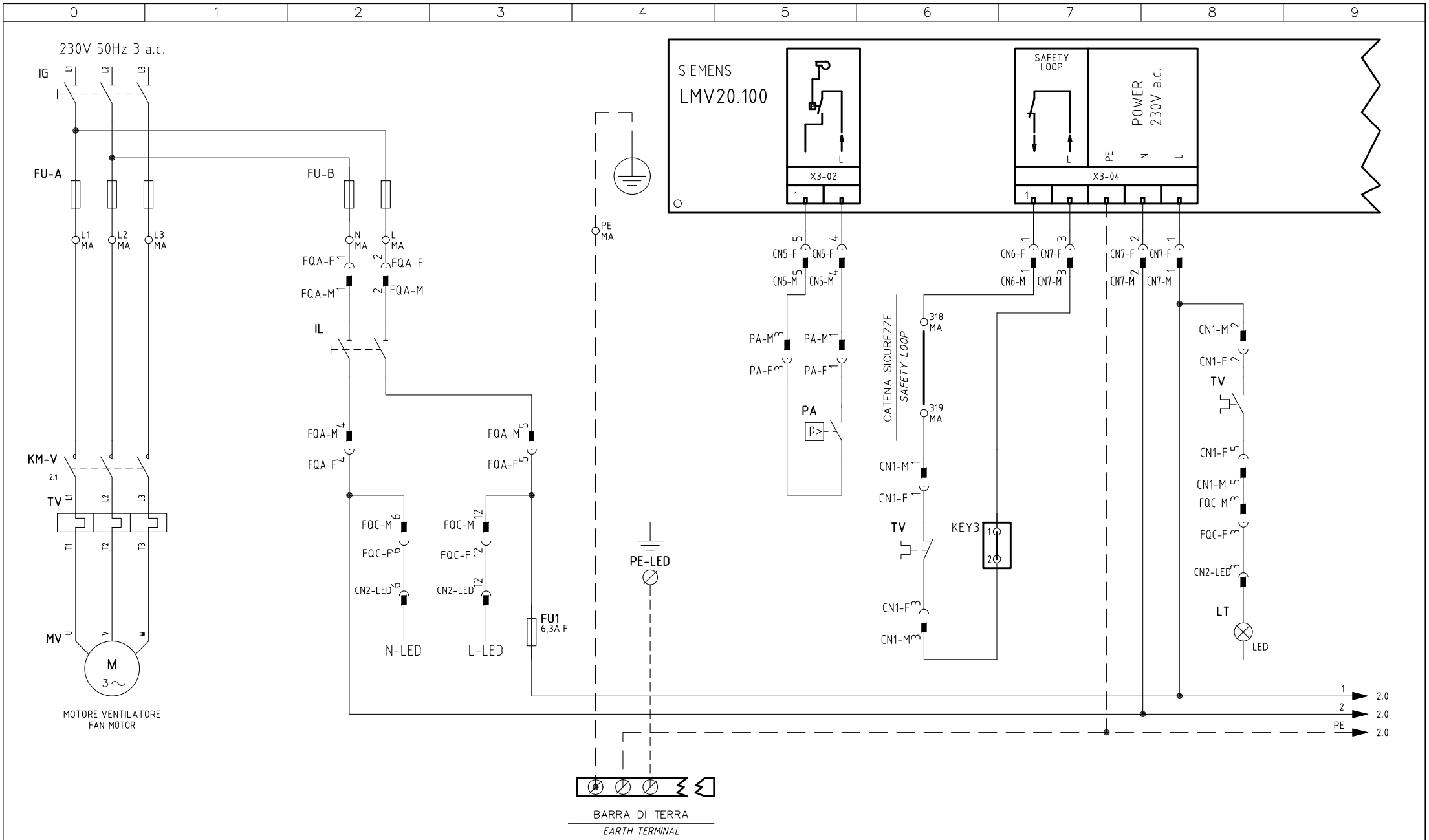


REV.	MODIFICA	DATA	FIRME
02	ADDED EARTH WIRE ON LED CIRCUIT	12/02/15	U. PINTON
01	UPDATE "PA" WITH PCB 6100561 REV. 1	01/09/14	U. PINTON

UNIGAS

Impianto: TIPI/TYPES CxxxA / CxxxX / ExxxA /ExxxX
MODELLO/MODEL M-.PR(MD).xx.xx.A.x.xx.EA

