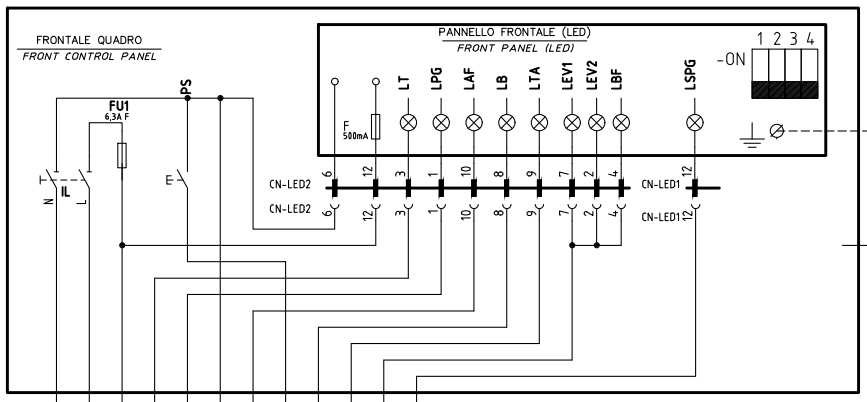
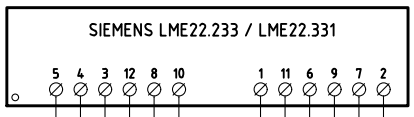
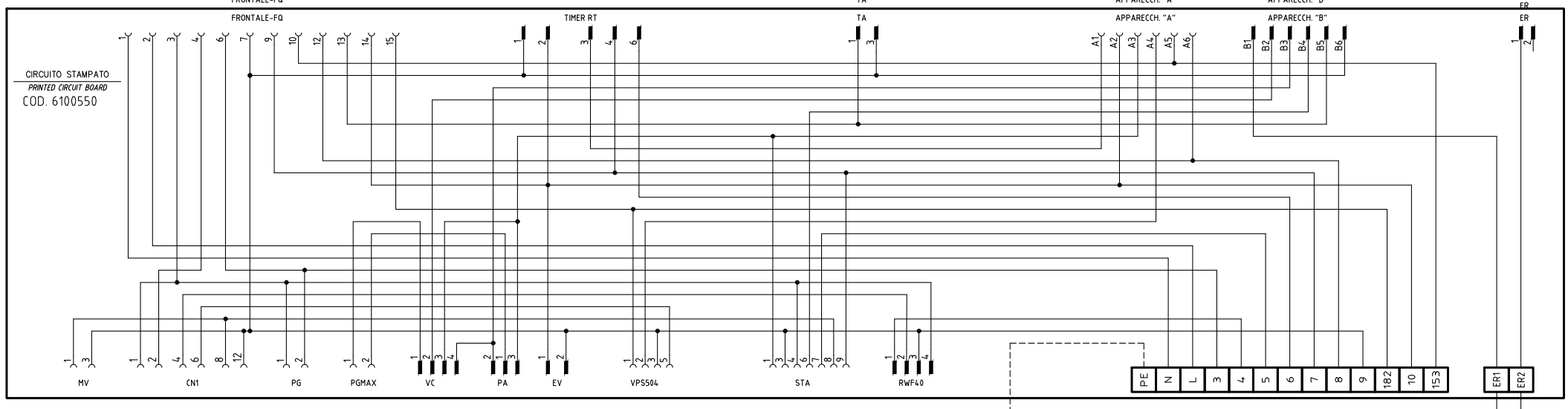
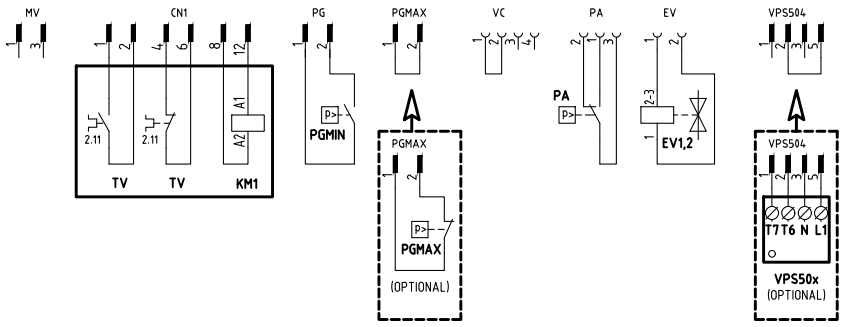
VERSIONE ALTA-BASSA FIAMMA "AB" / PROGRESSIVO "PR"
"AB" HIGH-LOW / "PR" PROGRESSIVE VERSION

