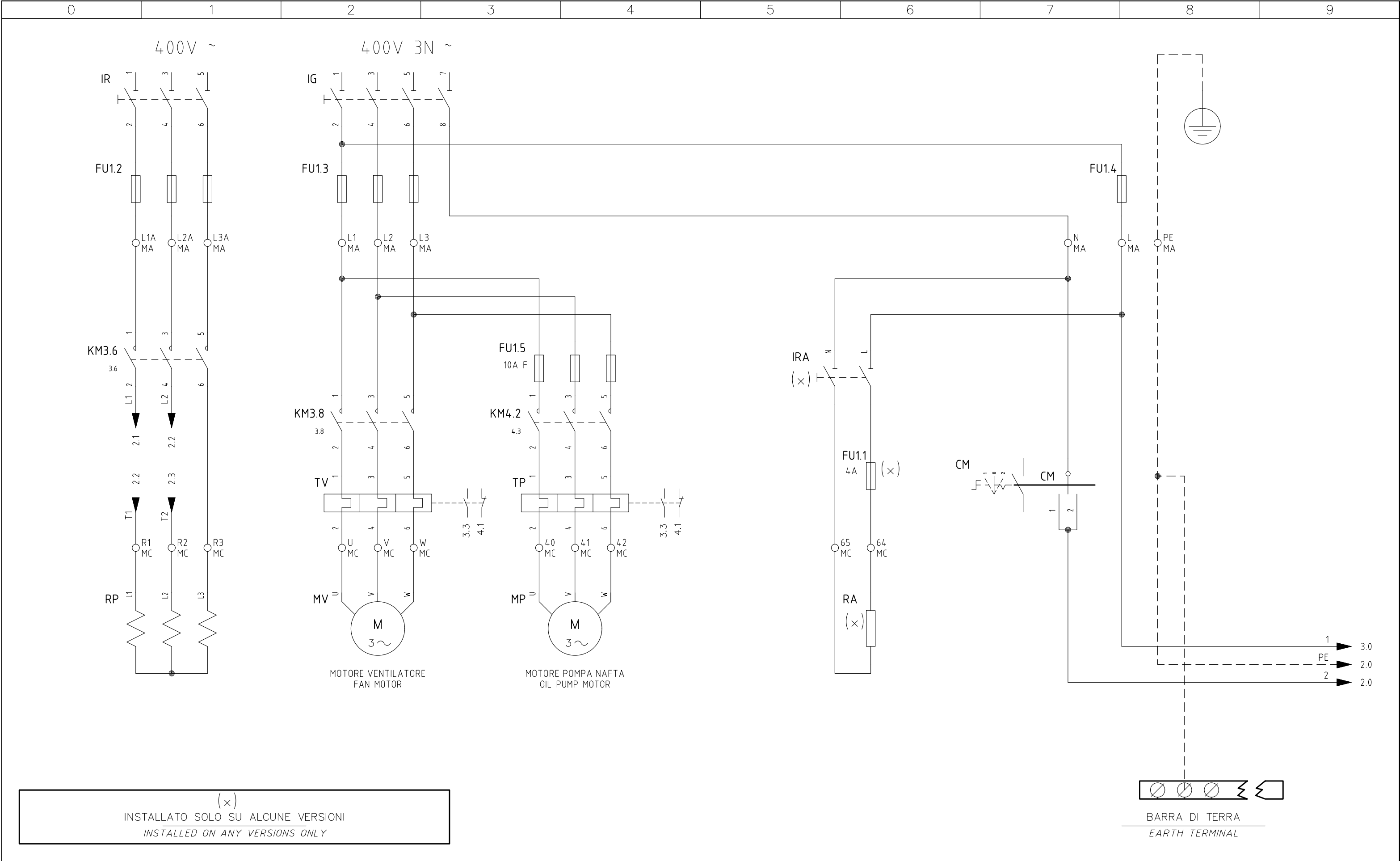
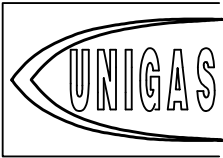
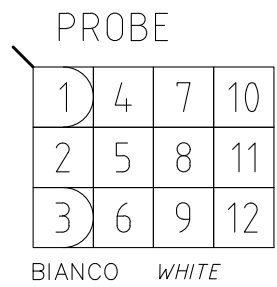
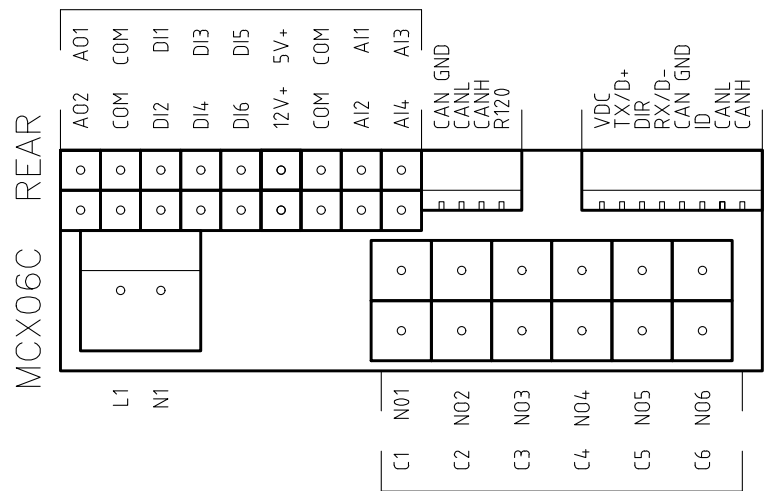
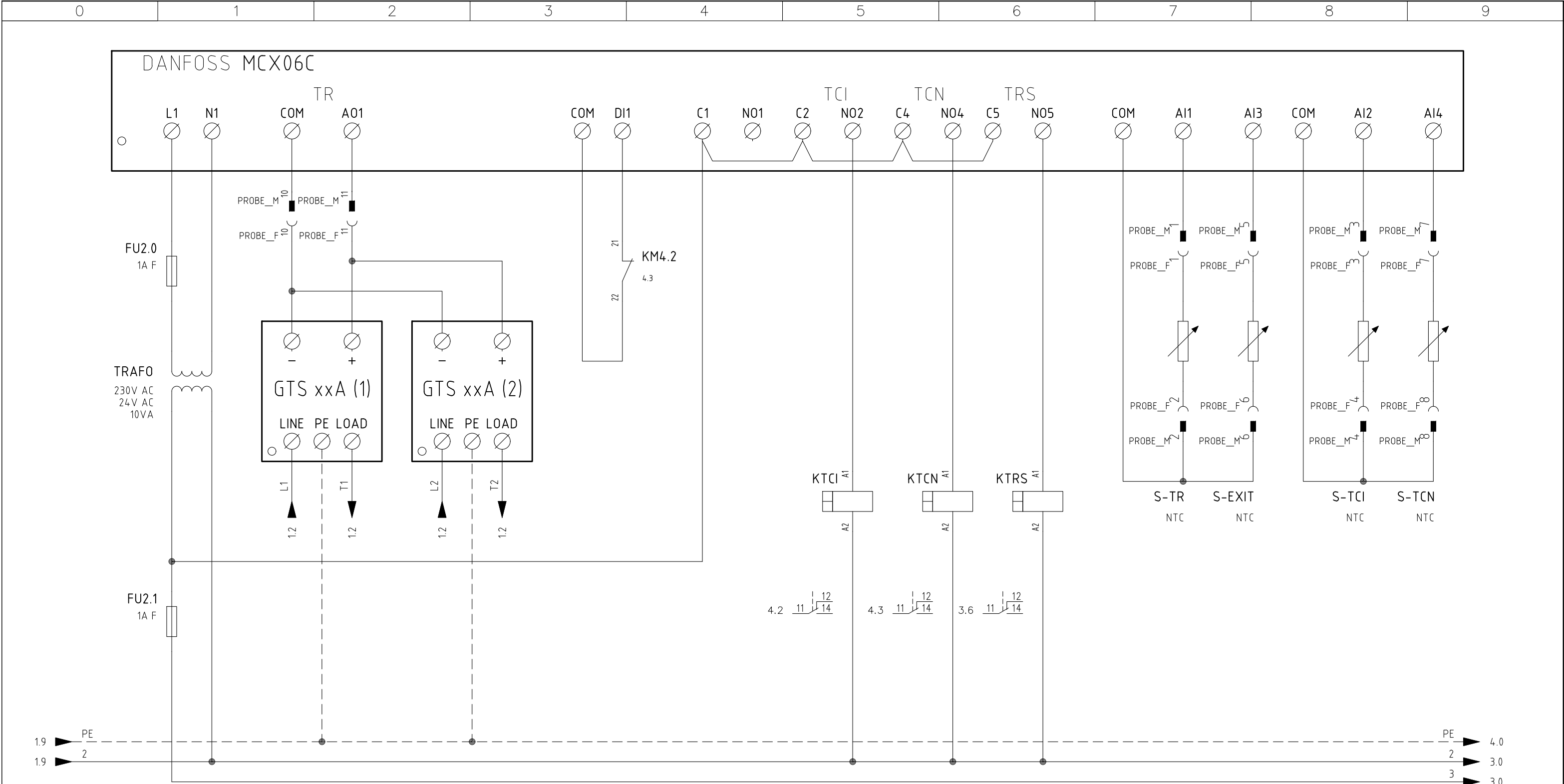