Descrizione: LMV20 + COD. 6100561 + COD. 6100566

Ordine

Commessa

Esecutore: U. PINTON

Data Controllato: 09/04/2018

Controllato: M.MASCHIO

Data: 16/06/2014

Revisione: 02

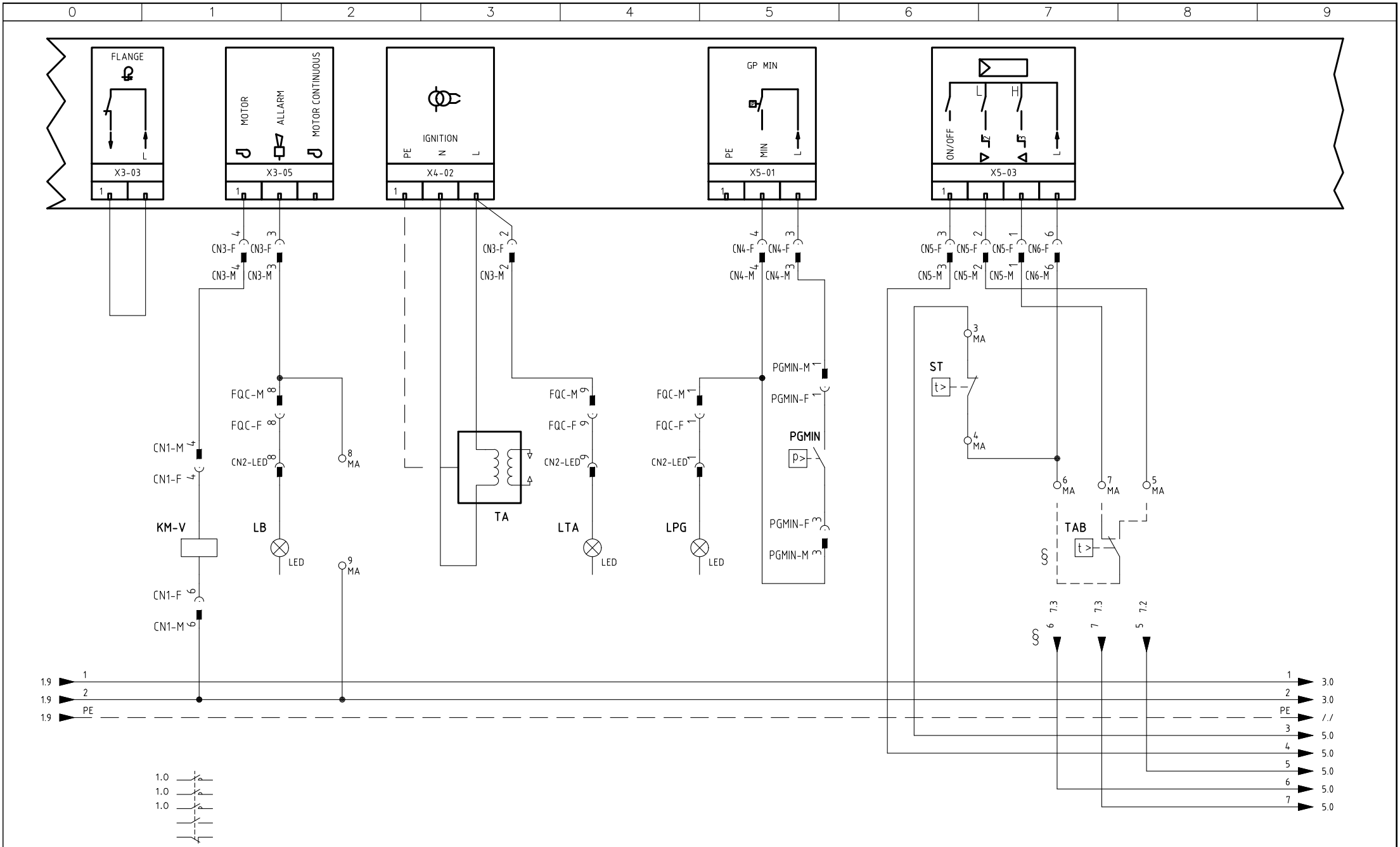
Dis. N. 05 – 1045 A

PREC.: /

FOGLIO: 1

SEGUE: 2

TOTALE: 11

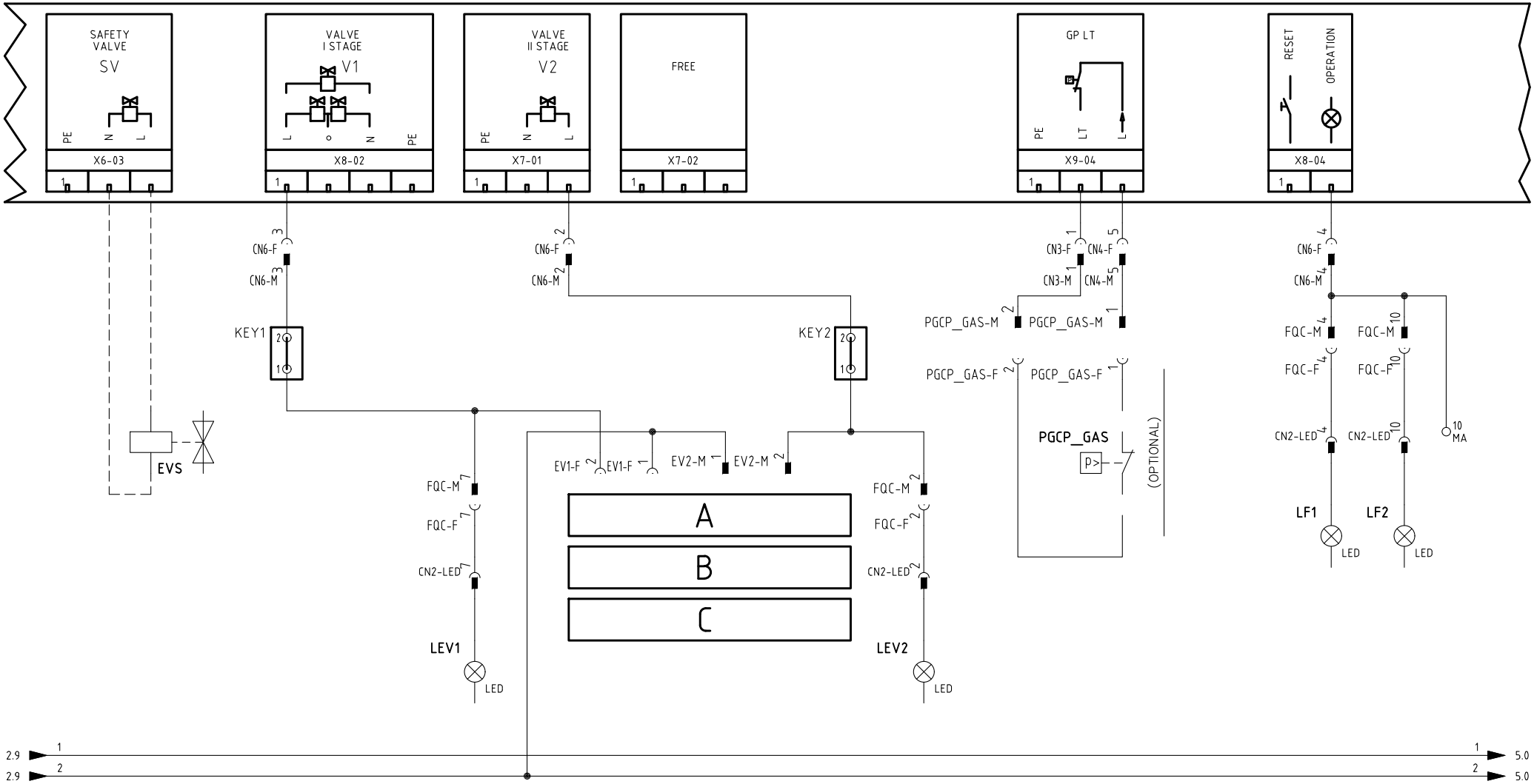


§

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

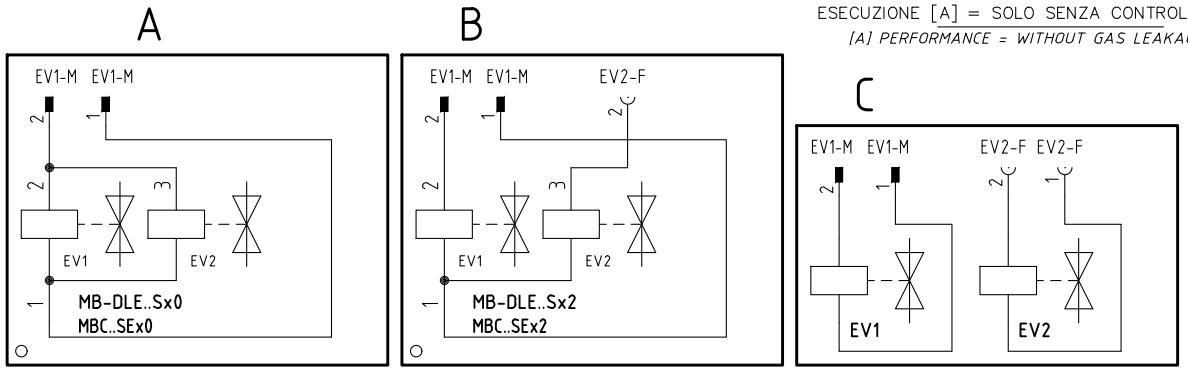
(PR) VERSION / (MD) VERSION WITH RWF.. / 600V / KM3

