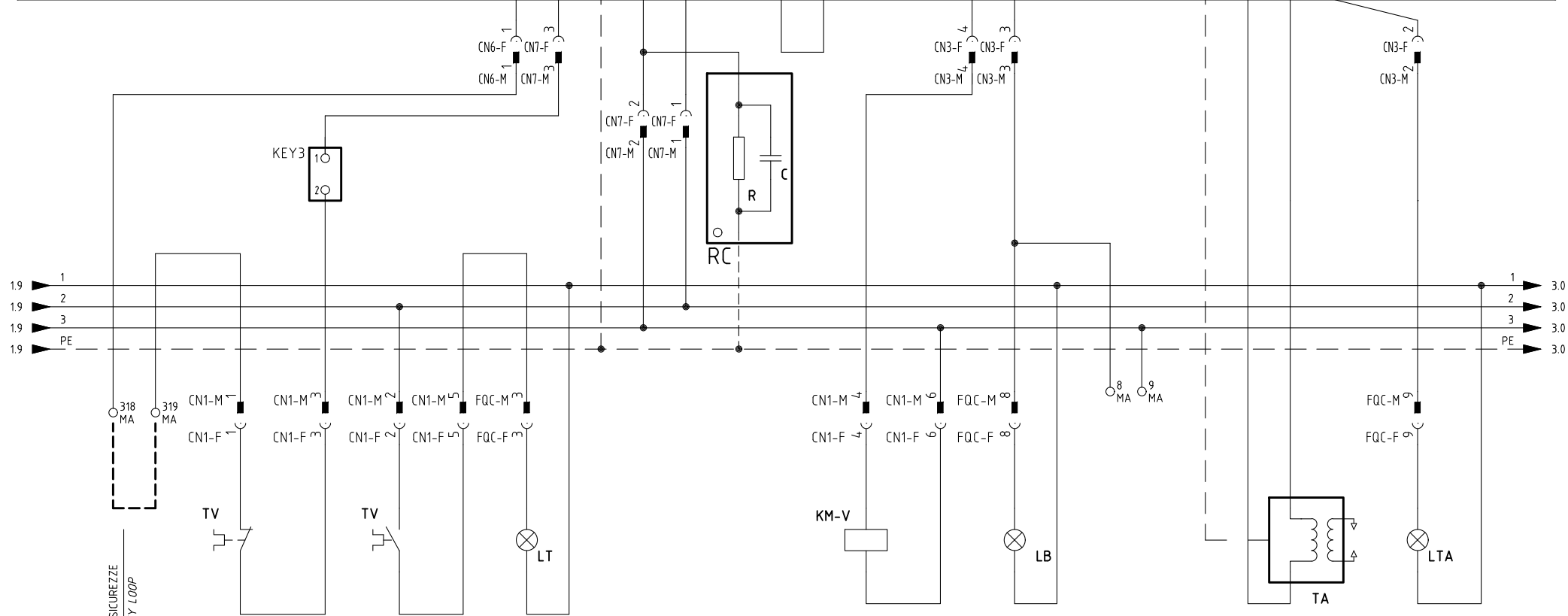
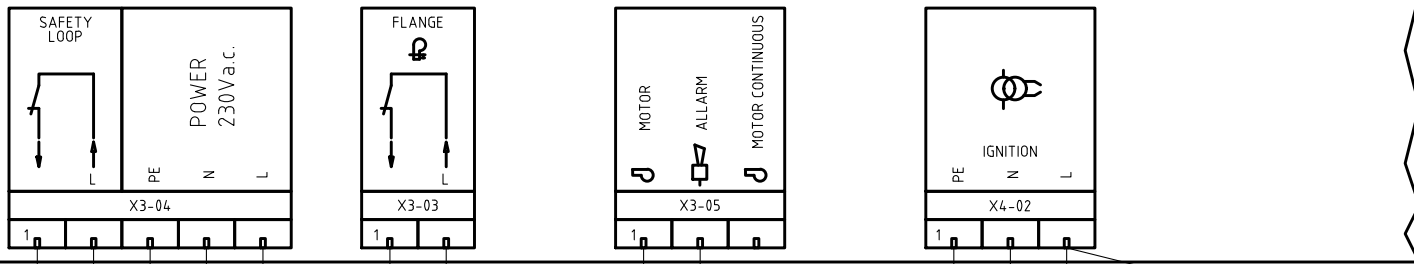
Dis. N. 05-1004 - A

PREC. /

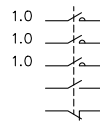
FOGLIO 1

SEGUE 2

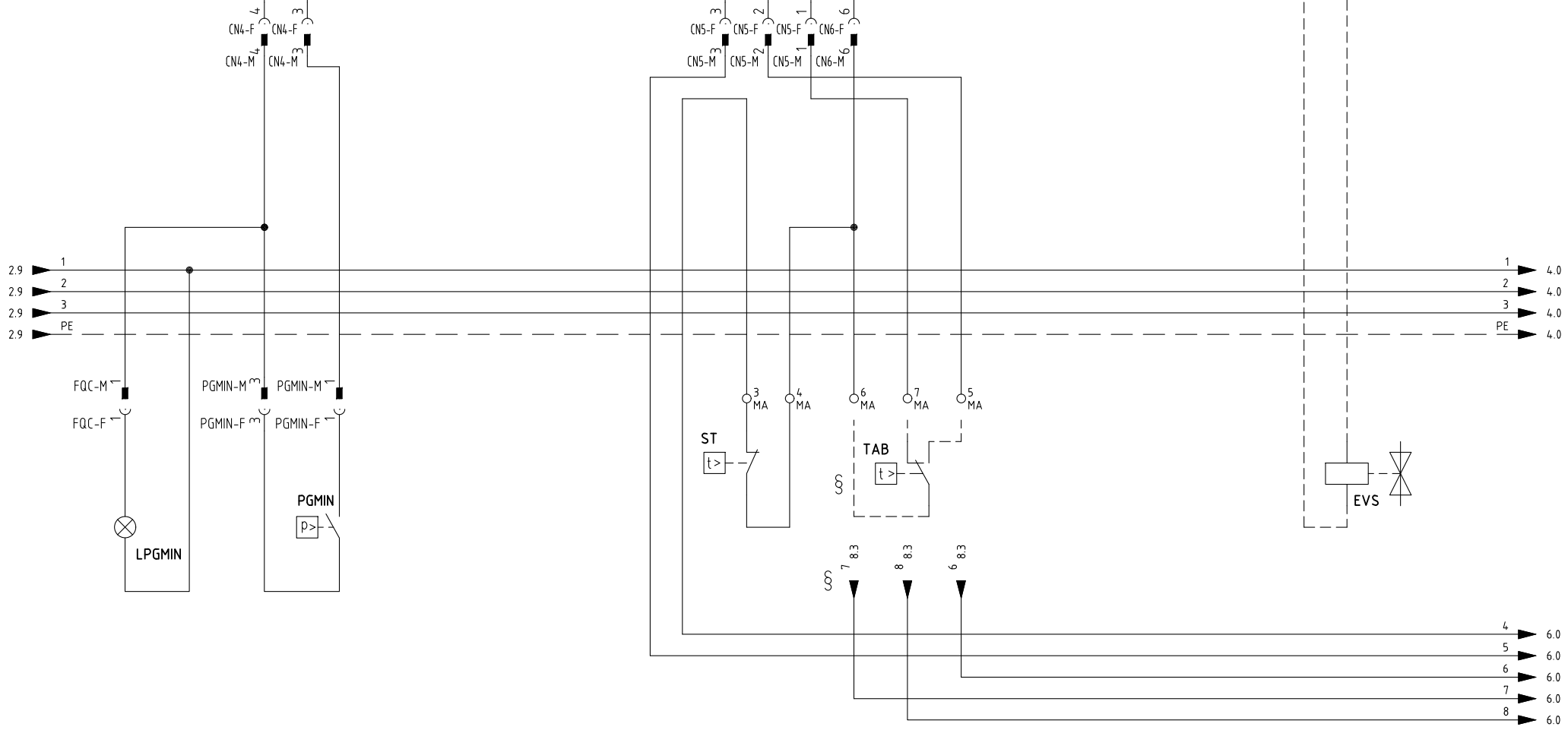
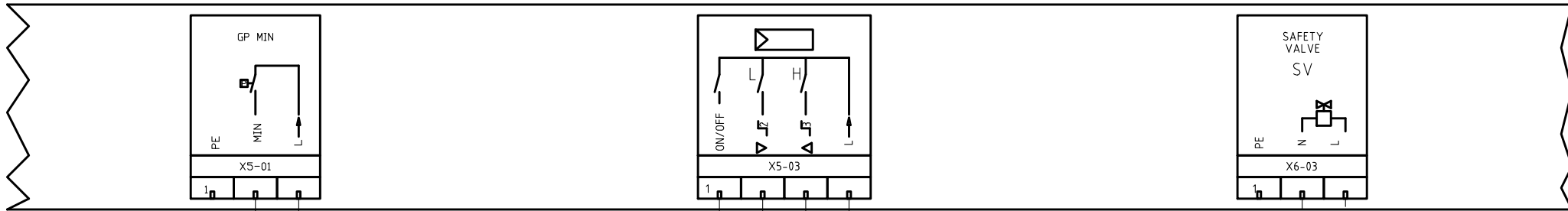
TOTALE 11



