

02	PRINTED CIRCUIT 6100562 REV. 1 MODIFIED	01/09/14	U. PINTON
01	MODIFIED PCB COD. 6100562	12/02/14	U. PINTON
REV.	MODIFICA	DATA	FIRME



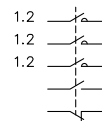
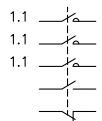
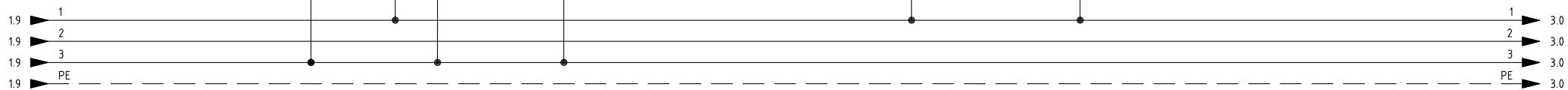
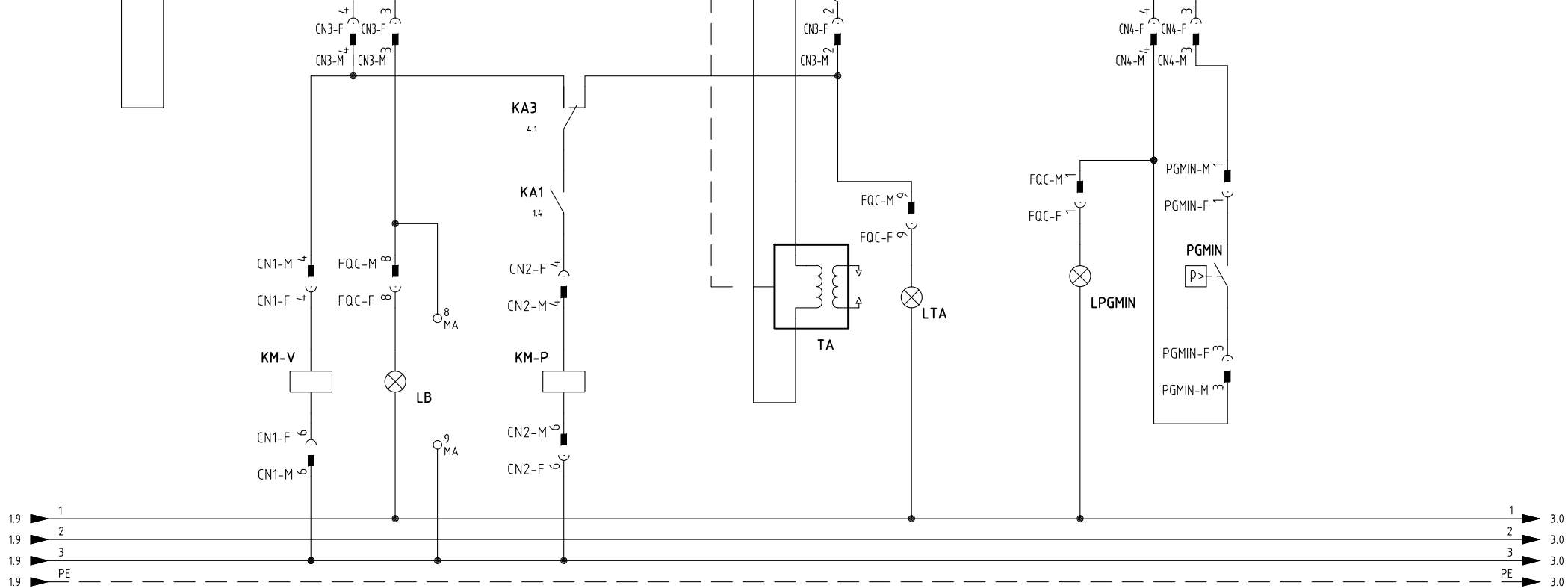
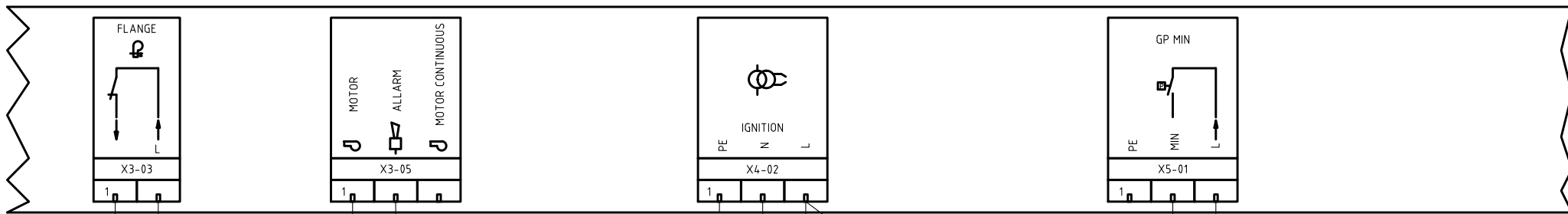
Impianto
 TIPI/TYPES HP60 ÷ HP72 / HR75A ÷ HR520A
 MODELLO/MODEL MG-.PR(MD).x.xx.A.x.xx.EC
 Descrizione
 LMV26 + CIRCUITO STAMPATO COD. 6100562
 LMV26 + PRINTED CIRCUIT COD. 6100562