Data	16/06/2014	PREC.	FOGLIO
Revisione	02	1	2
Dis. N.	05 – 1045 A	SEGUE	TOTALE
		3	11

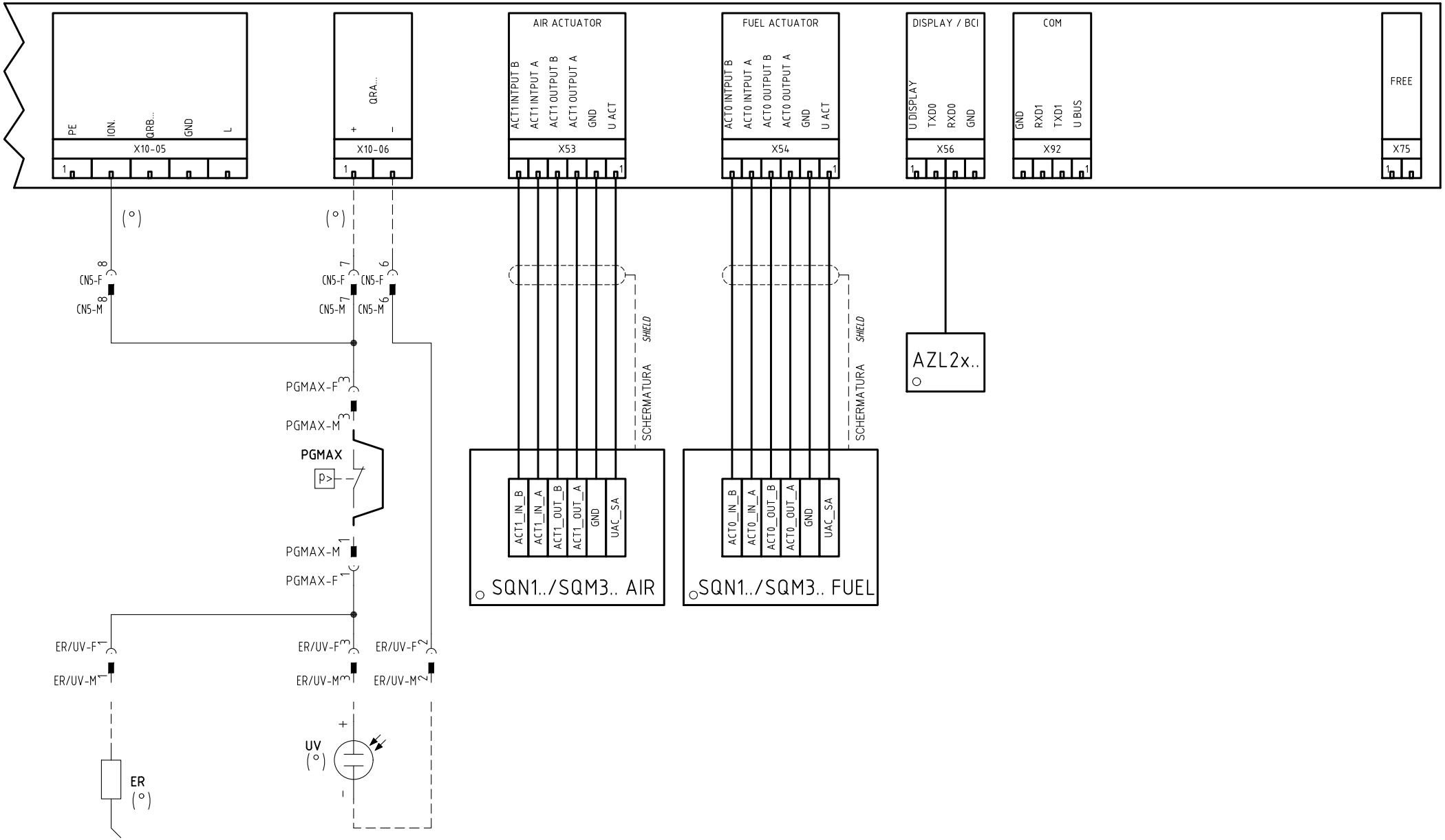


ESECUZIONE [A] = SOLO SENZA CONTROLLO TENUTA

[A] PERFORMANCE = WITHOUT GAS LEAKAGE ONLY



Data	16/06/2014	PREC.	FOGLIO
Revisione	02	2	3
Dis. N.	05 – 1045 A	SEGUE 4	TOTALE 11