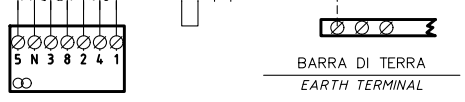


(×) AB = LME22.331 + SQN72.2A4A20
PR = LME22.233 + SQN72.6A4A20

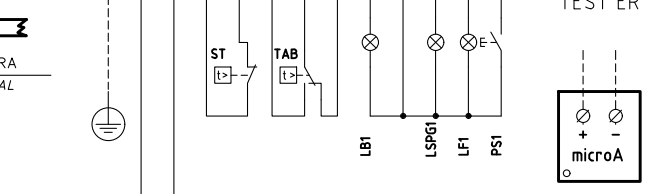


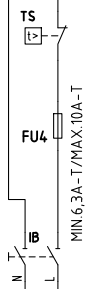






SIEMENS SQN72.2A4A20 (AB)
SIEMENS SQN72.6A4A20 (PR-MD)

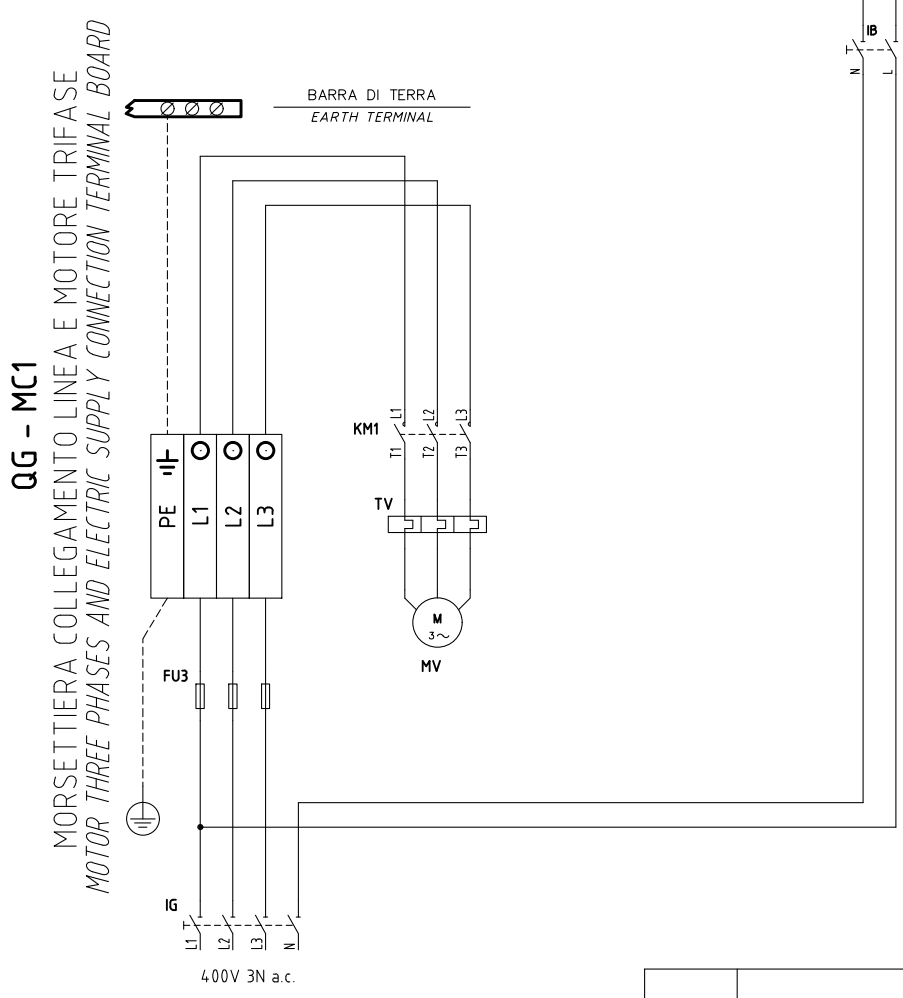




SERVOCOMANDO SERRANDA ARIA
AIR DAMPER ACTUATOR

SIEMENS SQN72.2A4A20 (AB) / SQN72.6A4A20 (PR-MD)