CATENA SICUREZZE
SAFETY LOOP



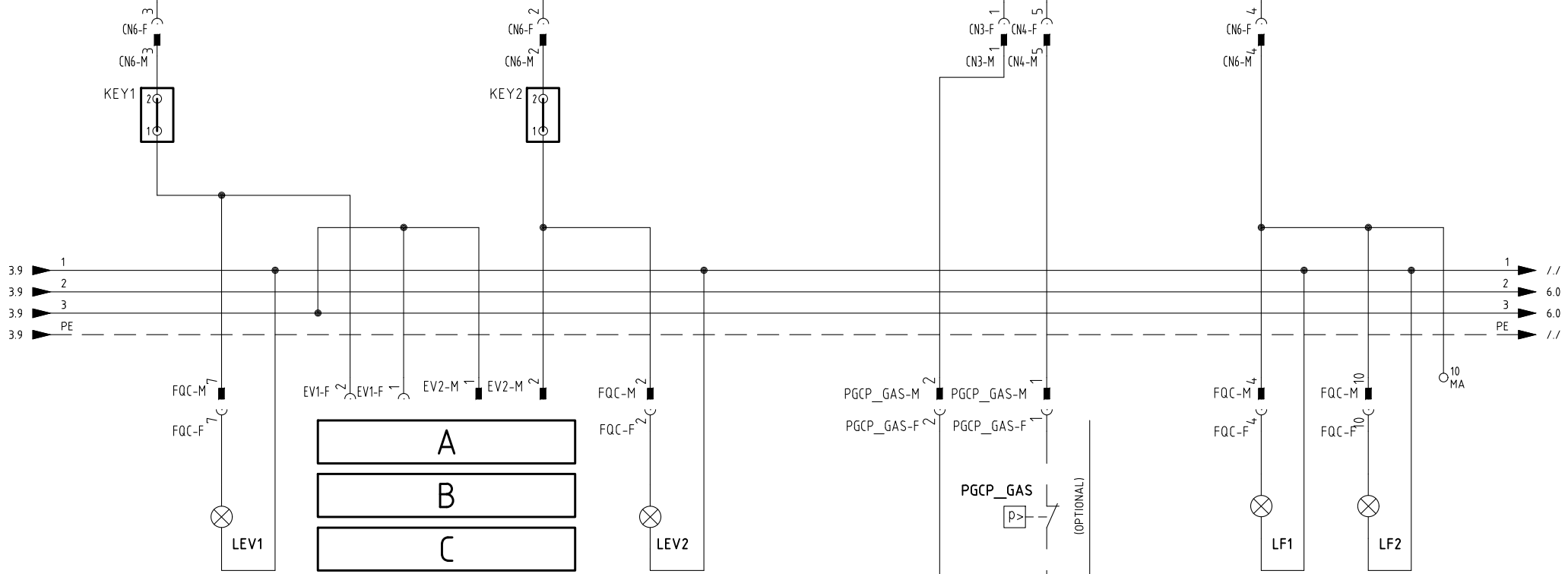
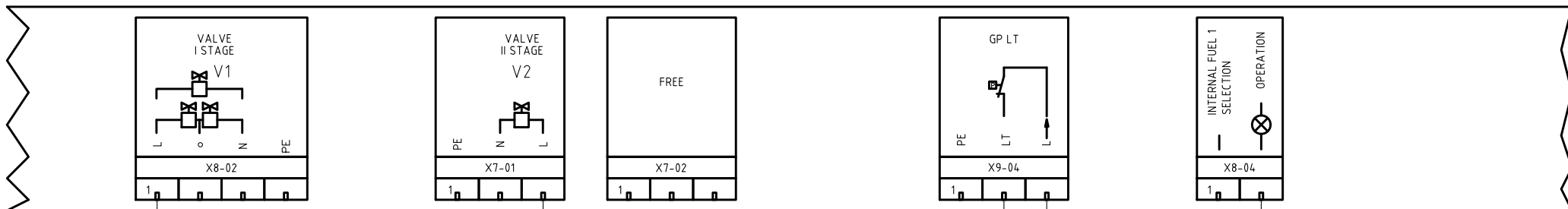
| | | | |
|-----------|-------------|-------|--------|
| Data | 22/07/2013 | PREC. | FOGLIO |
| Revisione | 02 | 1 | 2 |
| Dis. N. | 05-1004 - A | SEGUE | TOTALE |
| | | 3 | 11 |



§

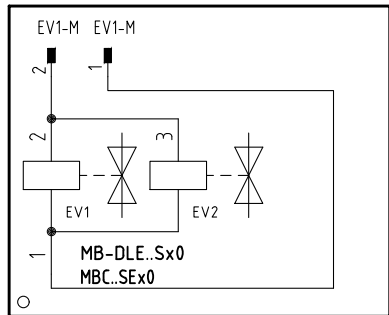
VERSIONE (PR) / VERSIONE (MD) CON RWF.. / 600V / KM3
 (PR) VERSION / (MD) VERSION WITH RWF.. / 600V / KM3

| | | | |
|-----------|-------------|-------|--------|
| Data | 22/07/2013 | PREC. | FOGLIO |
| Revisione | 02 | 2 | 3 |
| Dis. N. | 05-1004 - A | SEGUE | TOTALE |
| | | 4 | 11 |