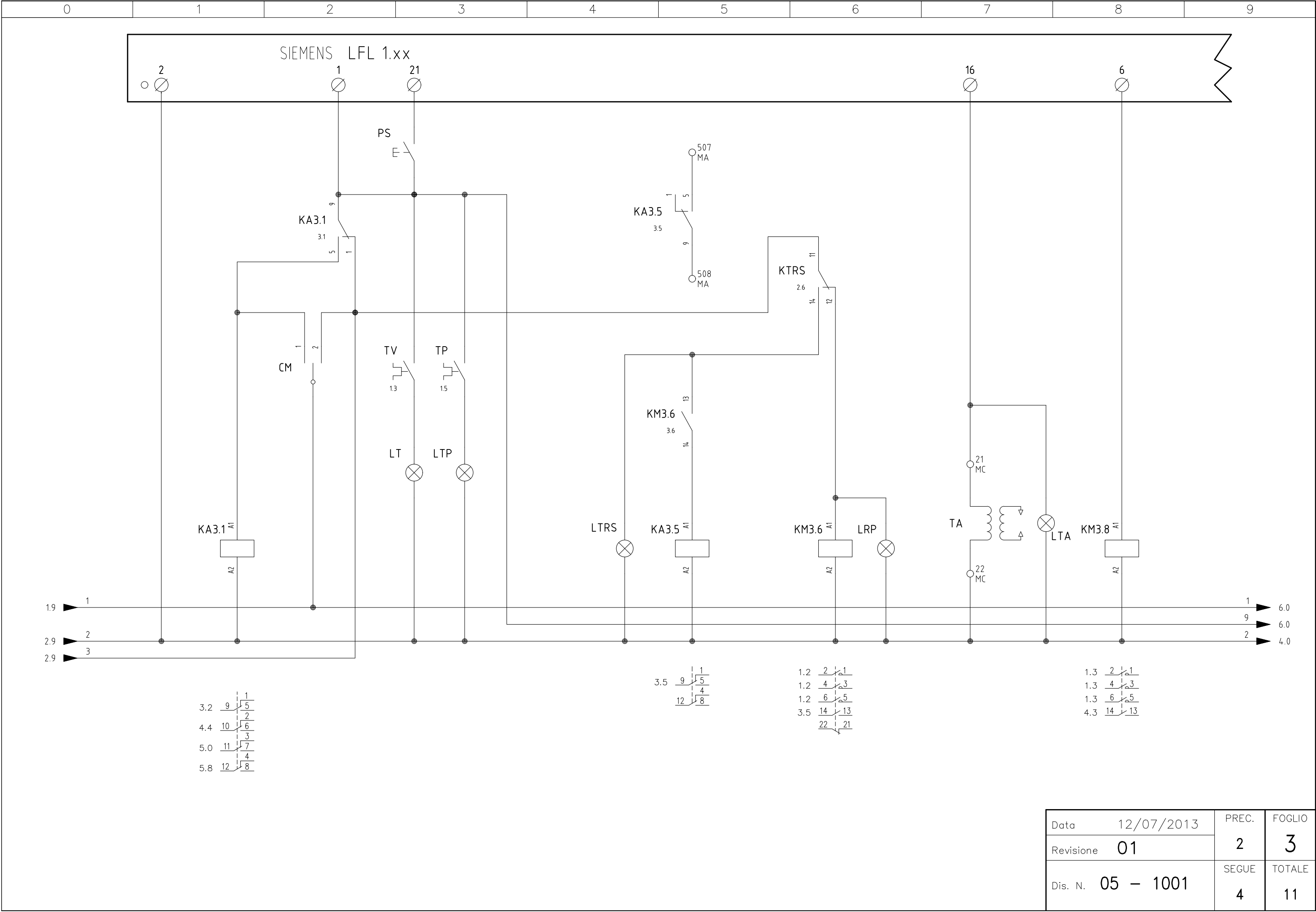


|      |                                   |          |           |                                                                                      |                                                                |                        |                                |           |            |       |        |
|------|-----------------------------------|----------|-----------|--------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------|--------------------------------|-----------|------------|-------|--------|
|      |                                   |          |           |  | Impianto                                                       | Ordine                 |                                | Data      | 12/07/2013 | PREC. | FOGLIO |
|      |                                   |          |           |                                                                                      | TIPO/TYPE KP60/.../KP93A – KR512A<br>MODELLO Mx.MD.x.xx.A.x.xx | Commissa               | Data Controllato<br>06/11/2014 | Revisione | 01         |       |        |
|      |                                   |          |           |                                                                                      | Descrizione                                                    | Esecutore<br>U. PINTON | Controllato<br>E. CAVALLI      | Dis. N.   | 05 – 1001  | SEGUE | TOTALE |
| 01   | ADDED "RWF55" AND "KM3" REGULATOR | 06/11/14 | U. PINTON |                                                                                      | CON MULTI-TERMOSTATO MCX06C<br>WITH MCX06C MULTI-THERMOSTAT    |                        |                                |           |            | 2     | 11     |
| REV. | MODIFICA                          | DATA     | FIRME     |                                                                                      |                                                                |                        |                                |           |            |       |        |