I (ROSSO) *I (RED)*	ALTA FIAMMA *HIGH FLAME*
II (BLU) *II (BLUE)*	SOSTA *STAND-BY*
III (ARANCIO) *III (ORANGE)*	BASSA FIAMMA *LOW FLAME*
IV (NERO) *IV (BLACK)*	NON USATA *NOT USED*



01	ADDED EARTH WIRE ON LED CIRCUIT	12/02/15	U. PINTON
REV.	MODIFICA	DATA	FIRME

UNIGAS

Impianto: *TIPI/TYPES R63/÷/R75A / RX63/÷/ RX75 MODELLO x–.AB(PR)(MD).x.xx.A.xx*	Ordine		Data 16/04/2014	PREC. /	FOGLIO 1
	Commessa	Data Controllato 12/02/2015	Revisione 01		
Descrizione: *VERSIONE CON LME22.. + PANNELLO LED VERSION WITH LME22.. + LED PANEL*	Esecutore U. PINTON	Controllato G. SCATTOLIN	Dis. N. 18 – 0268	SEGUE 2	TOTALE 4

VERSIONE MODULANTE "MD"
"MD" MODULATING VERSION

FRONTALE QUADRO
FRONT CONTROL PANEL

PANNELLO FRONTALE (LED)
FRONT PANEL (LED)

LT LPG LAF LB LTA LEV1 LEV2 LBF LSPG

1 2 3 4 -ON

FU1 6,3A F

PS

IL

E

CN-LED2 CN-LED2 CN-LED1 CN-LED1

BARRA DI TERRA
EARTH TERMINAL

SIEMENS LME22.233

5 4 3 12 8 10 1 11 6 9 7 2

A1 A2 A3 A4 A5 A6 — APPARECCH. "A"

B1 B2 B3 B4 B5 B6 — APPARECCH. "B"

TA

ER

1 2 3 4 6 7 9 10 12 13 14 15 — FRONTALE-FQ

1 2 3 4 6 — TIMER RT

1 3 — TA

1 2 — ER

CIRCUITO STAMPATO
PRINTED CIRCUIT BOARD
COD. 6100550

MV CN1 PG PGMAX VC PA EV VPS504 STA RWF40

TV TV KM1

PGMIN

PGMAX (OPTIONAL)

EV1,2

T7 T6 N L1 VPS50x (OPTIONAL)

5 N 3 8 2 4 1 — SIEMENS SQN72.6A4A20 (PR-MD)

FU2 2A-F

BARRA DI TERRA
EARTH TERMINAL

PE N L 3 4 5 6 7 8 9 18 2 10 15 3

ST

LB1 LSPG1 LF1 PS1

microA

ER1 ER2 — TEST ER

ASCON KM3 HCRMMD
4 1 2 3 7 8 10 9 11-13 12 14

600V RRR0-1-T73 (§)
4 3 2 1 21 22 23 24 19-5 6 20

SIEMENS RWF50.2x
G- G+ 13 12 11 1N 1P L1 N KQ K3 K2

SIEMENS RWF55.5x
13 G- G+ 14 12 11 1N 1P L1 N KQ K3 K2

TS

FU4 MIN.6,3A-T/MAX.10A-T

IB

SMA (2) (3) MAN (1) AUTO

SMF (5) (6) MIN (4) MAX

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

CONN. SONDE

L1	(1) MARRONE	*BROWN*
N	(2) BLU	*BLUE*
B5	(3) ROSSO	*RED*
T6	(4) NERO	*BLACK*
T7	(5) BIANCO	*WHITE*
T8	(6) ARANCIO	*ORANGE*

(××)
COLLEGAMENTO SONDE
PROBE CONNECTION

QG - MC1
MORSETTIERA COLLEGAMENTO LINEA E MOTORE TRIFASE
MOTOR THREE PHASES AND ELECTRIC SUPPLY CONNECTION TERMINAL BOARD

BARRA DI TERRA
EARTH TERMINAL

PE L1 L2 L3

KM1 L1 L2 L3 T1 T2 T3

TV

M 3~ MV

FU3

IG L1 L2 L3 N

400V 3N a.c.