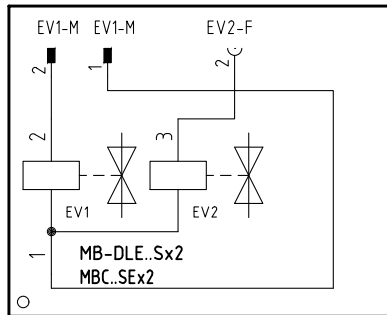


ESECUZIONE [A] = SOLO SENZA CONTROLLO TENUTA
 [A] PERFORMANCE = WITHOUT GAS LEAKAGE ONLY

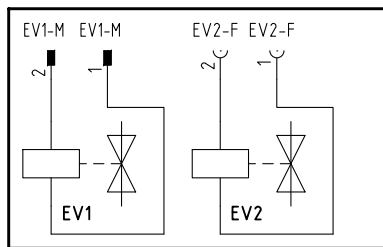
A



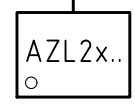
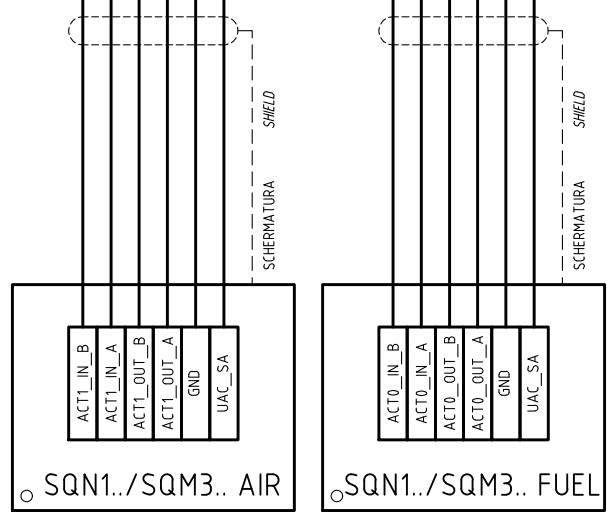
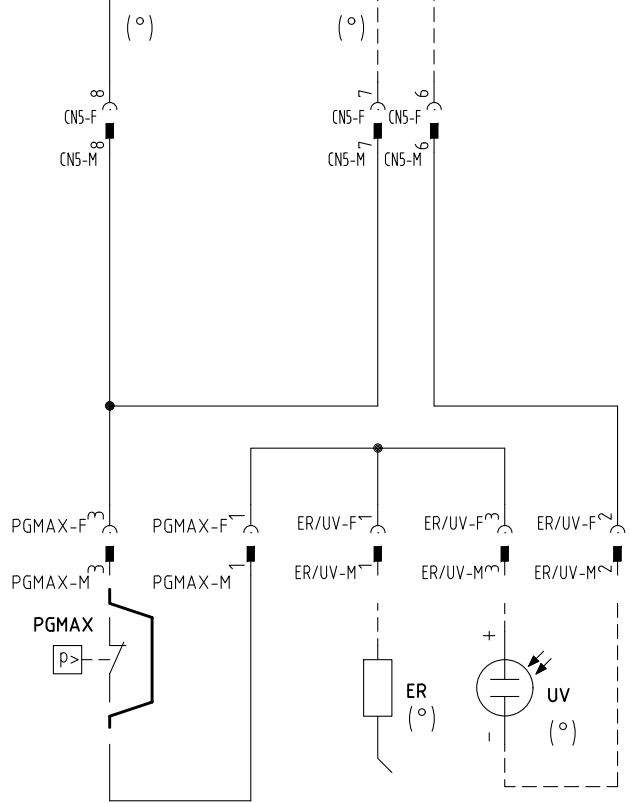
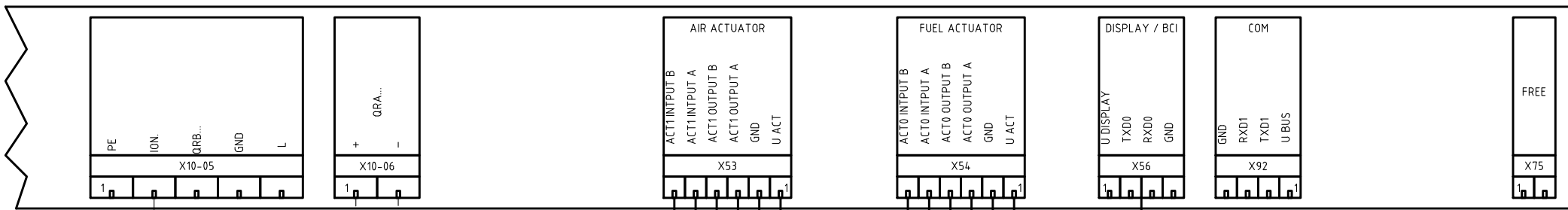
B



C

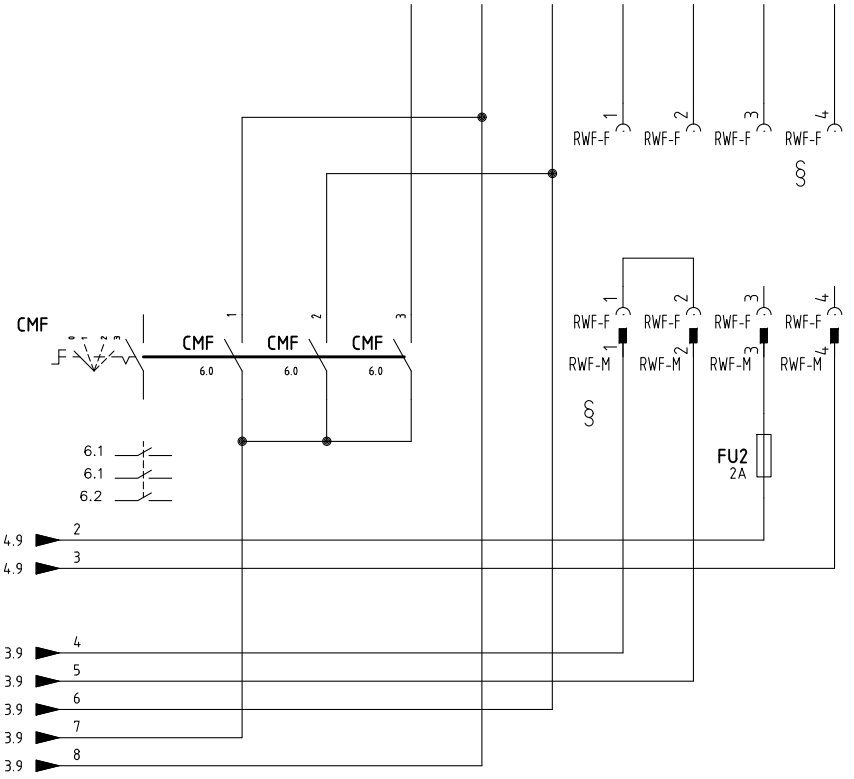
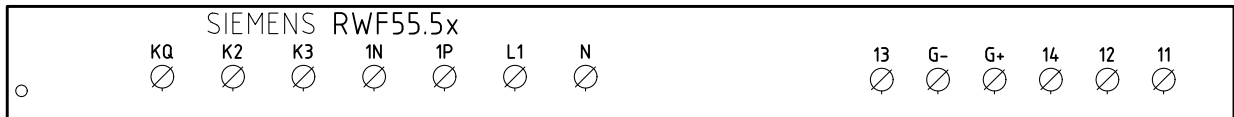
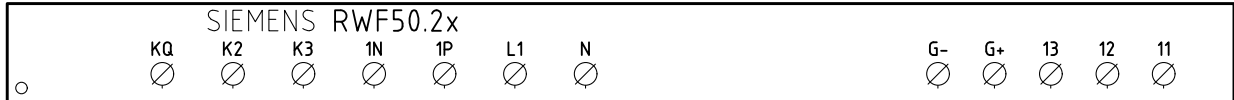
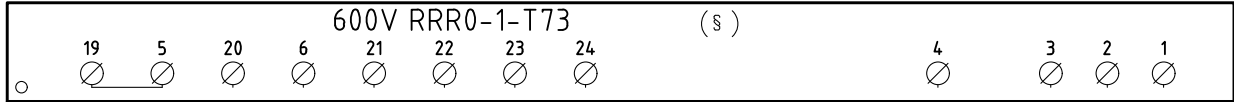
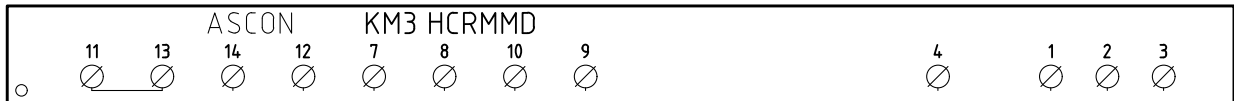