Ordine
 Commessa
 Esecutore
 U. PINTON

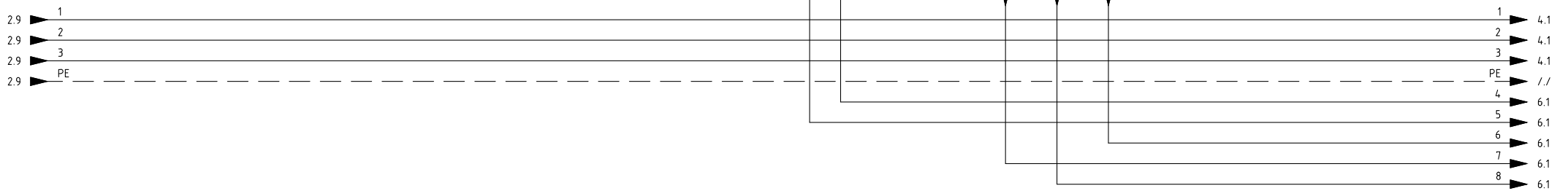
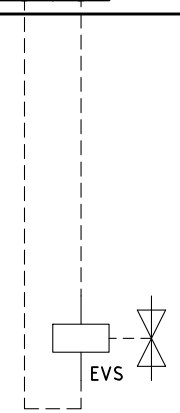
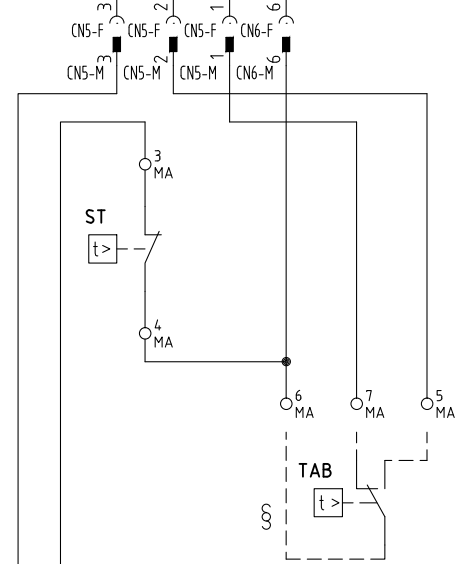
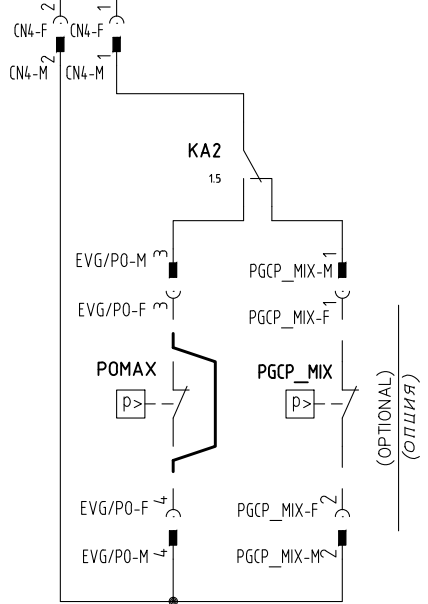
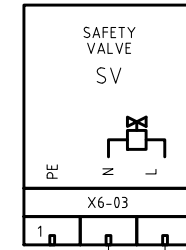
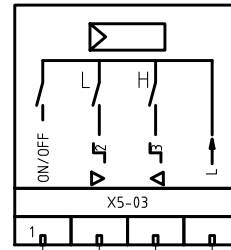
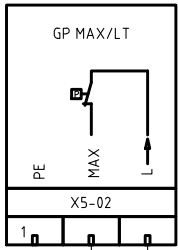
Data Controllato
 01/09/2014
 Controllato
 E. CAVALLI