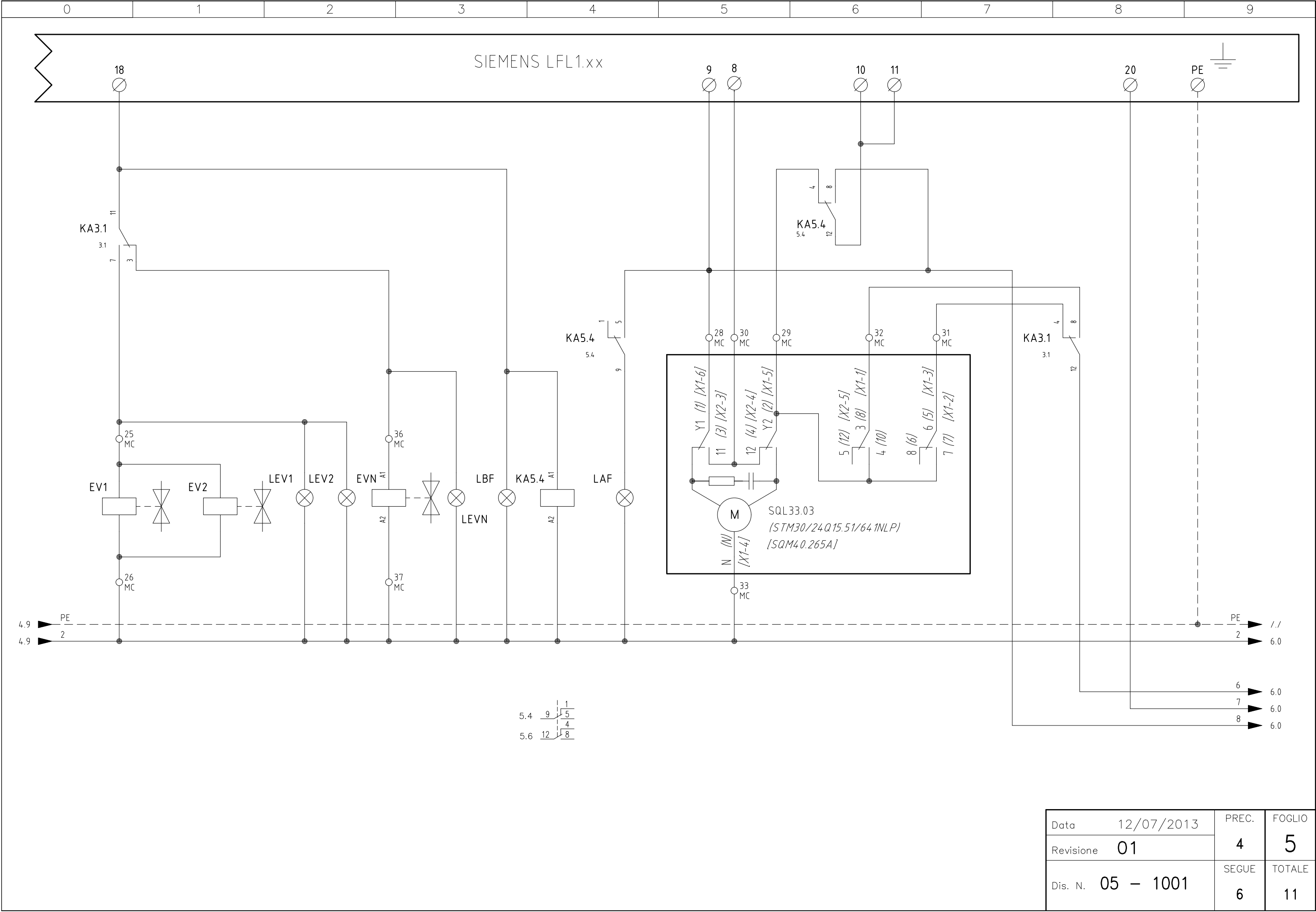


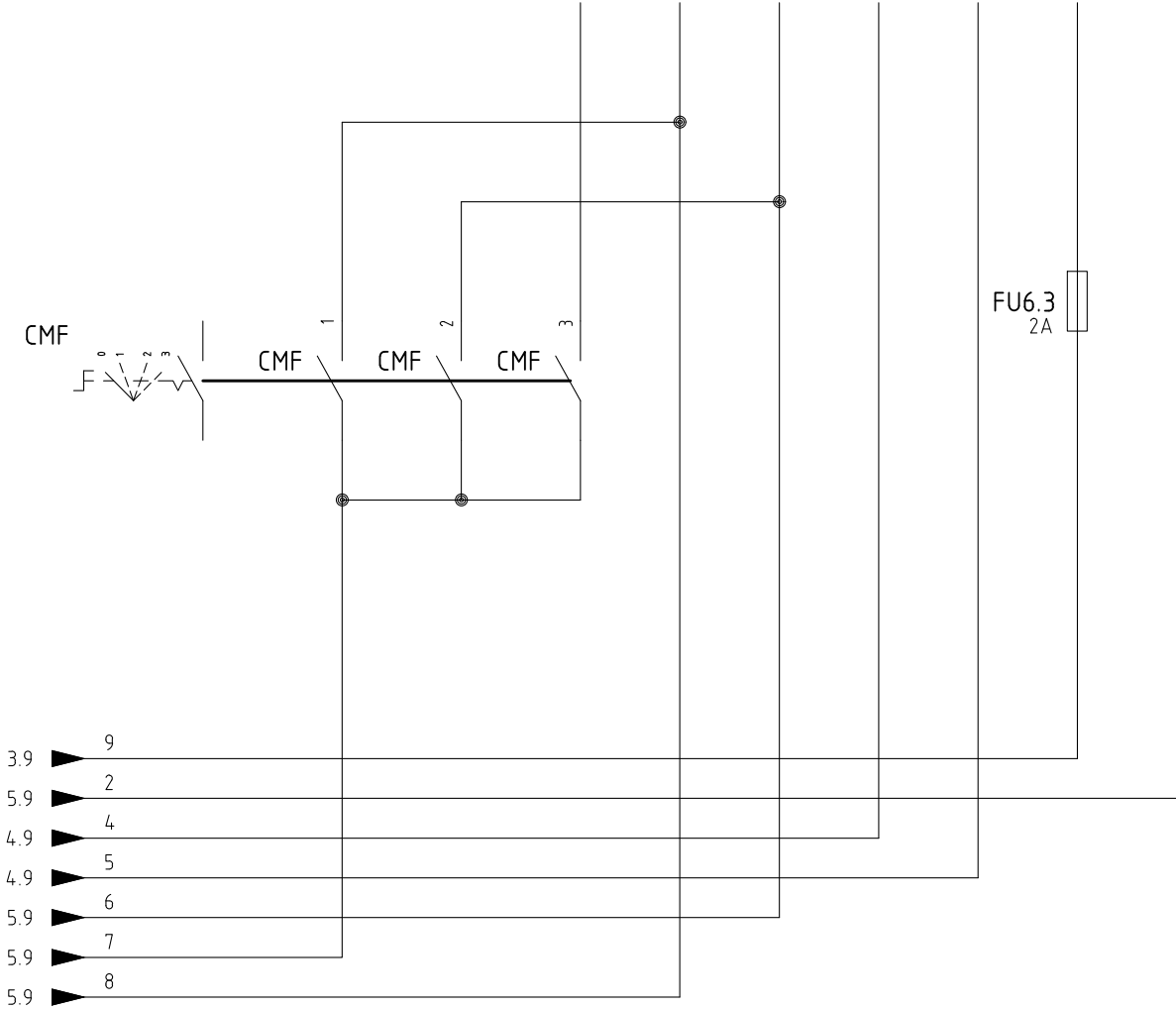
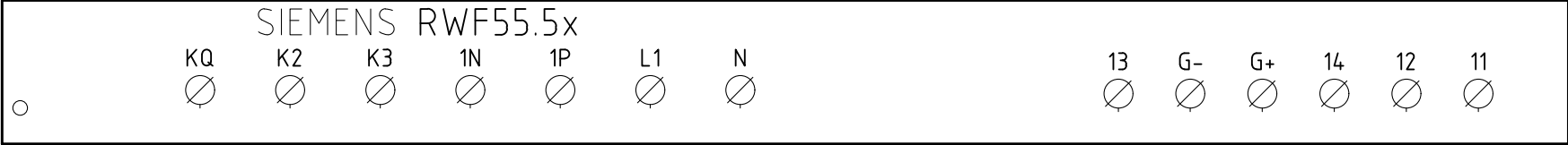
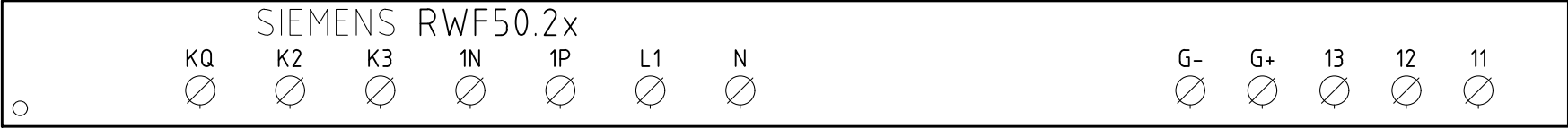
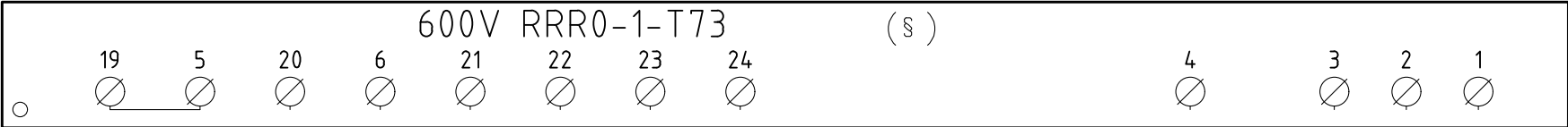
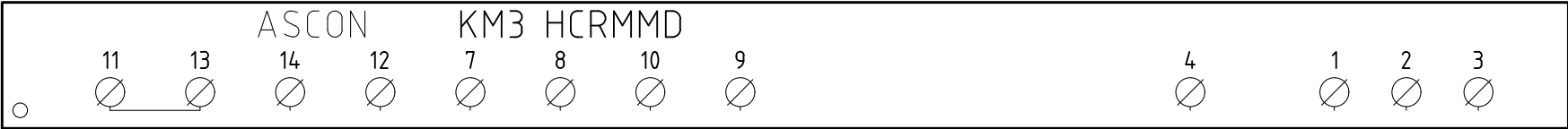
VISTA LATO COMPONENTI (SONDE)  
COMPONENTS SIDE VIEW (PROBE)

|           |            |       |        |
|-----------|------------|-------|--------|
| Data      | 12/07/2013 | PREC. | FOGLIO |
| Revisione | 01         | 1     | 2      |
| Dis. N.   | 05 - 1001  | SEGUE | TOTALE |
|           |            | 3     | 11     |