SERVOCOMANDO SERRANDA ARIA
AIR DAMPER ACTUATOR

SIEMENS SQN72.2A4A20 (AB) / SQN72.6A4A20 (PR-MD)

I (ROSSO) *I (RED)*	ALTA FIAMMA *HIGH FLAME*
II (BLU) *II (BLUE)*	SOSTA *STAND-BY*
III (ARANCIO) *III (ORANGE)*	BASSA FIAMMA *LOW FLAME*
IV (NERO) *IV (BLACK)*	NON USATA *NOT USED*

(§)
SCHEDA [CPU] VISTA LATO COMPONENTI
CIRCUIT [CPU] COMPONENTS SIDE VIEW
PT100 +V1
PONTICELLO INTERNO PER SELEZIONE SEGNALE MORSETTO 3
INTERNAL BRIDGE FOR TERMINAL 3 SELECTION SIGNAL

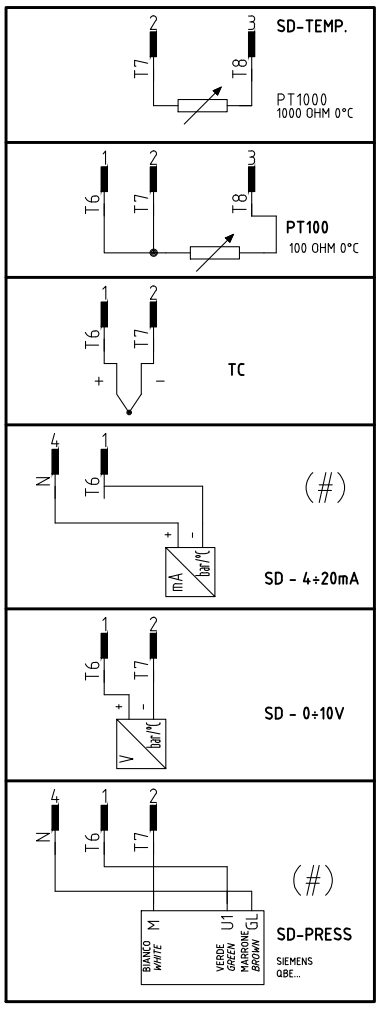
Data 16/04/2014		PREC. 1	FOGLIO 2
Revisione 01			
Dis. N. 18 – 0268		SEGUE 3	TOTALE 4

(××)

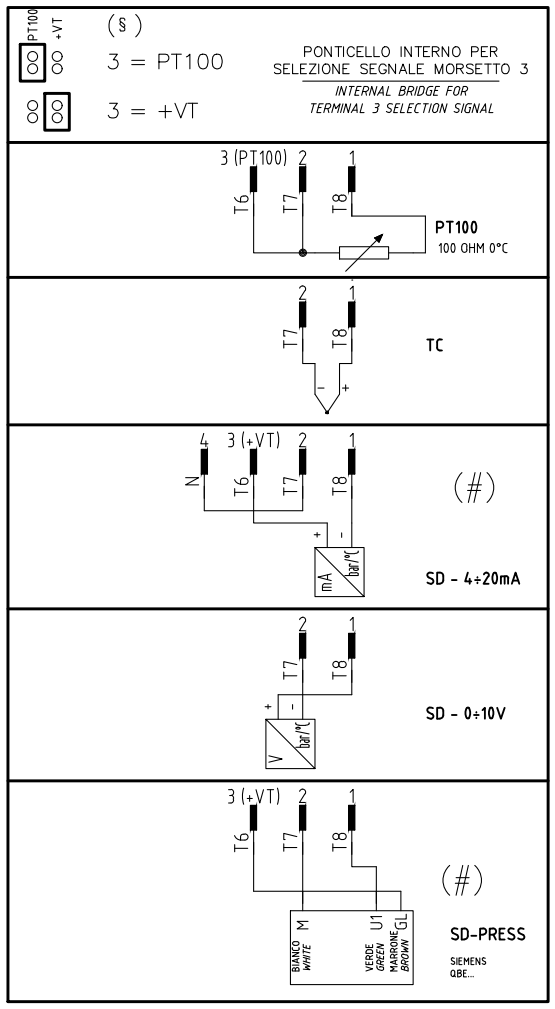
ATTENZIONE COLLEGAMENTO SONDE CON CONNETTORE 7 POLI