Data 22/07/2013
 Revisione 02
 Dis. N. 05 - 1005

PREC. /
 FOGLIO 1
 SEQUE 2
 TOTALE 12



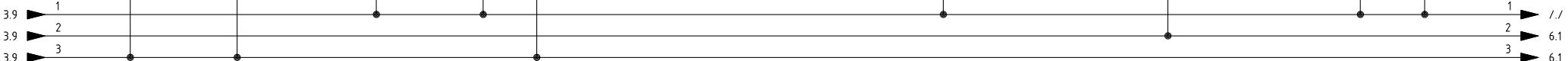
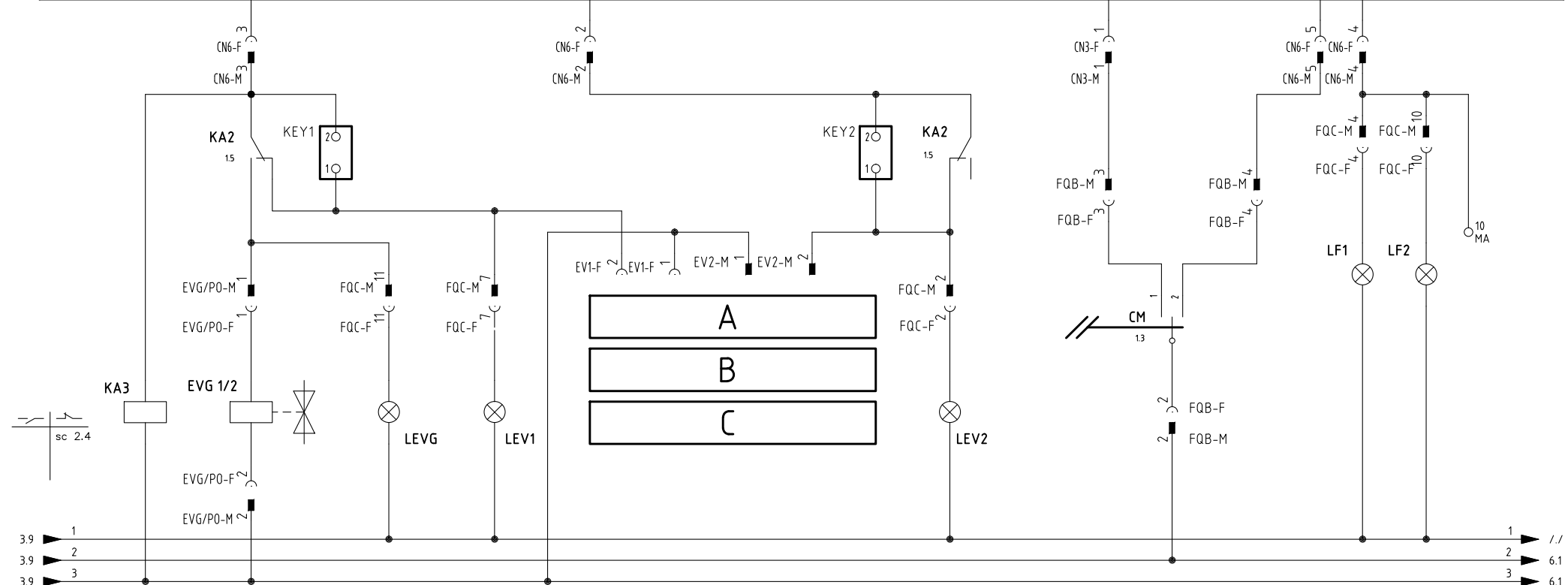
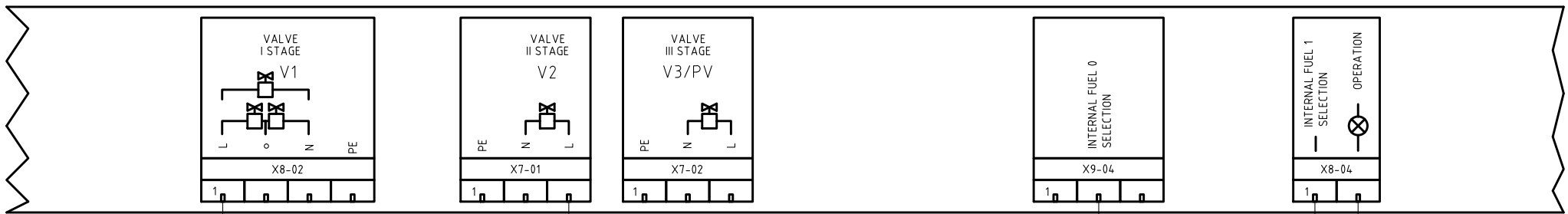
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Revisione	02	1	2
Dis. N.	05 - 1005	SEGUE	TOTALE
		3	12