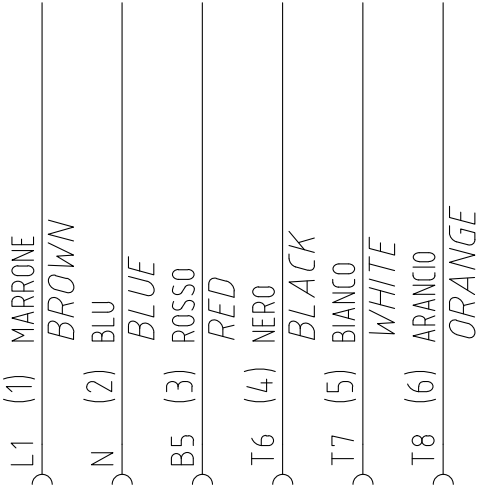






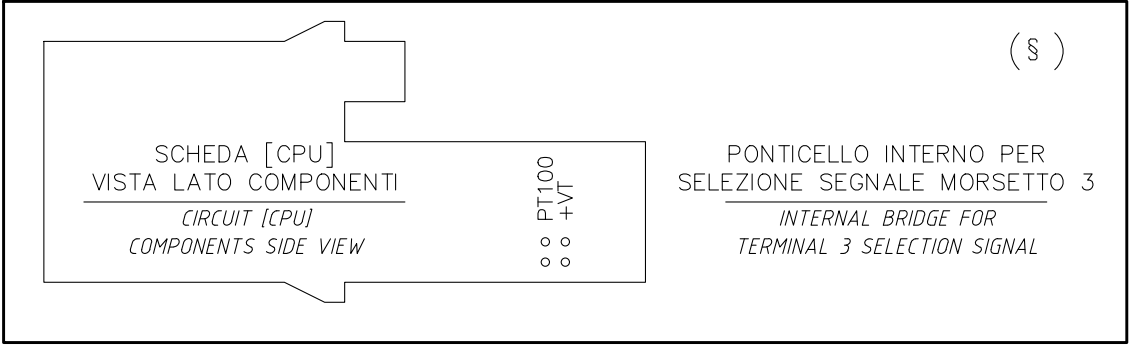


CONN. 7 PINS



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

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



|           |            |            |              |
|-----------|------------|------------|--------------|
| Data      | 12/07/2013 | PREC.      | FOGLIO       |
| Revisione | 01         | 5          | 6            |
| Dis. N.   | 05 – 1001  | SEGUE<br>7 | TOTALE<br>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

2

3

T6

T8

SD-TEMP.

PT1000  
1000 OHM 0°C

1

2

3

T6

T7

T8

PT100  
100 OHM 0°C

2

1

T7

T8

TC

4

1

N

T8

SD - 4÷20mA

(#)

2

1

T7

T8

SD - 0÷10V

4

2

1

N

T7

T8

SD-PRESS

(#)

SIEMENS QBE...

PT100

+VT

( § )

3 = PT100

3 = +VT

PONTICELLO INTERNO PER SELEZIONE SEGNALE MORSETTO 3

INTERNAL BRIDGE FOR TERMINAL 3 SELECTION SIGNAL

3 (PT100)

2

1

T6

T7

T8

PT100  
100 OHM 0°C

2

1

T7

T8

TC

4

3 (+VT)

2

1

N

T6

T7

T8

SD - 4÷20mA

(#)

2

1

T7

T8

SD - 0÷10V

3 (+VT)

2

1

T6

T7

T8

SD-PRESS

(#)

SIEMENS QBE...

14

11

T6

T8

SD-TEMP.

SD-TEMP. SIEMENS

PT1000  
1000 OHM 0°C

14

12

11

T6

T7

T8

PT100  
100 OHM 0°C

14

12

T6

T7

TC

G-

G+

14

12

N

B5

T6

T7

SD - 4÷20mA

(#)

13

14

L1

T6

SD - 0÷10V

13

G-

G+

14

L1

N

B5

T6

SD-PRESS

(#)

SIEMENS QBE... 0÷10V

13

11

T6

T8

SD-TEMP.

SD-TEMP. SIEMENS

PT1000  
1000 OHM 0°C

13

12

11

T6

T7

T8

PT100  
100 OHM 0°C

13

12

T6

T7

SD - 4÷20mA

(#)

13

11

T6

T8

SD - 0÷10V

G-

G+

13

11

N

B5

T6

T8

SD-PRESS

(#)

SIEMENS QBE... 0÷10V

(#)

COLLEGAMENTO SOLO PER TRASDUTTORI PASSIVI

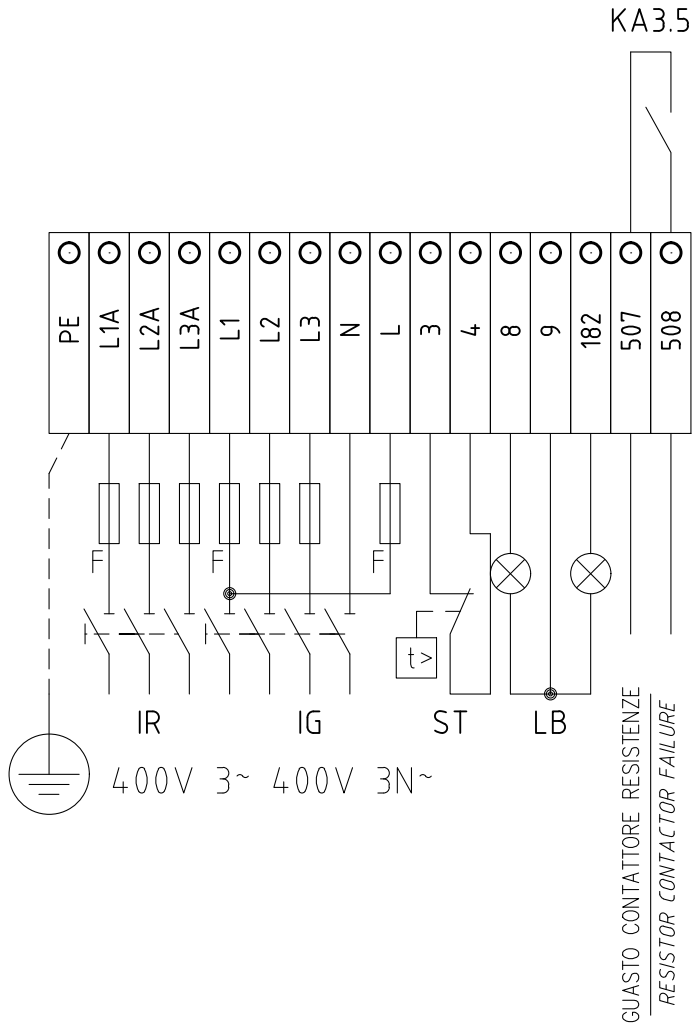
TRASDUCER PASSIVE CONNECTION ONLY

|           |            |         |           |
|-----------|------------|---------|-----------|
| Data      | 12/07/2013 | PREC.   | FOGLIO    |
| Revisione | 01         | 6       | 7         |
| Dis. N.   | 05 - 1001  | SEGUE 8 | TOTALE 11 |