WARNING PROBE CONNECTION WITH 7 PINS CONNECTOR

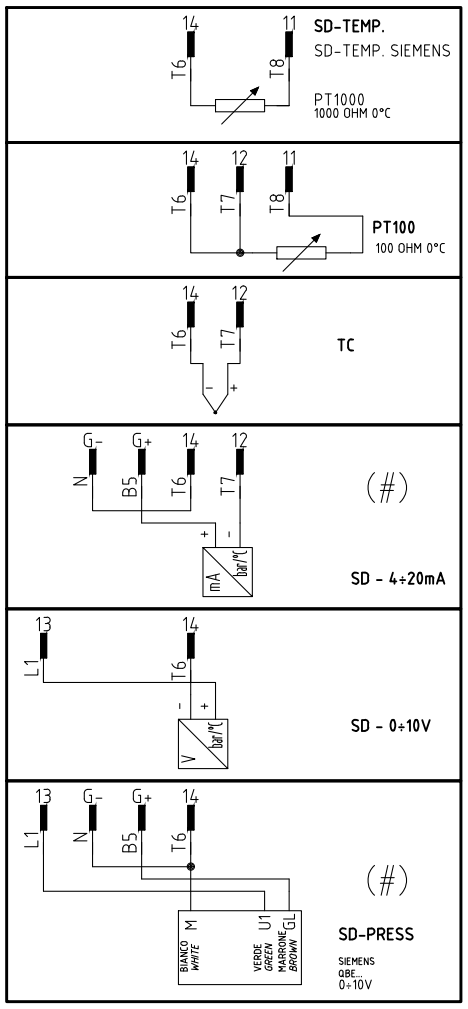
KM3 HCRMMD



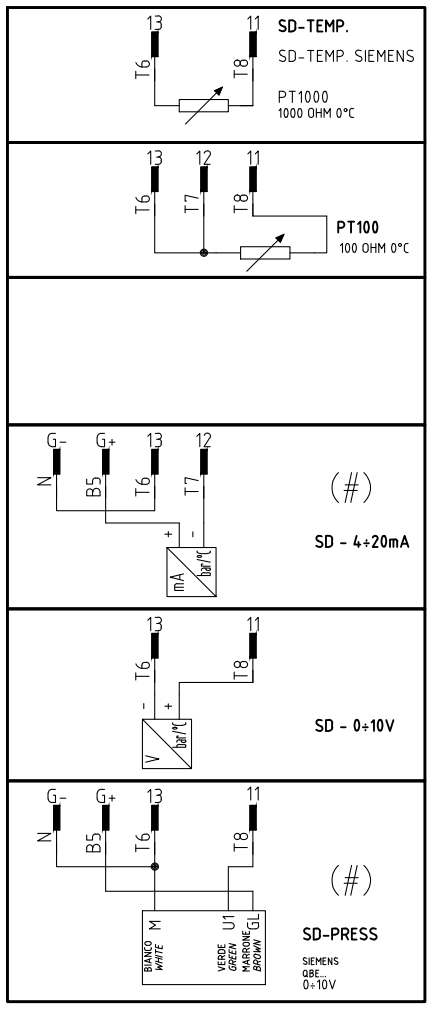
600V RRR0-1-T73



RWF55.5x

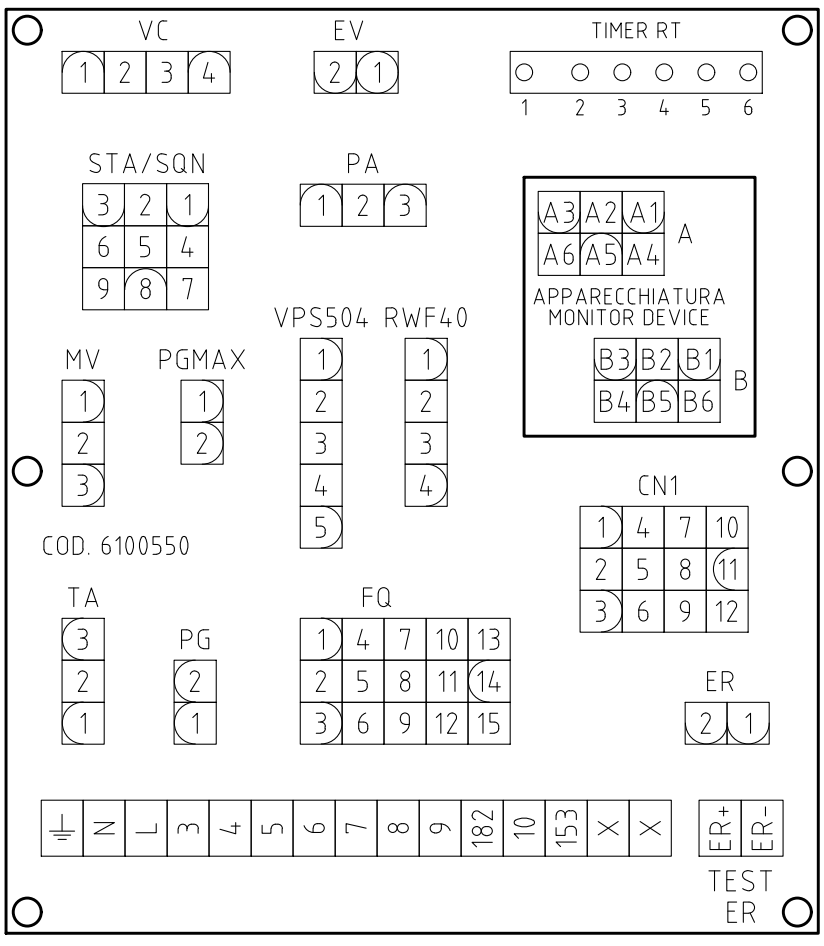


RWF50.2x



(#)
COLLEGAMENTO SOLO PER TRASDUTTORI PASSIVI

TRASDUCER PASSIVE CONNECTION ONLY



Data 16/04/2014		PREC. 2	FOGLIO 3
Revisione 01			
Dis. N. 18 – 0268		SEGUE 4	TOTALE 4