| | | | |
|-----------|-------------|-------|--------|
| Data | 22/07/2013 | PREC. | FOGLIO |
| Revisione | 02 | 3 | 4 |
| Dis. N. | 05-1004 - A | SEQUE | TOTALE |
| | | 5 | 11 |

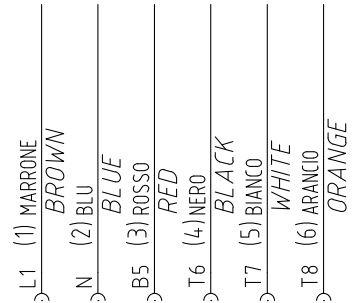


(°)
 SONDA "UV" IN ALTERNATIVA A ELETTRODO "ER"
 "UV" PROBE ALTERNATIVE TO "ER"

| | | | |
|-----------|-------------|-------|--------|
| Data | 22/07/2013 | PREC. | FOGLIO |
| Revisione | 02 | 4 | 5 |
| Dis. N. | 05-1004 - A | SEGUE | TOTALE |
| | | 6 | 11 |

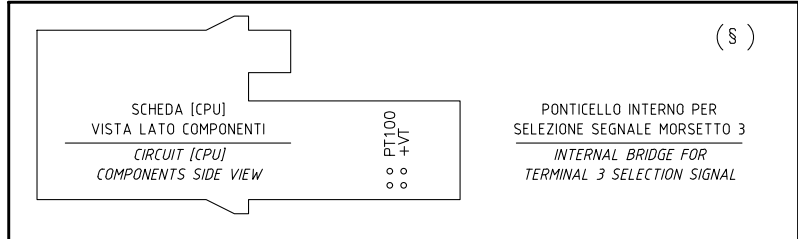


CONN. 7 PINS



CAVO 7x0,75mmq
7x0,75mmq CABLE

(xx)
ATTENZIONE COLLEGAMENTO SONDE CON CONNETTORE 7 POLI
WARNING PROBE CONNECTION WITH 7 PINS CONNECTOR



§
VERSIONE (PR) / VERSIONE (MD) CON RWF.. / 600V / KM3
(PR) VERSION / (MD) VERSION WITH RWF.. / 600V / KM3

| | | | |
|-----------|-------------|-------|--------|
| Data | 22/07/2013 | PREC. | FOGLIO |
| Revisione | 02 | 5 | 6 |
| Dis. N. | 05-1004 - A | SEGUE | TOTALE |
| | | 7 | 11 |

(xx)