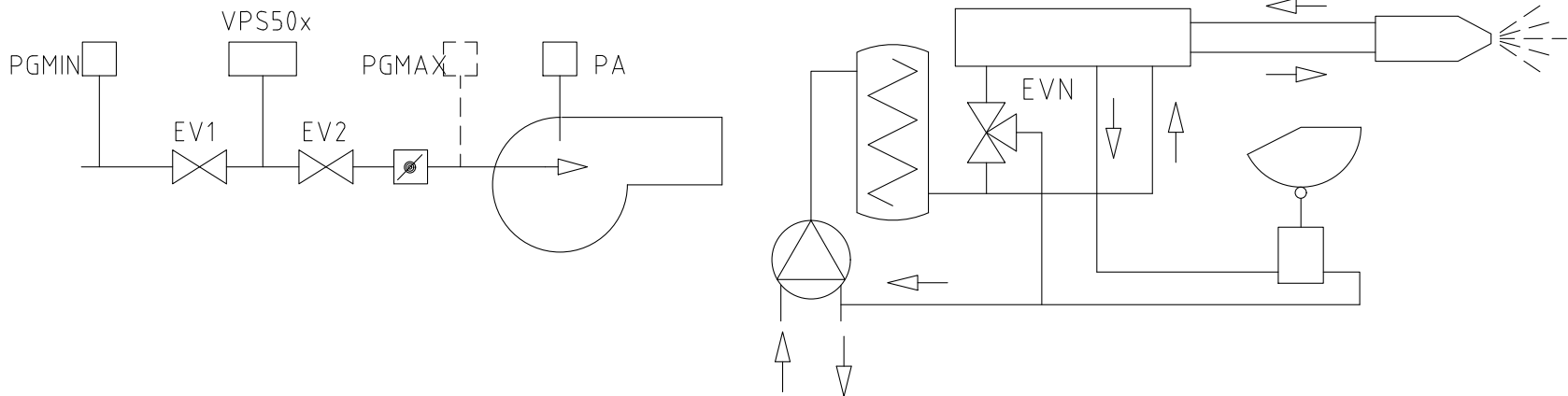
QUADRO QG - MORSETTIERA MA

MORSETTIERA ALIMENTAZIONE BRUCIATORE

BURNER SUPPLY TERMINAL BOARD

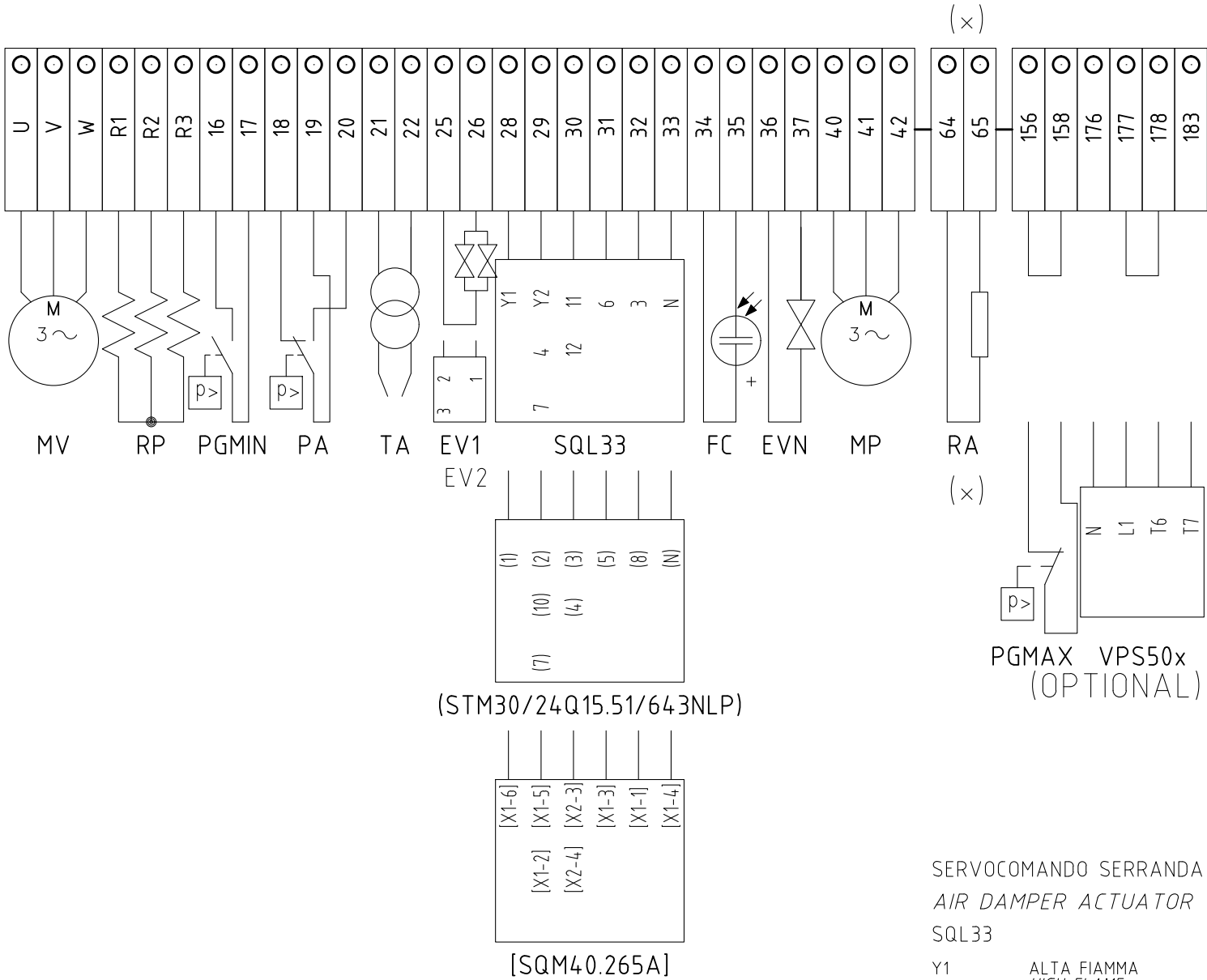


(x)  
INSTALLATO SOLO SU ALCUNE VERSIONI  
INSTALLED ON ANY VERSIONS ONLY

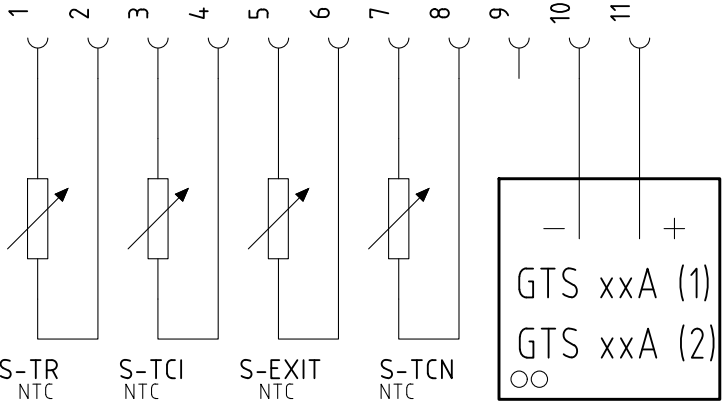


|           |            |       |        |
|-----------|------------|-------|--------|
| Data      | 12/07/2013 | PREC. | FOGLIO |
| Revisione | 01         | 7     | 8      |
| Dis. N.   | 05 - 1001  | SEGUE | TOTALE |
|           |            | 9     | 11     |

QUADRO QG – MORSETTIERA MC  
MORSETTIERA COMPONENTI BRUCIATORE  
BURNER COMPONENT TERMINAL BOARD



QG – PROBE\_F  
CONNETTORE SONDE [MCX06C]  
[MCX06C] PROBES CONNECTOR



(x)  
INSTALLATO SOLO SU ALCUNE VERSIONI  
INSTALLED ON ANY VERSIONS ONLY

|           |            |             |              |
|-----------|------------|-------------|--------------|
| Data      | 12/07/2013 | PREC.       | FOGLIO       |
| Revisione | 01         | 8           | 9            |
| Dis. N.   | 05 – 1001  | SEGUE<br>10 | TOTALE<br>11 |

(x)

| Sigla/Item              | Foglio/Sheet | Funzione                                                                | Function                                                 |
|-------------------------|--------------|-------------------------------------------------------------------------|----------------------------------------------------------|
| 600V RRR0-1-T73         | 6            | REGOLATORE MODULANTE (ALTERNATIVO)                                      | BURNER MODULATOR (ALTERNATIVE)                           |
| (STM30/24Q15.51/641NLP) | 5            | SERVOCOMANDO SERRANDA ARIA (ALTERNATIVO)                                | AIR DAMPER ACTUATOR (ALTERNATIVE)                        |
| CM                      | 1            | COMMUTATORE FUNZIONAMENTO 1)GAS 0)SPENTO 2)NAFTA                        | MANUAL OPERATION SWITCH 1)GAS 0)SPENTO 2)OIL             |
| 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 |
| EV1                     | 5            | ELETTROVALVOLA GAS LATO RETE (0 GRUPPO VALVOLE)                         | UPSTREAM GAS SOLENOID VALVE (OR VALVES GROUP)            |
| EV2                     | 5            | ELETTROVALVOLA GAS LATO BRUCIATORE (0 GRUPPO VALVOLE)                   | DOWNSTREAM GAS SOLENOID VALVE (OR VALVES GROUP)          |
| EVN                     | 5            | ELETTROVALVOLA NAFTA                                                    | OIL SOLENOID VALVE                                       |
| FC                      | 4            | SONDA UV RILEVAZIONE FIAMMA                                             | UV FLAME DETECTOR                                        |
| FU1.1                   | 1            | FUSIBILE RESISTENZE AUSILIARIE                                          | AUXILIARY HEATERS FUSE                                   |
| FU1.2                   | 1            | FUSIBILI DI LINEA                                                       | LINE FUSES                                               |
| FU1.3                   | 1            | FUSIBILI DI LINEA                                                       | LINE FUSES                                               |
| FU1.4                   | 1            | FUSIBILE DI LINEA                                                       | LINE FUSE                                                |
| FU1.5                   | 1            | FUSIBILI LINEA POMPA                                                    | PUMP LINE FUSES                                          |
| FU2.0                   | 2            | FUSIBILE AUSILIARIO                                                     | AUXILIARY FUSE                                           |