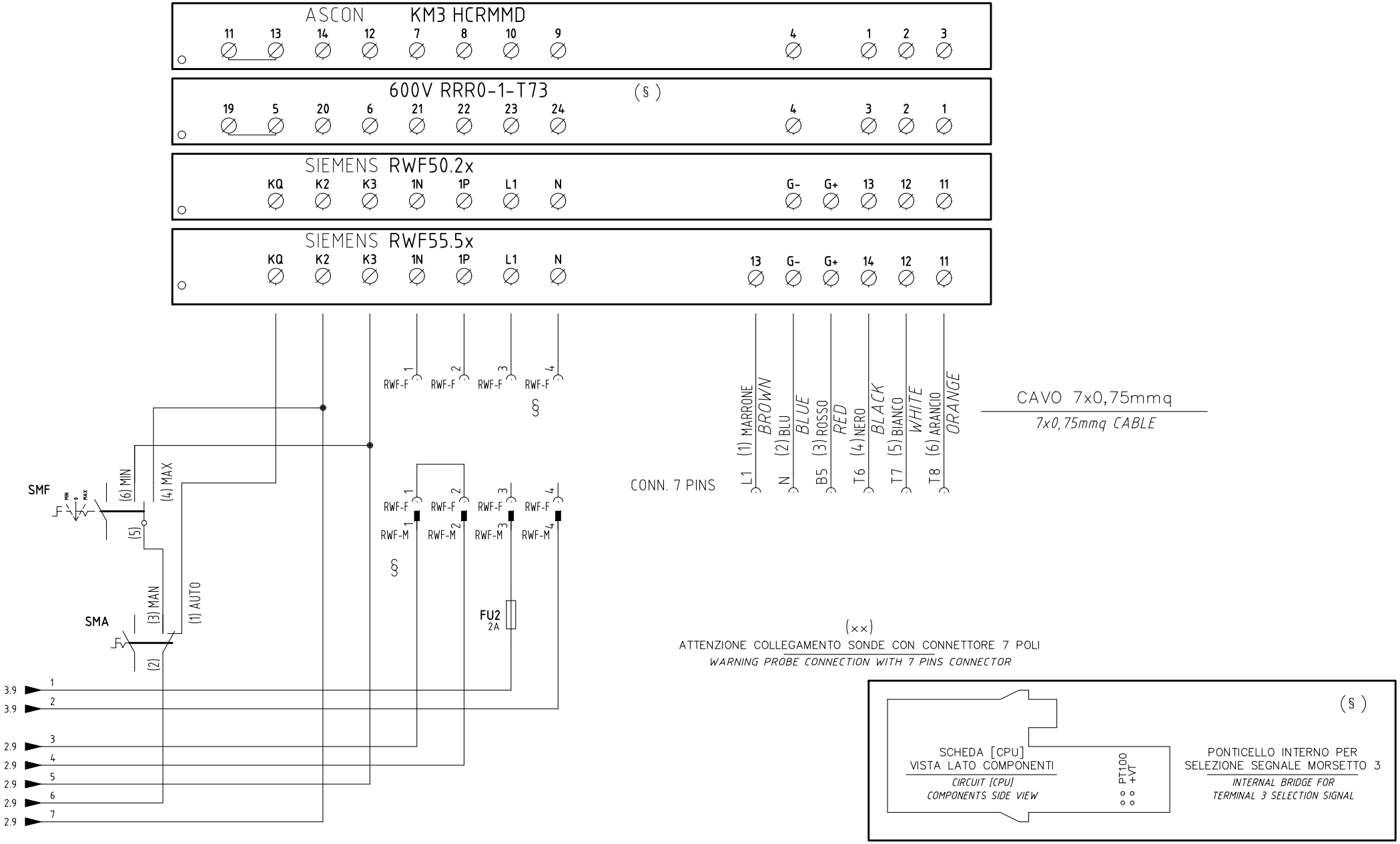


(°)

SONDA "UV" IN ALTERNATIVA A ELETTRODO "ER"

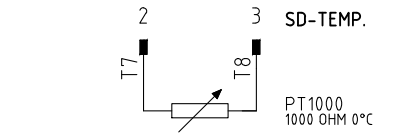
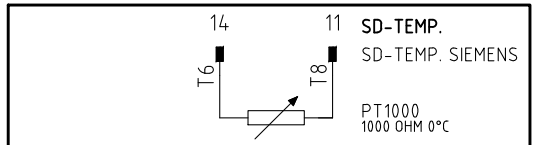
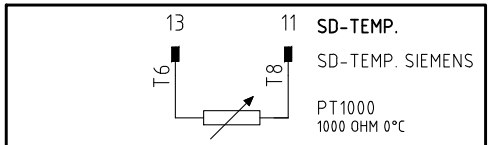
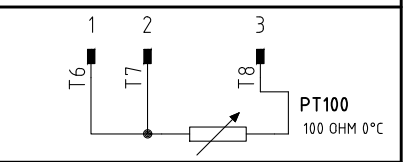
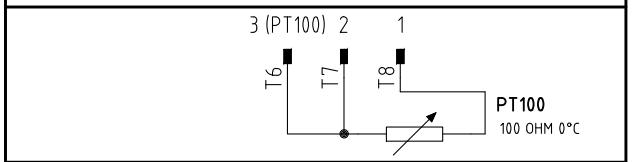
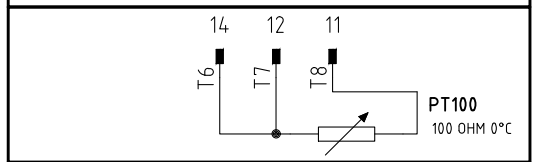
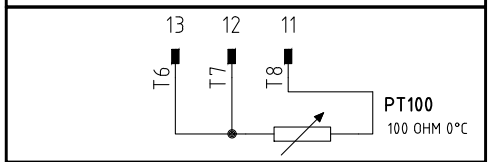
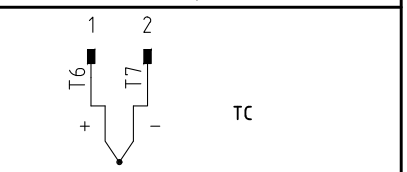
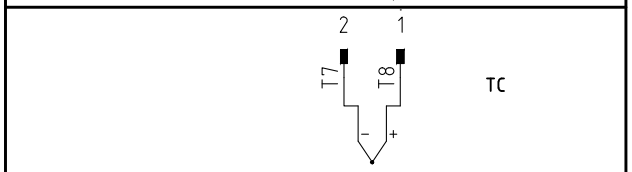
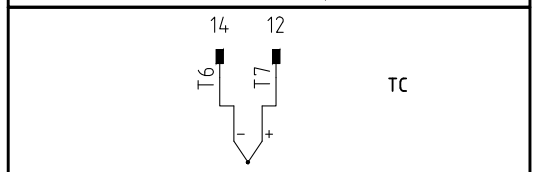
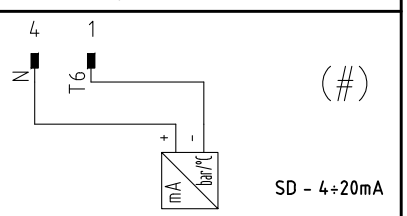
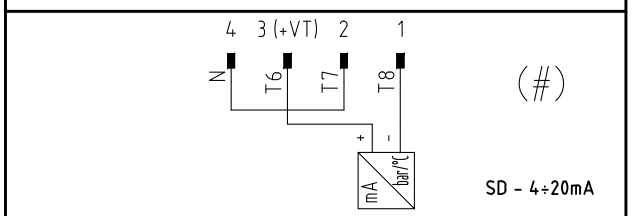
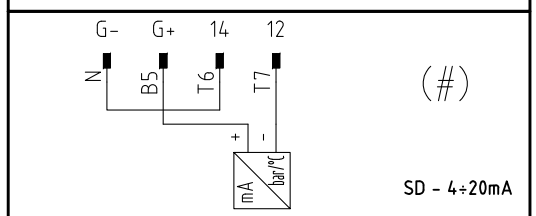
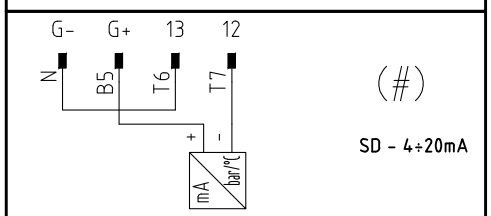
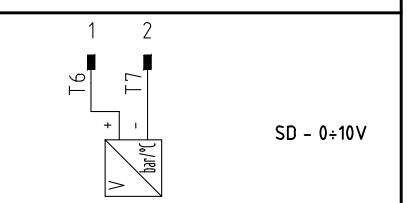
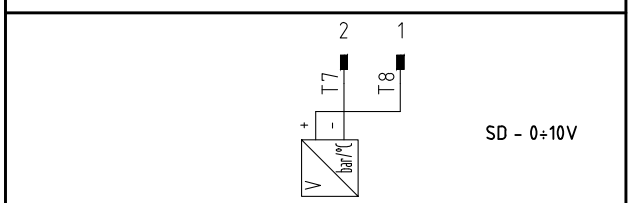
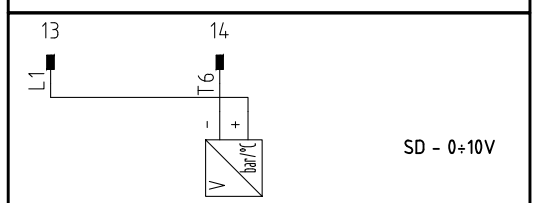
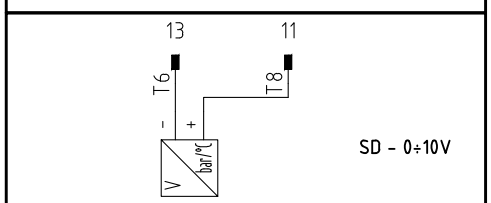
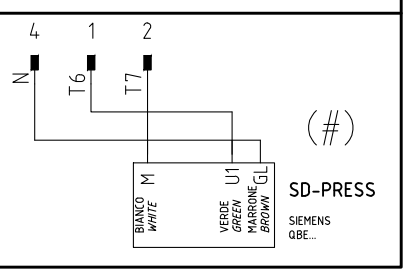
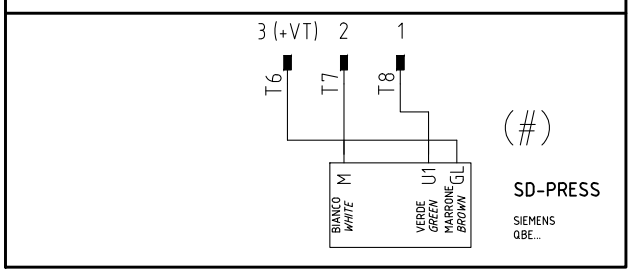
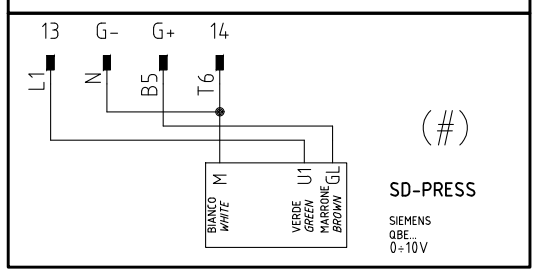
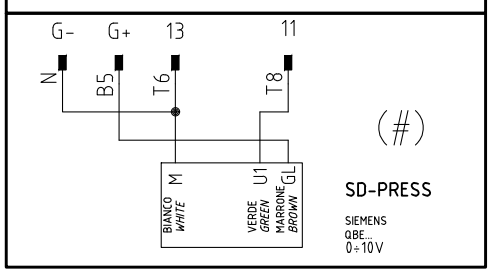
"UV" PROBE ALTERNATIVE TO "ER"