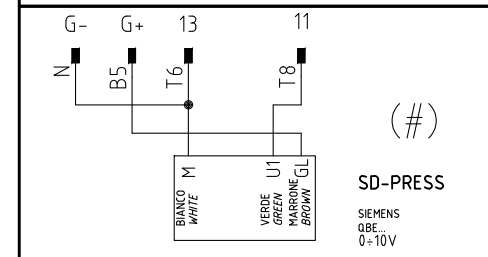
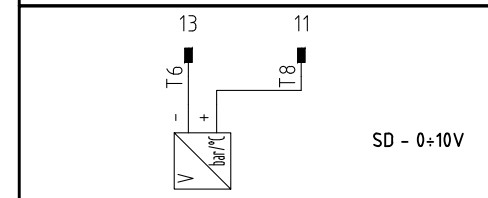
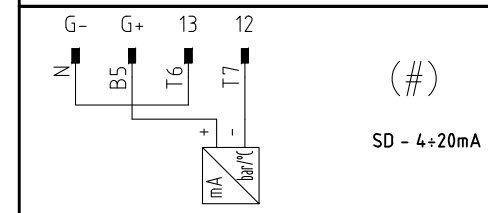
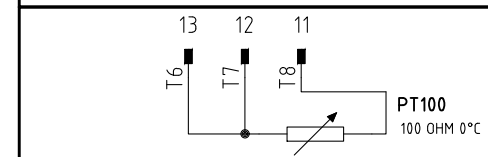
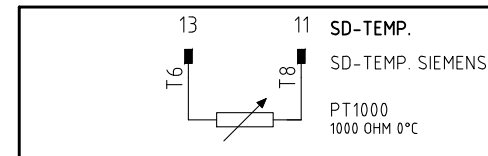
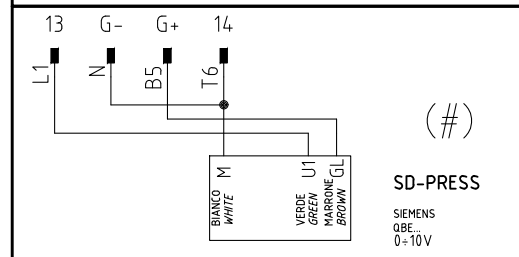
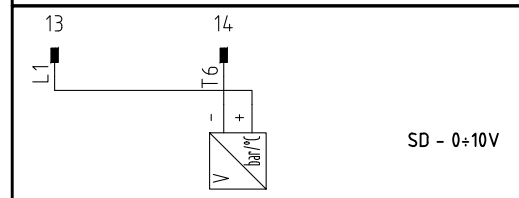
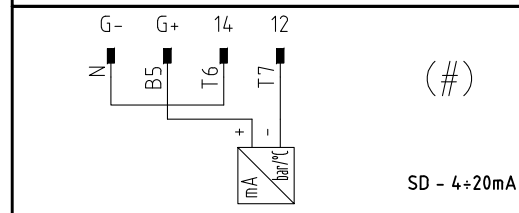
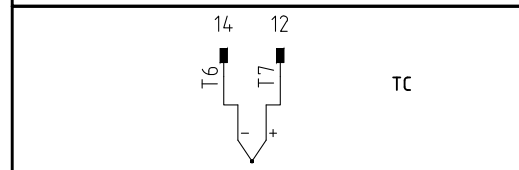
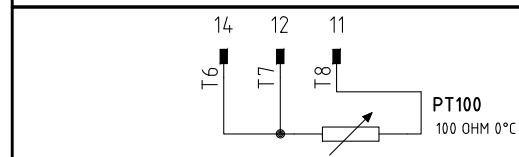
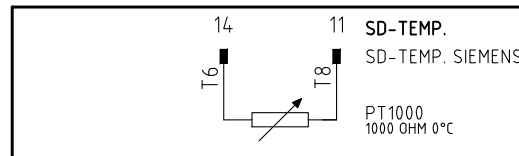
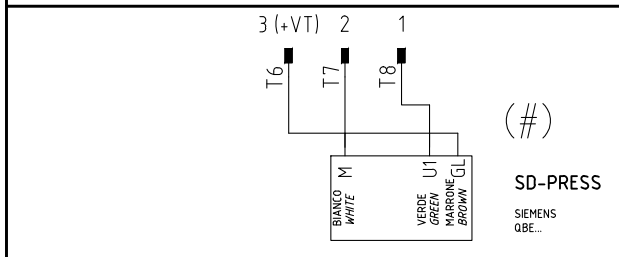
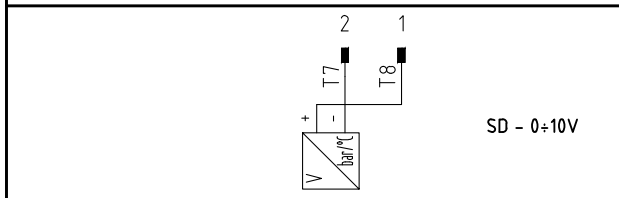
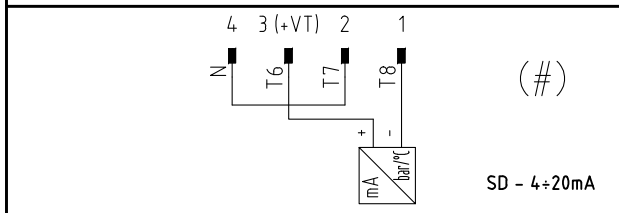
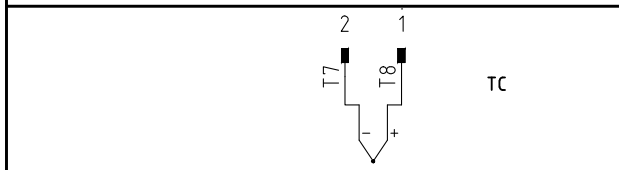
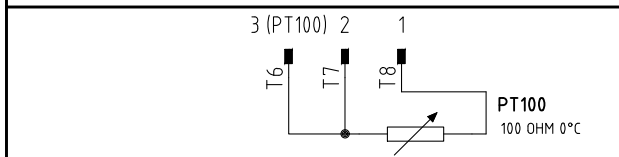
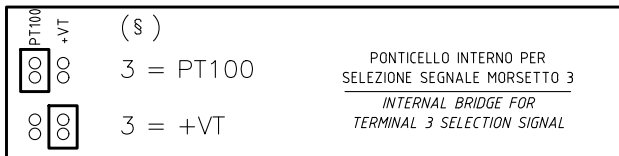
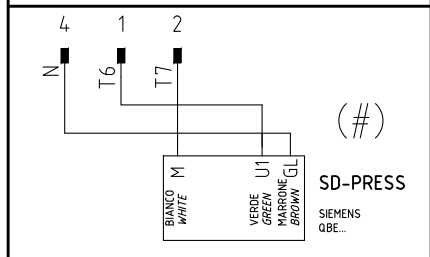
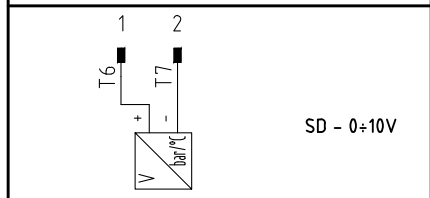
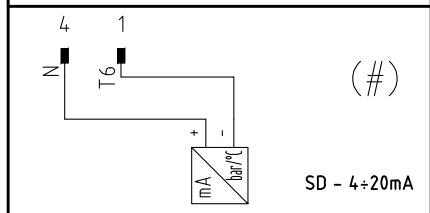
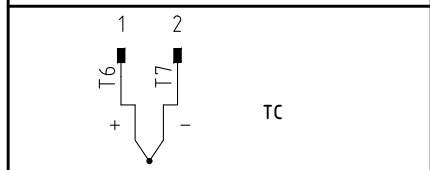
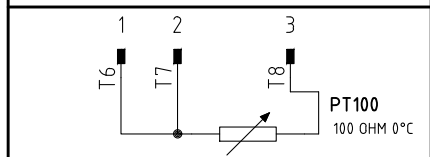
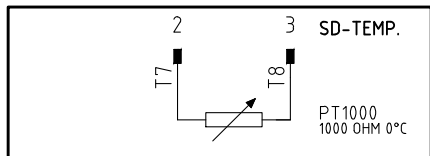
ATTENZIONE COLLEGAMENTO SONDE CON CONNETTORE 7 POLI
WARNING PROBE CONNECTION WITH 7 PINS CONNECTOR

KM3 HCRMMD

600V RRR0-1-T73

RWF55.5x

RWF50.2x



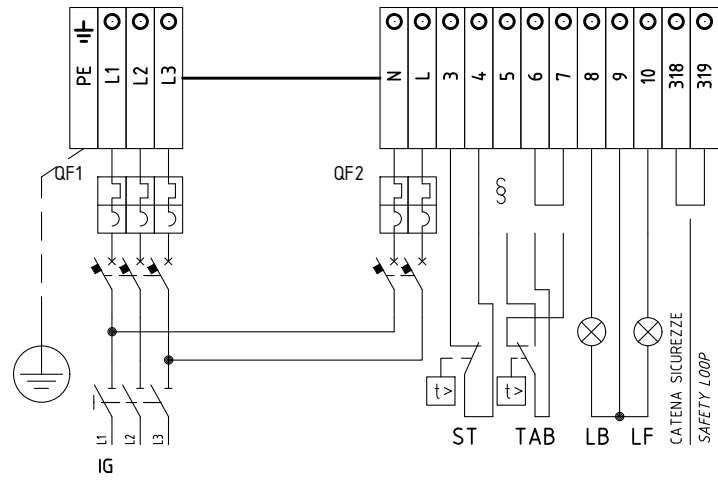
(#)

COLLEGAMENTO SOLO PER
TRASDUTTORI PASSIVI
TRASDUCER PASSIVE
CONNECTION ONLY

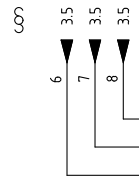
| | | | |
|-----------|-------------|-------|--------|
| Data | 22/07/2013 | PREC. | FOGLIO |
| Revisione | 02 | 6 | 7 |
| Dis. N. | 05-1004 - A | SEGUE | TOTALE |
| | | 8 | 11 |

QG - MA
 MORSETTIERA ALIMENTAZIONE BRUCIATORE
 BURNER SUPPLY TERMINAL BOARD

220V / 230V / 240V 3 a.c.