| FU2.1                   | 2            | FUSIBILE AUSILIARIO                                                     | AUXILIARY FUSE                                           |
| FU6.3                   | 6            | FUSIBILE                                                                | FUSE                                                     |
| GTS xxA (1)             | 2            | TIRISTORE                                                               | THYRISTOR                                                |
| GTS xxA (2)             | 2            | TIRISTORE                                                               | THYRISTOR                                                |
| IG                      | 1            | INTERRUTTORE GENERALE                                                   | MAINS SWITCH                                             |
| IR                      | 1            | INTERRUTTORE LINEA RESISTENZE PRERISCALDATORE                           | PRE-HEATING RESISTOR LINE SWITCH                         |
| IRA                     | 1            | INTERRUTTORE RESISTENZE AUSILIARIE                                      | AUXILIARY HEATERS SWITCH                                 |
| KA3.1                   | 3            | RELE'' AUSILIARIO                                                       | AUXILIARY RELAY                                          |
| KA3.5                   | 3            | RELE'' AUSILIARIO SEGNALAZIONE GUASTO CONTATTORE RESISTENZE             | AUXILIARY RELAY FOR RESISTOR CONTACTOR FAILURE           |
| KA5.4                   | 5            | RELE'' AUSILIARIO                                                       | AUXILIARY RELAY                                          |
| KM3.6                   | 3            | CONTATTORE RESISTENZE PRERISCALDATORE [RP]                              | PRE-HEATING RESISTOR [RP] CONTACTOR                      |
| KM3.8                   | 3            | CONTATTORE MOTORE VENTILATORE                                           | FAN MOTOR CONTACTOR                                      |
| KM3 HCRMMD              | 6            | REGOLATORE MODULANTE (ALTERNATIVO)                                      | BURNER MODULATOR (ALTERNATIVE)                           |
| KM4.2                   | 4            | CONTATTORE MOTORE POMPA NAFTA                                           | OIL PUMP MOTOR CONTACTOR                                 |
| KTCI                    | 2            | RELE'' AUSILIARIO                                                       | AUXILIARY RELAY                                          |
| KTCN                    | 2            | RELE'' AUSILIARIO                                                       | AUXILIARY RELAY                                          |
| KTRS                    | 2            | RELE'' AUSILIARIO                                                       | AUXILIARY RELAY                                          |
| LAF                     | 5            | LAMPADA SEGNALAZIONE ALTA FIAMMA BRUCIATORE                             | BURNER IN HIGH FLAME INDICATOR LIGHT                     |
| LB                      | 4            | LAMPADA SEGNALAZIONE BLOCCO BRUCIATORE                                  | INDICATOR LIGHT FOR BURNER LOCK-OUT                      |
| LBF                     | 5            | LAMPADA SEGNALAZIONE BASSA FIAMMA BRUCIATORE                            | BURNER IN LOW FLAME INDICATOR LIGHT                      |
| 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]       |
| LEVN                    | 5            | LAMPADA SEGNALAZIONE APERTURA [EVN]                                     | INDICATOR LIGHT FOR OPENING OF ELECTRO-VALVE [EVN]       |
| LFL 1.xx                | 3            | APPARECCHIATURA CONTROLLO FIAMMA                                        | CONTROL BOX                                              |