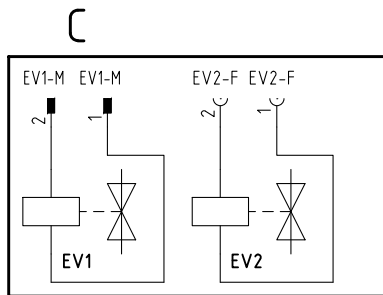
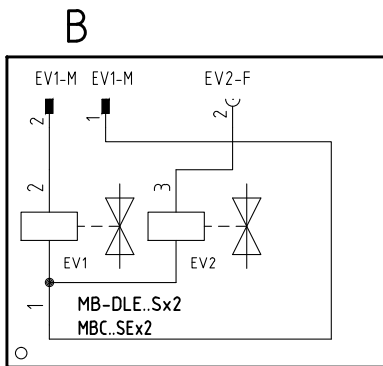
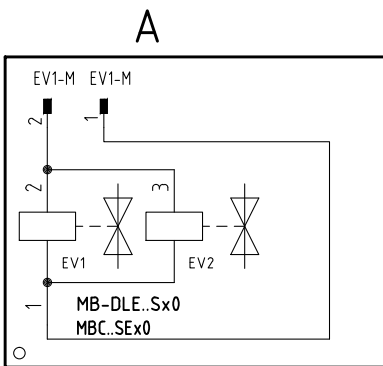
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VERSIONE (PR) / VERSIONE (MD) CON RWF.. / 600V / KM3
 (PR) VERSION / (MD) VERSION WITH RWF.. / 600V / KM3