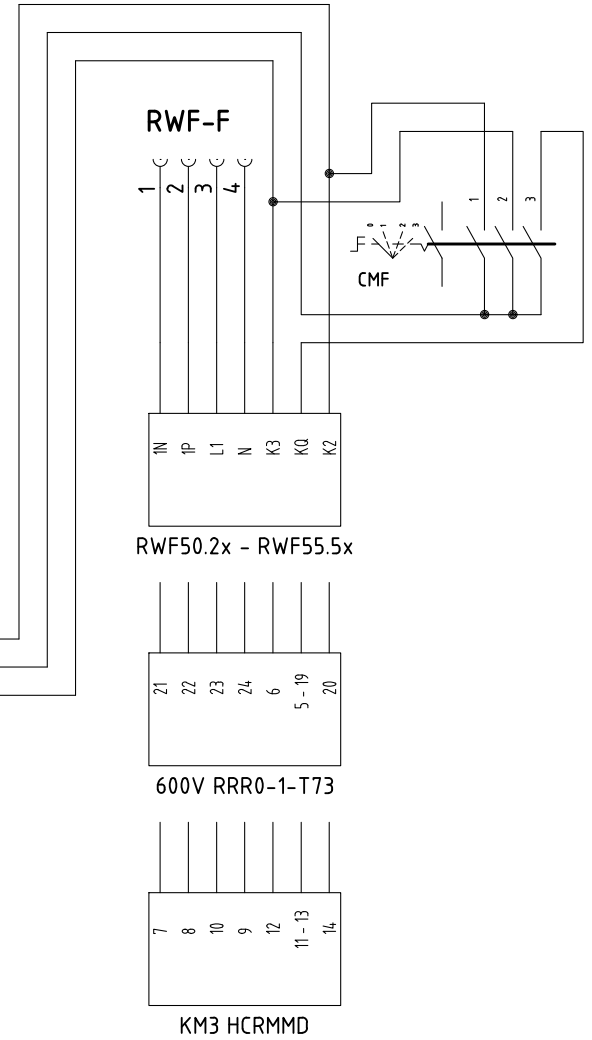


LIMITE DI FORNITURA
 SCOPE OF SUPPLY

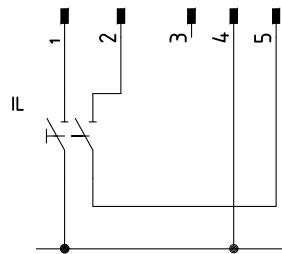


VERSIONE (PR) / VERSIONE (MD) CON RWF.. / 600V / KM3
 (PR) VERSION / (MD) VERSION WITH RWF.. / 600V / KM3

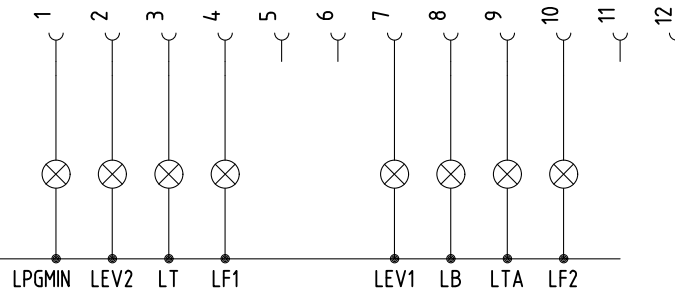
SE USATO "TAB" O "MD", TOGLIERE IL PONTE TRA I MORSETTI 6 - 7
 IF USED "TAB" OR "MD", REMOVE THE BRIDGE BETWEEN TERMINALS 6 - 7



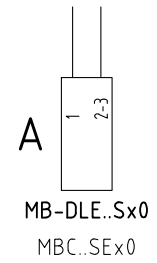
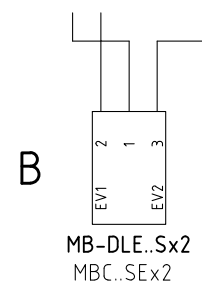
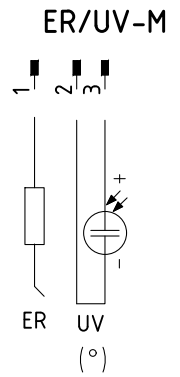
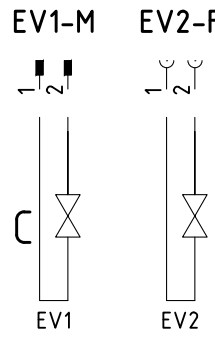
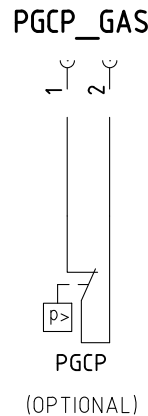
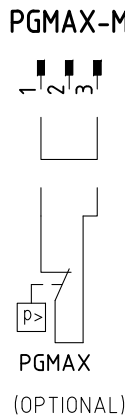
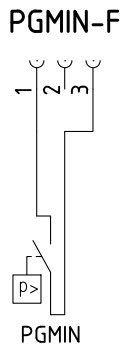
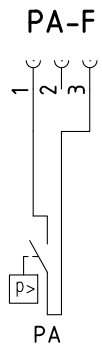
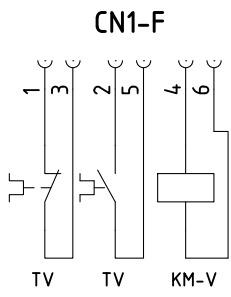
FQA-M



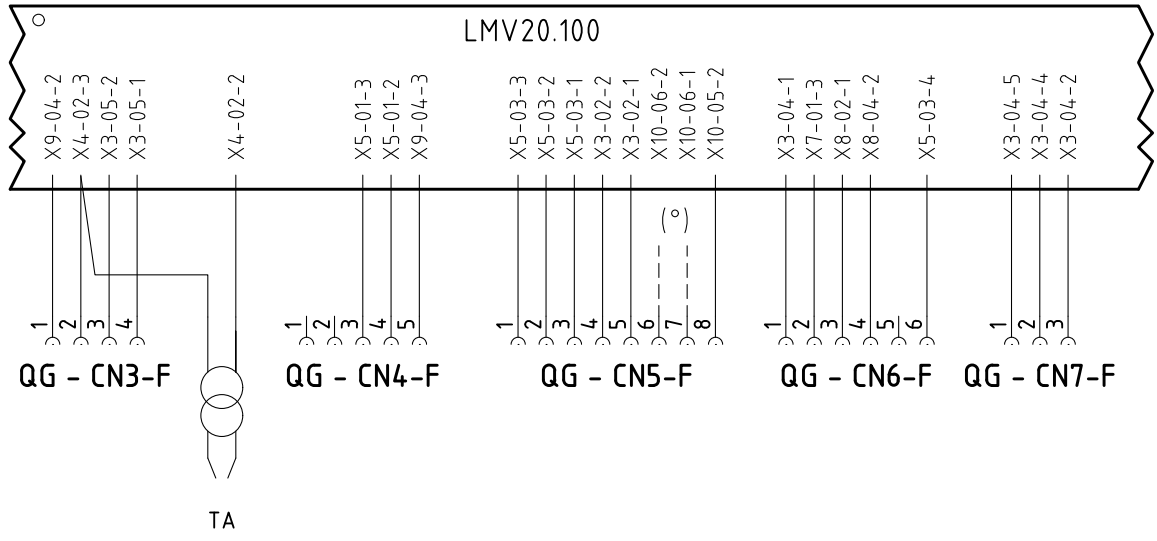
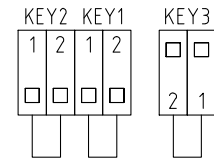
FQC-F



| | | | |
|-----------|-------------|-------|--------|
| Data | 22/07/2013 | PREC. | FOGLIO |
| Revisione | 02 | 7 | 8 |
| Dis. N. | 05-1004 - A | SEGUE | TOTALE |
| | | 9 | 11 |