Data 16/06/2014		PREC.	FOGLIO
Revisione 02		3	4
Dis. N. 05 – 1045 A		SEGUE	TOTALE
		5	11



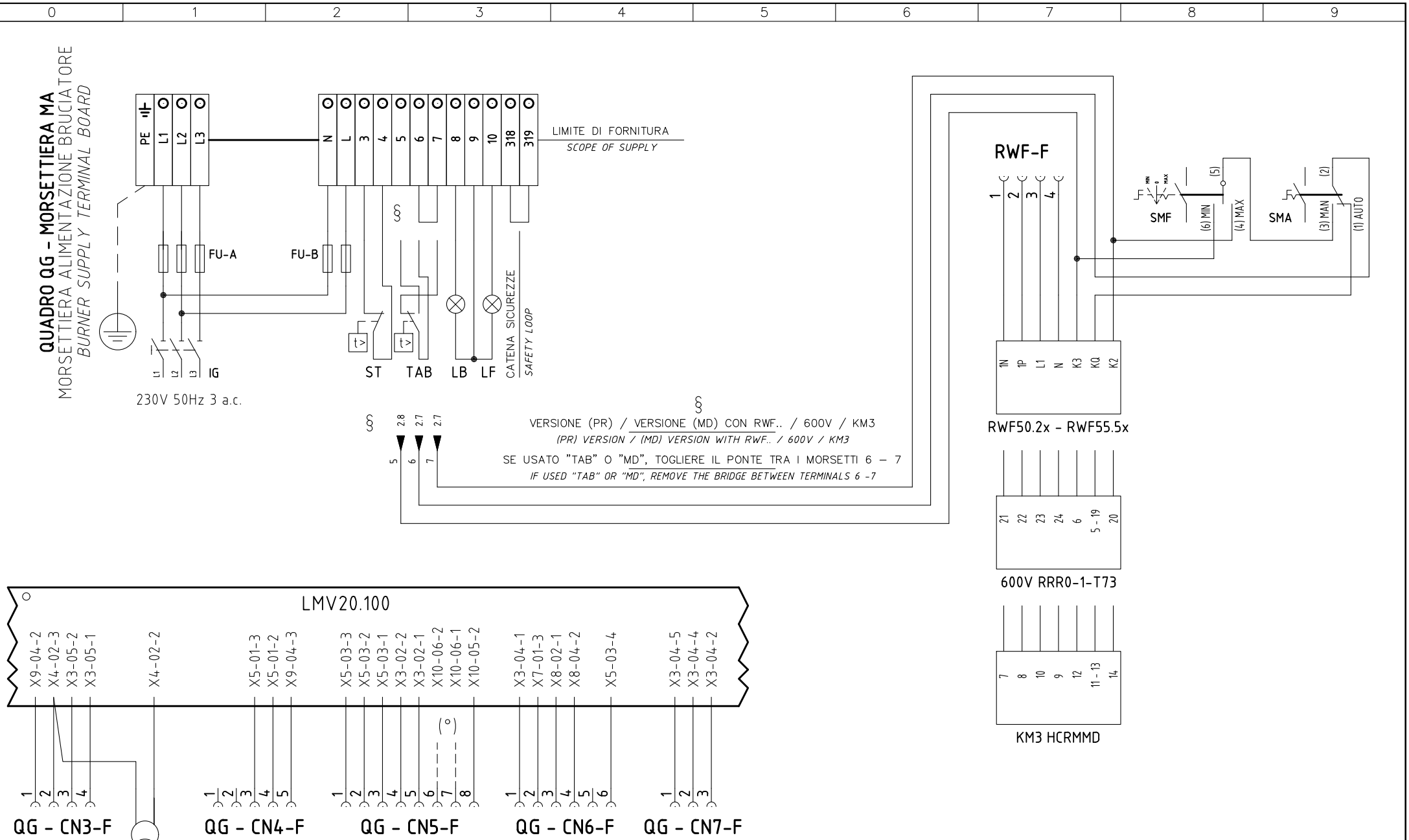
Data	16/06/2014	PREC.	FOGLIO
Revisione	02	4	5
Dis. N.	05 – 1045 A	SEGUE	TOTALE
		6	11