Sigla/Item	Funzione	Function
600V RRR0-1-T73	REGOLATORE MODULANTE (ALTERNATIVO)	BURNER MODULATOR (ALTERNATIVE)
ER	ELETTRODO RILEVAZIONE FIAMMA	FLAME DETECTION ELECTRODE
EV1,2	ELETTROVALVOLE GAS (O GRUPPO VALVOLE)	GAS ELECTRO-VALVES (OR VALVES GROUP)
FU1	FUSIBILE DI LINEA	LINE FUSE
FU2	FUSIBILE AUSILIARIO	AUXILIARY FUSE
FU3	FUSIBILI LINEA MOTORE VENTILATORE	FAN MOTOR LINE FUSES
FU4	FUSIBILE DI LINEA	LINE FUSE
IB	INTERRUTTORE LINEA BRUCIATORE	BURNER LINE SWITCH
IG	INTERRUTTORE GENERALE	MAINS SWITCH
IL	INTERRUTTORE LINEA AUSILIARI	AUXILIARY LINE SWITCH
KM1	CONTATTORE MOTORE VENTILATORE	FAN MOTOR CONTACTOR
KM3 HCRMMD	REGOLATORE MODULANTE (ALTERNATIVO)	BURNER MODULATOR (ALTERNATIVE)
LAF	LAMPADA SEGNALAZIONE ALTA FIAMMA BRUCIATORE	BURNER IN HIGH FLAME INDICATOR LIGHT
LB	LAMPADA SEGNALAZIONE BLOCCO BRUCIATORE	INDICATOR LIGHT FOR BURNER LOCK-OUT
LB1	LAMPADA SEGNALAZIONE BLOCCO BRUCIATORE	INDICATOR LIGHT FOR BURNER LOCK-OUT
LBF	LAMPADA SEGNALAZIONE BASSA FIAMMA BRUCIATORE	BURNER IN LOW FLAME INDICATOR LIGHT
LEV1	LAMPADA SEGNALAZIONE APERTURA [EV1]	INDICATOR LIGHT FOR OPENING OF ELECTRO-VALVE [EV1]
LEV2	LAMPADA SEGNALAZIONE APERTURA [EV2]	INDICATOR LIGHT FOR OPENING OF ELECTRO-VALVE [EV2]
LF1	LAMPADA SEGNALAZIONE FUNZIONAMENTO BRUCIATORE	INDICATOR LIGHT BURNER OPERATION
LPG	LAMPADA SEGNALAZIONE PRESENZA GAS IN RETE	INDICATOR LIGHT FOR PRESENCE OF GAS IN THE NETWORK
LSPG	LAMPADA SEGNALAZIONE BLOCCO CONTROLLO TENUTA VALVOLE	INDICATOR LIGHT FOR LEAKAGE OF VALVES
LSPG1	LAMPADA SEGNALAZIONE BLOCCO CONTROLLO TENUTA VALVOLE	INDICATOR LIGHT FOR LEAKAGE OF VALVES
LT	LAMPADA SEGNALAZIONE BLOCCO TERMICO	INDICATOR LIGHT FOR MOTOR OVERLOAD THERMAL CUTOUT
LTA	LAMPADA SEGNALAZIONE TRASFORMATORE DI ACCENSIONE	IGNITION TRANSFORMER INDICATOR LIGHT