ESECUZIONE [A] = SOLO SENZA CONTROLLO TENUTA
[A] PERFORMANCE = WITHOUT GAS LEAKAGE ONLY



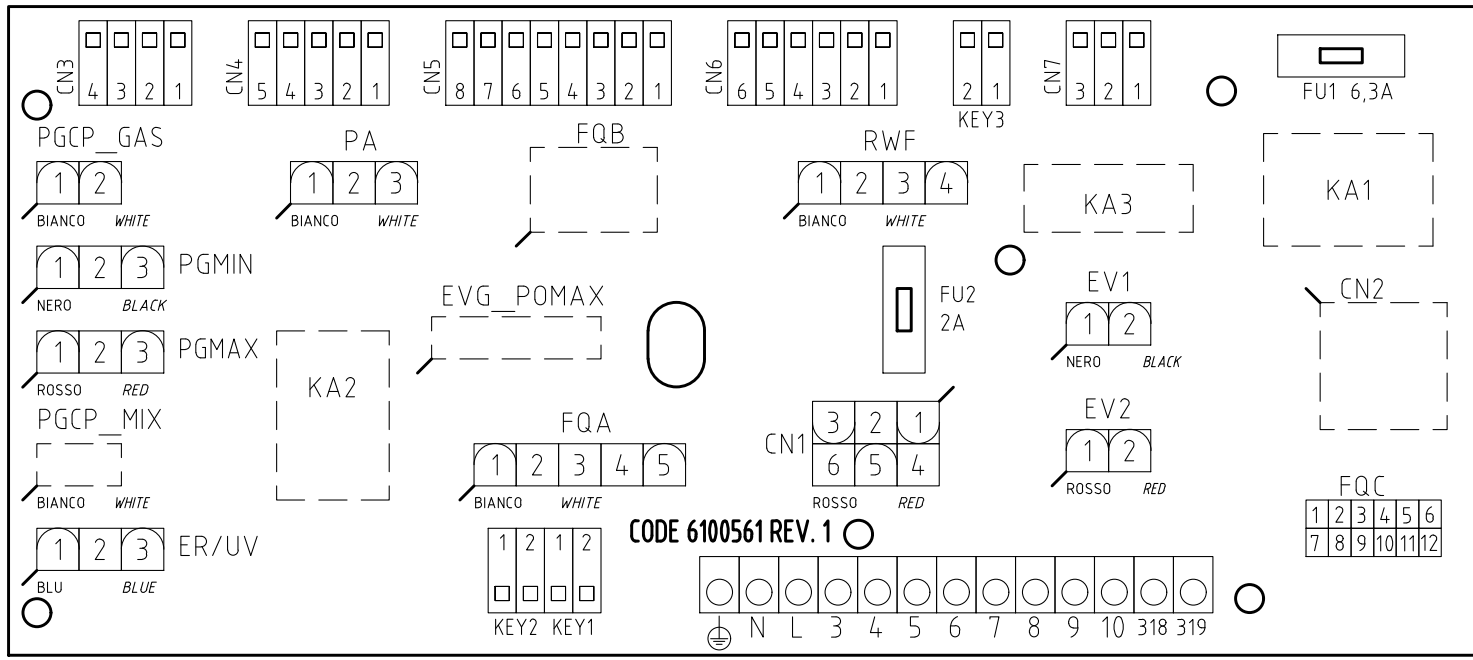
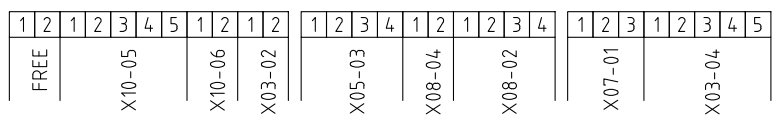
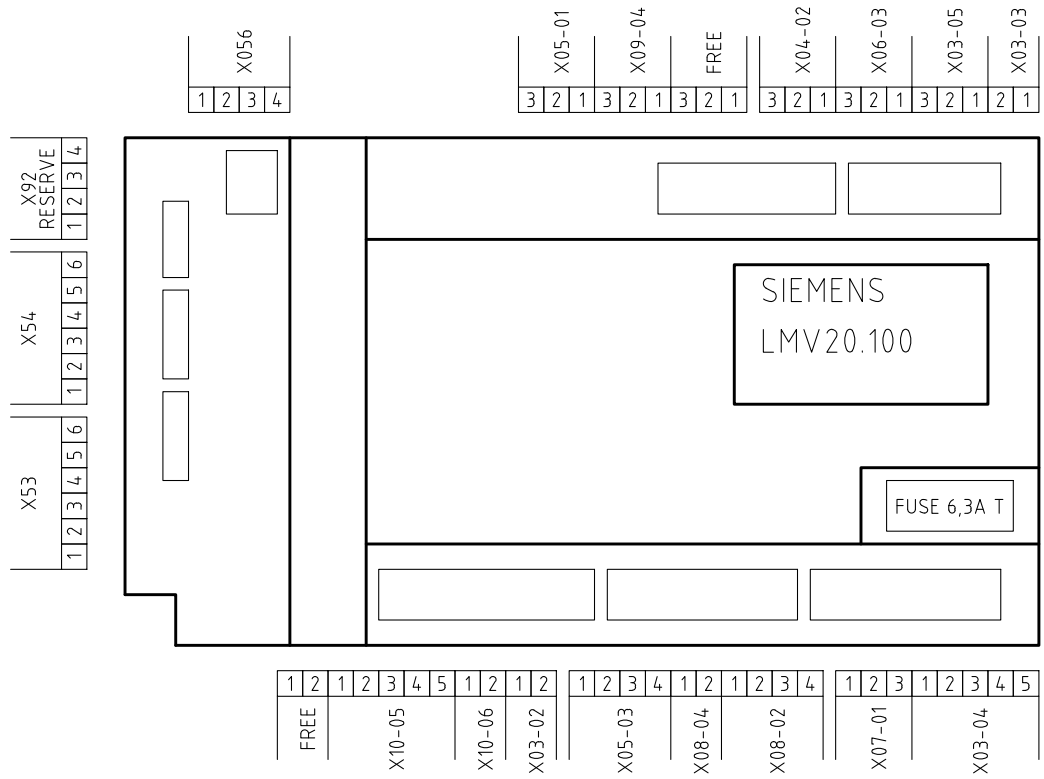
| | | | |
|-----------|-------------|-------|--------|
| Data | 22/07/2013 | PREC. | FOGLIO |
| Revisione | 02 | 8 | 9 |
| Dis. N. | 05-1004 - A | SEGUE | TOTALE |
| | | 10 | 11 |