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

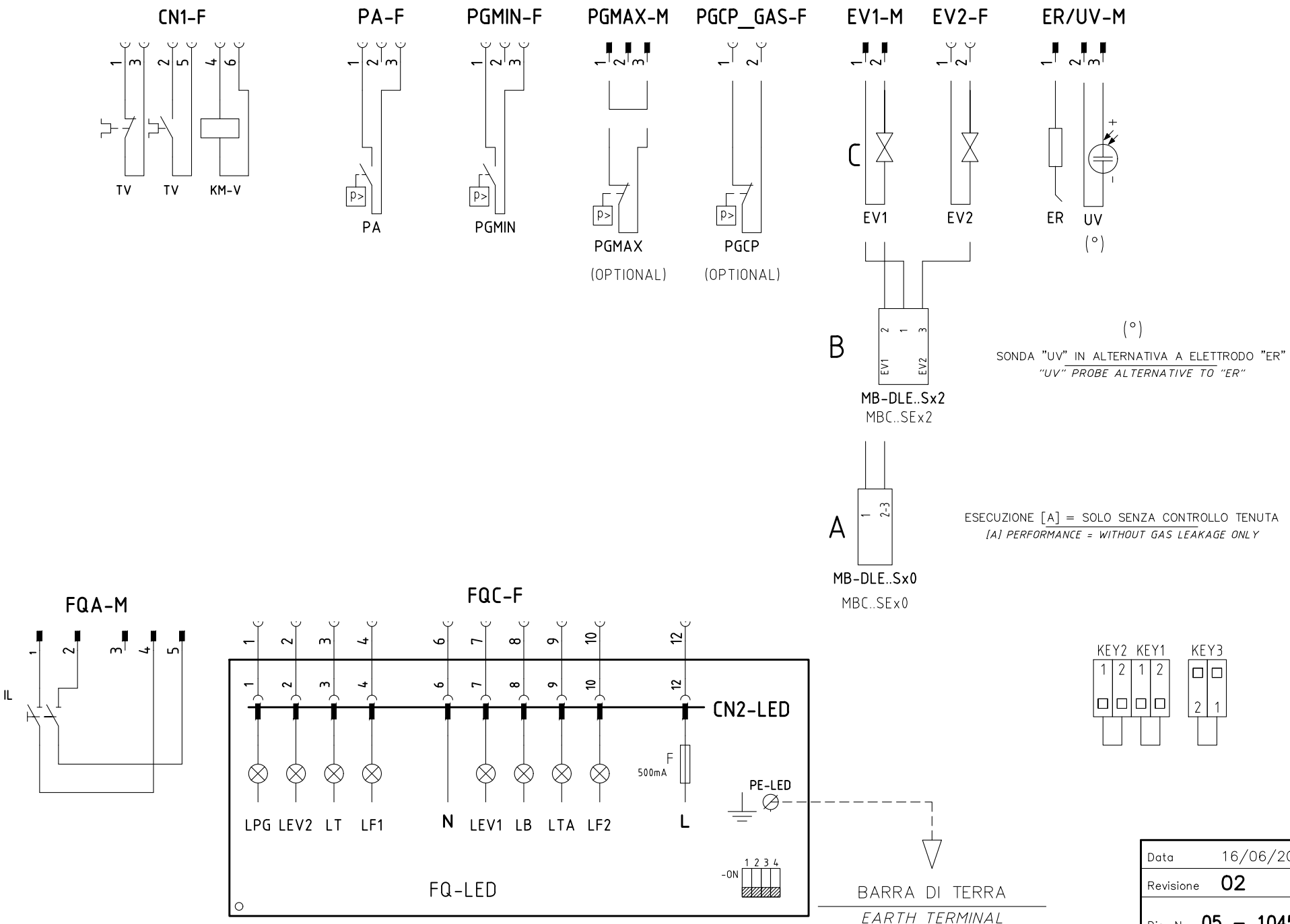
KM3 HCRMMD	600V RRR0-1-T73	RWF55.5x	RWF50.2x
 SD-TEMP. PT1000 1000 OHM 0°C	(§) 3 = PT100 / 3 = +VT — PONTICELLO INTERNO PER SELEZIONE SEGNALE MORSETTO 3 / *INTERNAL BRIDGE FOR TERMINAL 3 SELECTION SIGNAL*	 SD-TEMP. SD-TEMP. SIEMENS PT1000 1000 OHM 0°C	 SD-TEMP. SD-TEMP. SIEMENS PT1000 1000 OHM 0°C
 PT100 100 OHM 0°C	 PT100 100 OHM 0°C	 PT100 100 OHM 0°C	 PT100 100 OHM 0°C
 TC	 TC	 TC	
 (#) SD - 4÷20mA	 (#) SD - 4÷20mA	 (#) SD - 4÷20mA	 (#) SD - 4÷20mA
 SD - 0÷10V	 SD - 0÷10V	 SD - 0÷10V	 SD - 0÷10V
 (#) SD-PRESS SIEMENS QBE...	 (#) SD-PRESS SIEMENS QBE...	 (#) SD-PRESS SIEMENS QBE... 0÷10V	 (#) SD-PRESS SIEMENS QBE... 0÷10V

(#)
COLLEGAMENTO SOLO PER TRASDUTTORI PASSIVI
TRASDUCER PASSIVE CONNECTION ONLY

Data 16/06/2014	PREC. 5	FOGLIO 6
Revisione 02		
Dis. N. 05 – 1045 A	SEGUE 7	TOTALE 11



Data	16/06/2014	PREC.	FOGLIO
Revisione	02	6	7
Dis. N.	05 – 1045 A	SEGUE 8	TOTALE 11