---

(x)

| Sigla/Item   | Foglio/Sheet | Funzione                                                  | Function                                                |
|--------------|--------------|-----------------------------------------------------------|---------------------------------------------------------|
| LPGMIN       | 4            | LAMPADA SEGNALAZIONE PRESENZA GAS IN RETE                 | INDICATOR LIGHT FOR PRESENCE OF GAS IN THE NETWORK      |
| LRP          | 3            | LAMPADA SEGNALAZIONE FUNZIONAMENTO PRERISCALDATORE [RP]   | INDICATOR LIGHT FOR PRE-HEATING RESISTOR [RP] OPERATION |
| LS           | 4            | LAMPADA SEGNALAZIONE SOSTA BRUCIATORE                     | INDICATOR LIGHT FOR BURNER STAND-BY                     |
| LSPG         | 4            | LAMPADA SEGNALAZIONE BLOCCO CONTROLLO TENUTA VALVOLE      | INDICATOR LIGHT FOR LEAKAGE OF VALVES                   |
| 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                    |
| LTP          | 3            | LAMPADA SEGNALAZIONE BLOCCO TERMICO MOTORE POMPA          | INDICATOR LIGHT FOR PUMP MOTOR OVERLOAD THERMAL CUTOUT  |
| LTRS         | 3            | LAMPADA SEGNALAZIONE BLOCCO TERMOSTATO DI SICUREZZA [TRS] | INDICATOR LIGHT FOR [TRS] SAFETY THERMOSTAT             |
| MCX06C       | 2            | REGOLATORE TEMPERATURE NAFTA                              | OIL TEMPERATURE REGULATOR                               |
| MP           | 1            | MOTORE POMPA NAFTA                                        | OIL PUMP MOTOR                                          |
| MV           | 1            | MOTORE VENTILATORE                                        | FAN MOTOR                                               |
| PA           | 4            | PRESSOSTATO ARIA                                          | AIR 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        | 7            | SONDA DI TEMPERATURA                                      | TEMPERATURE PROBE                                       |
| RA           | 1            | RESISTENZE AUSILIARIE                                     | AUXILIARY HEATERS                                       |
| RP           | 1            | RESISTENZE PRERISCALDATORE NAFTA                          | PRE-HEATING TANK RESISTORS                              |
| RWF50.2x     | 6            | REGOLATORE MODULANTE                                      | BURNER MODULATOR                                        |
| RWF55.5x     | 6            | REGOLATORE MODULANTE (ALTERNATIVO)                        | BURNER MODULATOR (ALTERNATIVE)                          |
| S-EXIT       | 2            | SONDA TEMPERATURA USCITA BARILOTTO                        | TANK OUTLET OIL TEMPERATURE PROBE                       |
| S-TCI        | 2            | SONDA TEMPERATURA CONSENSO IMPIANTO                       | PLANT CONSENT TEMPERATURE PROBE                         |
| S-TCN        | 2            | SONDA TEMPERATURA CONSENSO NAFTA                          | OIL CONSENT TEMPERATURE PROBE                           |
| S-TR         | 2            | SONDA TEMPERATURA RESISTENZE                              | RESISTOR TEMPERATURE PROBE                              |
| 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                               |
| SQL33.03     | 5            | SERVOCOMANDO SERRANDA ARIA                                | AIR DAMPER ACTUATOR                                     |
| ST           | 4            | SERIE TERMOSTATI/PRESSOSTATI                              | SERIES OF THERMOSTATS OR PRESSURE SWITCHES              |
| TA           | 3            | TRASFORMATORE DI ACCENSIONE                               | IGNITION TRANSFORMER                                    |
| TC           | 7            | TERMOCOPPIA                                               | THERMOCOUPLE                                            |
| TP           | 1            | TERMICO MOTORE POMPA                                      | PUMP MOTOR THERMAL                                      |
| TRAFO        | 2            | TRASFORMATORE AUSILIARIO                                  | AUXILIARY TRANSFORMER                                   |
| TV           | 1            | TERMICO MOTORE VENTILATORE                                | FAN MOTOR THERMAL                                       |
| VPS50x       | 4            | CONTROLLO DI TENUTA VALVOLE GAS (OPTIONAL)                | GAS PROVING SYSTEM (OPTIONAL)                           |
| [SQM40.265A] | 5            | SERVOCOMANDO SERRANDA ARIA (ALTERNATIVO)                  | AIR DAMPER ACTUATOR (ALTERNATIVE)                       |

|                                                                                                                     |  |  |                                                                              |                                      |                                         |
|---------------------------------------------------------------------------------------------------------------------|--|--|------------------------------------------------------------------------------|--------------------------------------|-----------------------------------------|
| <div> <div>(x)</div> <div>INSTALLATO SOLO SU ALCUNE VERSIONI</div> <div>INSTALLED ON ANY VERSIONS ONLY</div> </div> |  |  | <div>Data12/07/2013</div> <div>Revisione01</div> <div>Dis. N.05 – 1001</div> | <div>PREC.10</div> <div>SEGUE/</div> | <div>FOGLIO11</div> <div>TOTALE11</div> |
|---------------------------------------------------------------------------------------------------------------------|--|--|------------------------------------------------------------------------------|--------------------------------------|-----------------------------------------|