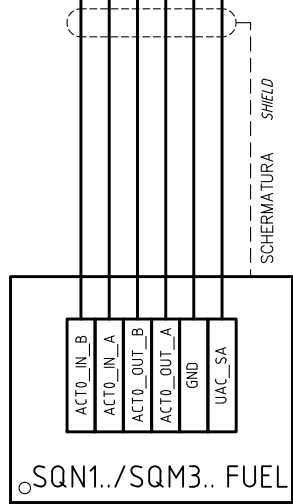
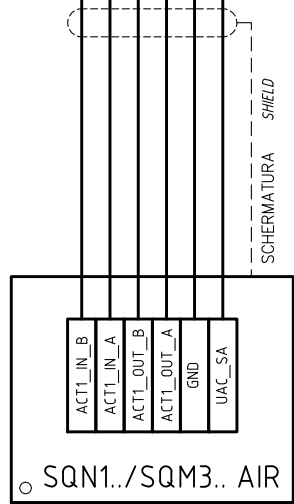
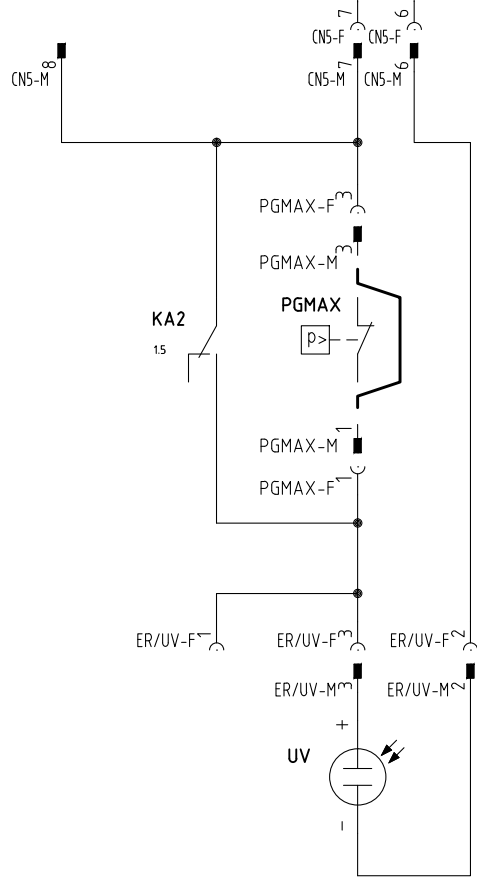
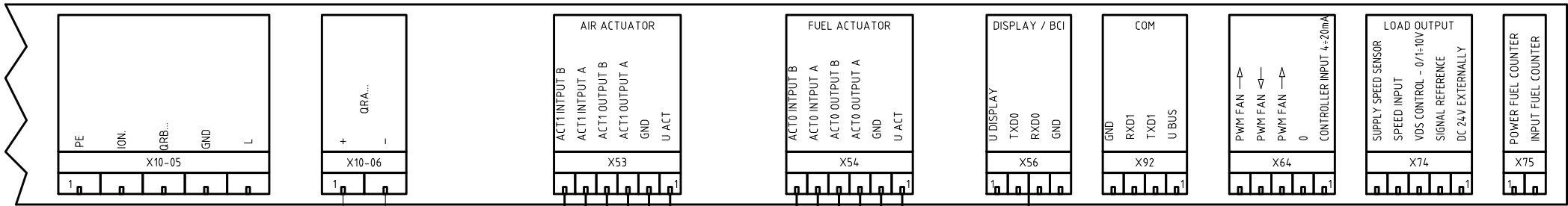
Data	22/07/2013	PREC.	FOGLIO
Revisione	02	2	3
Dis. N.	05 - 1005	SEGUE	TOTALE
		4	12