| Sigla/Item | Foglio/Sheet | Funzione | Function |
|-----------------|--------------|---|--|
| 600V RRR0-1-T73 | 6 | REGOLATORE MODULANTE (ALTERNATIVO) | BURNER MODULATOR (ALTERNATIVE) |
| AZL2x.. | 5 | INTERFACCIA UTENTE | USER INTERFACE |
| C | 2 | CONDENSATORE | CAPACITOR |
| CMF | 6 | COMMUT. MANUALE FUNZ. 0)FERMO 1)ALTA FIAMMA 2)BASSA FIAMMA 3)AUTOMATICO | MANUAL SWITCH 0)OFF 1)HIGH FLAME 2)LOW FLAME 3)AUTOMATIC |
| 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 | 3 | ELETTROVALVOLA GAS DI SICUREZZA (OPTIONAL) | SAFETY GAS SOLENOID VALVE (OPTIONAL) |
| FU1 | 1 | FUSIBILE AUSILIARIO | AUXILIARY FUSE |
| FU2 | 6 | FUSIBILE | FUSE |
| IG | 1 | INTERRUTTORE GENERALE | MAINS SWITCH |
| IL | 1 | INTERRUTTORE LINEA AUSILIARI | AUXILIARY LINE SWITCH |
| KM3 HCRMMD | 6 | REGOLATORE MODULANTE (ALTERNATIVO) | BURNER MODULATOR (ALTERNATIVE) |
| KM-V | 2 | CONTATTORE MOTORE VENTILATORE | FAN MOTOR CONTACTOR |
| 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] |
| LF1 | 4 | LAMPADA SEGNALAZIONE FUNZIONAMENTO BRUCIATORE | INDICATOR LIGHT BURNER OPERATION |
| LF2 | 4 | LAMPADA SEGNALAZIONE FUNZIONAMENTO BRUCIATORE | INDICATOR LIGHT BURNER OPERATION |
| LMV20.100 | 1 | APPARECCHIATURA DI COMANDO | CONTROL SCHEME |
| 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 |
| LT | 1 | LAMPADA SEGNALAZIONE BLOCCO TERMICO MOTORE VENTILATORE | INDICATOR LIGHT FOR FAN MOTOR OVERLOAD THERMAL CUTOUT |
| LTA | 2 | LAMPADA SEGNALAZIONE TRASFORMATORE DI ACCENSIONE | IGNITION TRANSFORMER INDICATOR LIGHT |
| MB-DLE..Sx0 | 4 | GRUPPO VALVOLE GAS | GAS VALVES GROUP |
| MB-DLE..Sx2 | 4 | GRUPPO VALVOLE GAS | GAS VALVES GROUP |
| MBC..SEx0 | 4 | GRUPPO VALVOLE GAS (ALTERNATIVO) | GAS VALVES GROUP (ALTERNATIVE) |
| MBC..SEx2 | 4 | GRUPPO VALVOLE GAS (ALTERNATIVO) | GAS VALVES GROUP (ALTERNATIVE) |
| MV | 1 | MOTORE VENTILATORE | FAN MOTOR |
| PA | 1 | PRESSOSTATO ARIA | AIR PRESSURE SWITCH |
| PGCP_GAS | 4 | PRESSOSTATO GAS CONTROLLO PERDITE (OPTIONAL) | GAS LEAKAGE PRESSURE SWITCH (OPTIONAL) |
| PGMAX | 5 | PRESSOSTATO GAS DI MASSIMA PRESSIONE (OPTIONAL) | MAXIMUM PRESSURE GAS SWITCH (OPTIONAL) |

| | | | |
|-----------|-------------|-------|--------|
| Data | 22/07/2013 | PREC. | FOGLIO |
| Revisione | 02 | 9 | 10 |
| Dis. N. | 05-1004 - A | SEGUE | TOTALE |
| | | 11 | 11 |

| Sigla/Item | Foglio/Sheet | Funzione | Function |
|--------------------|--------------|---|--|
| PGMIN | 3 | PRESSOSTATO GAS DI MINIMA PRESSIONE | MINIMUM GAS PRESSURE SWITCH |
| PT100 | 7 | SONDA DI TEMPERATURA | TEMPERATURE PROBE |
| QF1 | 1 | MAGNETOTERMICO PROTEZIONE ALIMENTAZIONE TRIFASE | THREE-PHASE POWER CIRCUIT BREAKER PROTECTION |
| QF2 | 1 | MAGNETOTERMICO PROTEZIONE LINEA AUSILIARI | AUXILIARY SUPPLY CIRCUIT BREAKER PROTECTION |
| R | 2 | RESISTENZA | RESISTOR |
| RC | 2 | CIRCUITO RC SIEMENS | SIEMENS RC CIRCUIT |
| RWF50.2x | 6 | REGOLATORE MODULANTE | BURNER MODULATOR |
| RWF55.5x | 6 | REGOLATORE MODULANTE (ALTERNATIVO) | BURNER MODULATOR (ALTERNATIVE) |
| SD-PRESS | 7 | SONDA DI PRESSIONE | PRESSURE PROBE |
| SD-TEMP. | 7 | SONDA DI TEMPERATURA | TEMPERATURE PROBE |
| SD - 0÷10V | 7 | TRASDUTTORE USCITA IN TENSIONE | TRANSDUCER VOLTAGE OUTPUT |
| SD - 4÷20mA | 7 | TRASDUTTORE USCITA IN CORRENTE | TRANSDUCER CURRENT OUTPUT |
| SQN1../SQM3.. AIR | 5 | SERVOCOMANDO SERRANDA ARIA | AIR DAMPER ACTUATOR |
| SQN1../SQM3.. FUEL | 5 | SERVOCOMANDO COMBUSTIBILE | FUEL ACTUATOR |
| ST | 3 | SERIE TERMOSTATI/PRESSOSTATI | SERIES OF THERMOSTATS OR PRESSURE SWITCHES |
| TA | 2 | TRASFORMATORE DI ACCENSIONE | IGNITION TRANSFORMER |
| TAB | 3 | TERMOSTATO/PRESSOSTATO ALTA-BASSA FIAMMA | HIGH-LOW THERMOSTAT/PRESSURE SWITCHES |
| TC | 7 | TERMOCOPPIA | THERMOCOUPLE |
| TV | 1 | TERMICO MOTORE VENTILATORE | FAN MOTOR THERMAL |
| UV | 5 | SONDA UV RILEVAZIONE FIAMMA | UV FLAME DETECTOR |

| | | | |
|-----------|-------------|-------|--------|
| Data | 22/07/2013 | PREC. | FOGLIO |
| Revisione | 02 | 10 | 11 |
| Dis. N. | 05-1004 - A | SEGUE | TOTALE |
| | | 12 | 11 |



CODE 6100561 REV. 1

VISTA LATO COMPONENTI
COMPONENTS SIDE VIEW

| | | | |
|-----------|-------------|-------|--------|
| Data | 22/07/2013 | PREC. | FOGLIO |
| Revisione | 02 | 11 | 12 |
| Dis. N. | 05-1004 - A | SEGUE | TOTALE |
| | / | | 11 |