MV	MOTORE VENTILATORE	FAN MOTOR
PA	PRESSOSTATO ARIA	AIR PRESSURE SWITCH
PGMAX	PRESSOSTATO GAS DI MASSIMA PRESSIONE	MAXIMUM PRESSURE GAS SWITCH
PGMIN	PRESSOSTATO GAS DI MINIMA PRESSIONE	MINIMUM GAS PRESSURE SWITCH
PS	PULSANTE SBLOCCO FIAMMA	FLAME UNLOCK BUTTON
PS1	PULSANTE SBLOCCO FIAMMA	FLAME UNLOCK BUTTON
PT100	SONDA DI TEMPERATURA	TEMPERATURE PROBE
RWF50.2x	REGOLATORE MODULANTE	BURNER MODULATOR
RWF55.5x	REGOLATORE MODULANTE (ALTERNATIVO)	BURNER MODULATOR (ALTERNATIVE)
SD-PRESS	SONDA DI PRESSIONE	PRESSURE PROBE
SD-TEMP.	SONDA DI TEMPERATURA	TEMPERATURE PROBE
SD - 0÷10V	TRASDUTTORE USCITA IN TENSIONE	TRANSDUCER VOLTAGE OUTPUT
SD - 4÷20mA	TRASDUTTORE USCITA IN CORRENTE	TRANSDUCER CURRENT OUTPUT
SIEMENS LME22.233	APPARECCHIATURA CONTROLLO FIAMMA	CONTROL BOX
SIEMENS LME22.233 / LME22.331	APPARECCHIATURA CONTROLLO FIAMMA	CONTROL BOX
SIEMENS SQN72.2A4A20 (AB)	SERVOCOMANDO SERRANDA ARIA	AIR DAMPER ACTUATOR
SIEMENS SQN72.6A4A20 (PR-MD)	SERVOCOMANDO SERRANDA ARIA	AIR DAMPER ACTUATOR
SMA	SELETTORE MANUALE/AUTOMATICO	MANUAL/AUTOMATIC SWITCH
SMF	SELETTORE MANUALE FUNZIONAMENTO MIN-0-MAX	MIN-0-MAX MANUAL OPERATION SWITCH
ST	SERIE TERMOSTATI/PRESSOSTATI	SERIES OF THERMOSTATS OR PRESSURE SWITCHES
TA	TRASFORMATORE DI ACCENSIONE	IGNITION TRANSFORMER
TAB	TERMOSTATO/PRESSOSTATO ALTA-BASSA FIAMMA	HIGH-LOW THERMOSTAT/PRESSURE SWITCHES
TC	TERMOCOPPIA	THERMOCOUPLE
TS	TERMOSTATO/PRESSOSTATO DI SICUREZZA	SAFETY THERMOSTAT OR PRESSURE SWITCH
TV	TERMICO MOTORE VENTILATORE	FAN MOTOR THERMAL
VPS50x	CONTROLLO DI TENUTA VALVOLE GAS (OPTIONAL)	GAS PROVING SYSTEM (OPTIONAL)
microA	MICROAMPEROMETRO	MICROAMMETER

Data 16/04/2014		PREC. 3	FOGLIO 4
Revisione 01			
Dis. N. 18 - 0268		SEGUE 1	TOTALE 4