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

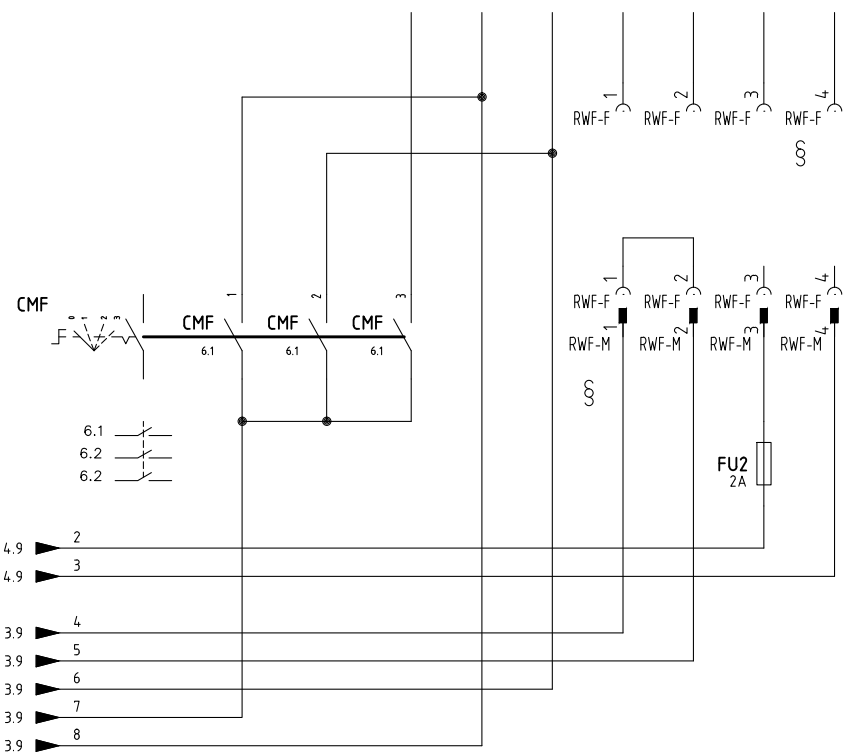
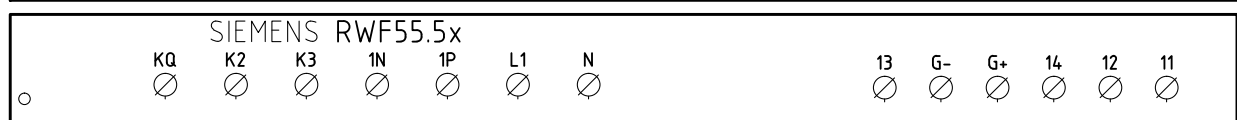
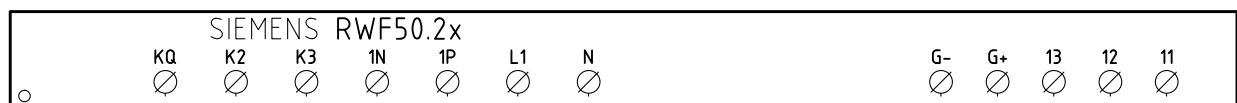
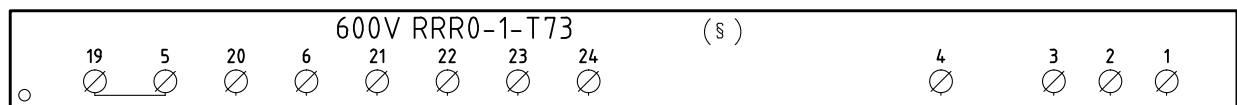
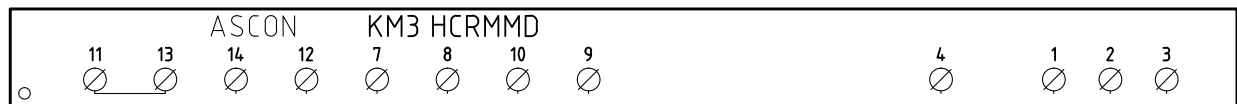


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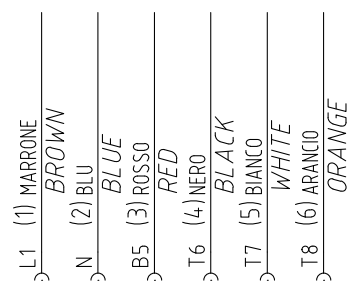


AZL2x..