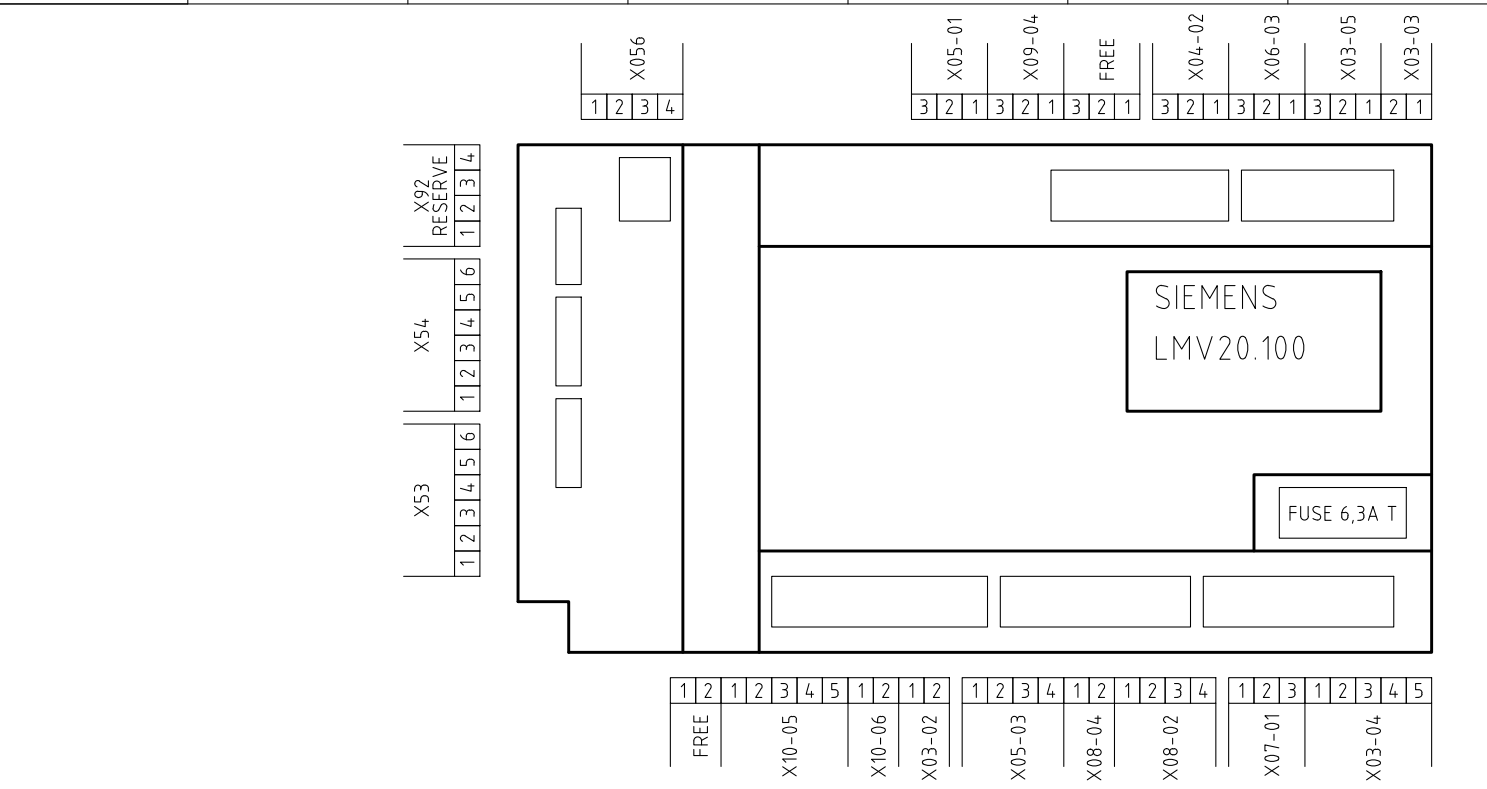
Data	16/06/2014	PREC.	FOGLIO
Revisione	02	7	8
Dis. N.	05 – 1045 A	SEGUE	TOTALE
		9	11

0	1	2	3	4	5	6	7	8	9

Sigla/Item	Foglio/Sheet	Funzione	Function
600V RRR0-1-T73	5	REGOLATORE MODULANTE (ALTERNATIVO)	BURNER MODULATOR (ALTERNATIVE)
AZL2x..	4	INTERFACCIA UTENTE	USER INTERFACE
ER	4	ELETTRODO RILEVAZIONE FIAMMA	FLAME DETECTION ELECTRODE
EV1	3	ELETTROVALVOLA GAS LATO RETE	UPSTREAM GAS SOLENOID VALVE
EV2	3	ELETTROVALVOLA GAS LATO BRUCIATORE	DOWNSTREAM GAS SOLENOID VALVE
EVS	3	ELETTROVALVOLA GAS DI SICUREZZA (OPTIONAL)	SAFETY GAS SOLENOID VALVE (OPTIONAL)
FQ-LED	8	PANNELLO FRONTALE (LED)	FRONT PANEL (LED)
FU1	1	FUSIBILE AUSILIARIO	AUXILIARY FUSE
FU2	5	FUSIBILE	FUSE
FU-A	1	FUSIBILI DI LINEA	LINE FUSES
FU-B	1	FUSIBILE DI LINEA	LINE FUSE
IG	1	INTERRUTTORE GENERALE	MAINS SWITCH
IL	1	INTERRUTTORE LINEA AUSILIARI	AUXILIARY LINE SWITCH
KM3 HCRMMD	5	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	3	LAMPADA SEGNALAZIONE APERTURA [EV1]	INDICATOR LIGHT FOR OPENING OF ELECTRO-VALVE [EV1]
LEV2	3	LAMPADA SEGNALAZIONE APERTURA [EV2]	INDICATOR LIGHT FOR OPENING OF ELECTRO-VALVE [EV2]
LF1	3	LAMPADA SEGNALAZIONE FUNZIONAMENTO BRUCIATORE	INDICATOR LIGHT BURNER OPERATION
LF2	3	LAMPADA SEGNALAZIONE FUNZIONAMENTO BRUCIATORE	INDICATOR LIGHT BURNER OPERATION
LMV20.100	1	APPARECCHIATURA DI COMANDO	CONTROL SCHEME
LPG	2	LAMPADA SEGNALAZIONE PRESENZA GAS IN RETE	INDICATOR LIGHT FOR PRESENCE OF GAS IN THE NETWORK
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	3	GRUPPO VALVOLE GAS	GAS VALVES GROUP
MB-DLE..Sx2	3	GRUPPO VALVOLE GAS	GAS VALVES GROUP
MBC..SEx0	3	GRUPPO VALVOLE GAS (ALTERNATIVO)	GAS VALVES GROUP (ALTERNATIVE)
MBC..SEx2	3	GRUPPO VALVOLE GAS (ALTERNATIVO)	GAS VALVES GROUP (ALTERNATIVE)
MV	1	MOTORE VENTILATORE	FAN MOTOR
PA	1	PRESSOSTATO ARIA	AIR PRESSURE SWITCH
PGCP_GAS	3	PRESSOSTATO GAS CONTROLLO PERDITE (OPTIONAL)	GAS LEAKAGE PRESSURE SWITCH (OPTIONAL)
PGMAX	4	PRESSOSTATO GAS DI MASSIMA PRESSIONE (OPTIONAL)	MAXIMUM PRESSURE GAS SWITCH (OPTIONAL)

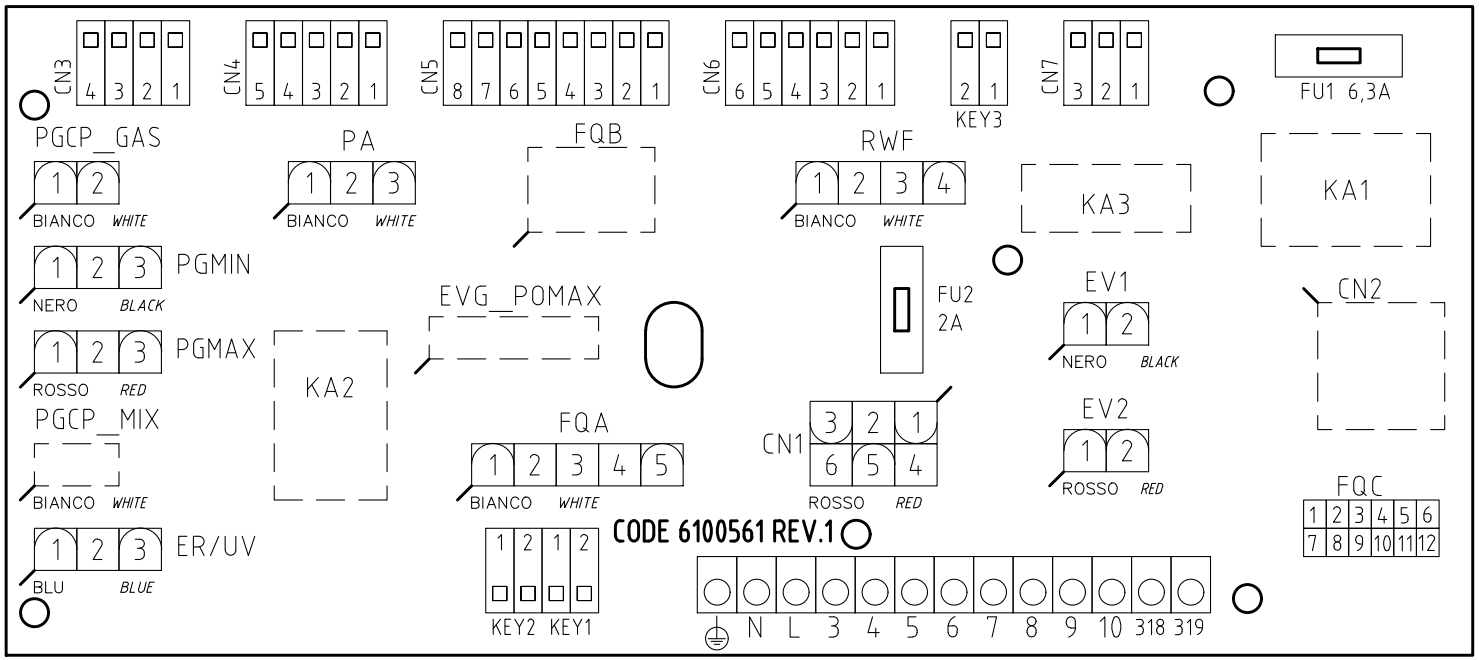
0	1	2	3	4	5	6	7	8	9

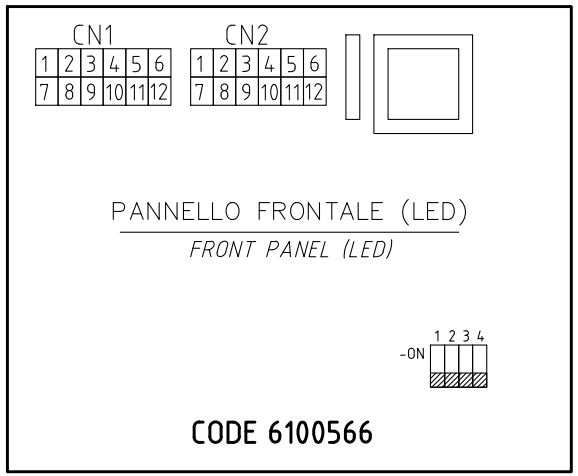
Sigla/Item	Foglio/Sheet	Funzione	Function
PGMIN	2	PRESSOSTATO GAS DI MINIMA PRESSIONE	MINIMUM GAS PRESSURE SWITCH
PT100	6	SONDA DI TEMPERATURA	TEMPERATURE PROBE
RWF50.2x	5	REGOLATORE MODULANTE	BURNER MODULATOR
RWF55.5x	5	REGOLATORE MODULANTE (ALTERNATIVO)	BURNER MODULATOR (ALTERNATIVE)
SD-PRESS	6	SONDA DI PRESSIONE	PRESSURE PROBE
SD-TEMP.	6	SONDA DI TEMPERATURA	TEMPERATURE PROBE
SD - 0÷10V	6	TRASDUTTORE USCITA IN TENSIONE	TRANSDUCER VOLTAGE OUTPUT
SD - 4÷20mA	6	TRASDUTTORE USCITA IN CORRENTE	TRANSDUCER CURRENT OUTPUT
SMA	5	SELETTORE MANUALE/AUTOMATICO	MANUAL/AUTOMATIC SWITCH
SMF	5	SELETTORE MANUALE FUNZIONAMENTO MIN-0-MAX	MIN-0-MAX MANUAL OPERATION SWITCH
SQN1../SQM3.. AIR	4	SERVOCOMANDO SERRANDA ARIA	AIR DAMPER ACTUATOR
SQN1../SQM3.. FUEL	4	SERVOCOMANDO COMBUSTIBILE	FUEL ACTUATOR
ST	2	SERIE TERMOSTATI/PRESSOSTATI	SERIES OF THERMOSTATS OR PRESSURE SWITCHES
TA	2	TRASFORMATORE DI ACCENSIONE	IGNITION TRANSFORMER
TAB	2	TERMOSTATO/PRESSOSTATO ALTA-BASSA FIAMMA	HIGH-LOW THERMOSTAT/PRESSURE SWITCHES
TC	6	TERMOCOPPIA	THERMOCOUPLE
TV	1	TERMICO MOTORE VENTILATORE	FAN MOTOR THERMAL
UV	4	SONDA UV RILEVAZIONE FIAMMA	UV FLAME DETECTOR



VISTA LATO COMPONENTI

COMPONENTS SIDE VIEW





Data 16/06/2014		PREC.	FOGLIO
Revisione 02		10	11
Dis. N. 05 – 1045 A		SEGUE	TOTALE
		/	11