Data	22/07/2013	PREC.	FOGLIO
Revisione	02	4	5
Dis. N.	05 - 1005	SEGUE	TOTALE
		6	12

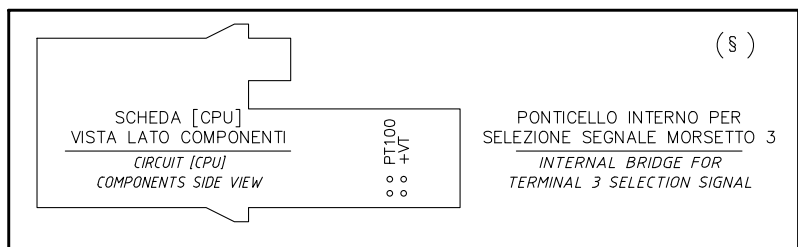


CONN. 7 PINS



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 - 1005	SEGUE	TOTALE
		7	12

(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

PT100 100 OHM 0°C

TC

SD - 4±20mA

SD - 0±10V

SD-PRESS

SIEMENS QBE...

PT100 +VT

(§) 3 = PT100
3 = +VT

PONTECILLO INTERNO PER SELEZIONE SEGNALE MORSETTO 3
 INTERNAL BRIDGE FOR TERMINAL 3 SELECTION SIGNAL

PT100 100 OHM 0°C

TC

SD - 4±20mA

SD - 0±10V

SD-PRESS

SIEMENS QBE...

SD-TEMP. SD-TEMP. SIEMENS PT1000 1000 OHM 0°C

PT100 100 OHM 0°C

TC

SD - 4±20mA

SD - 0±10V

SD-PRESS

SIEMENS QBE... 0±10V

SD-TEMP. SD-TEMP. SIEMENS PT1000 1000 OHM 0°C

PT100 100 OHM 0°C

TC

SD - 4±20mA

SD - 0±10V

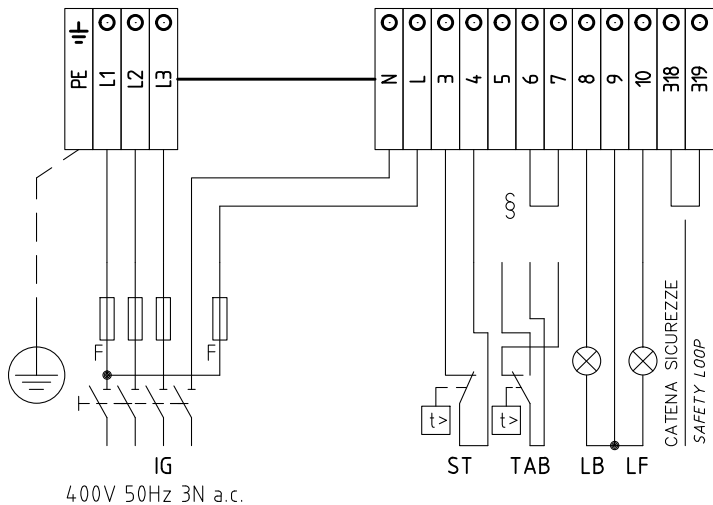
SD-PRESS

SIEMENS QBE... 0±10V

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

Data	22/07/2013	PREC.	FOGLIO
Revisione	02	6	7
Dis. N.	05 - 1005	SEGUE	TOTALE
		8	12

QUADRO QG - MORSETTIERA MA
MORSETTIERA ALIMENTAZIONE BRUCIATORE
BURNER SUPPLY TERMINAL BOARD



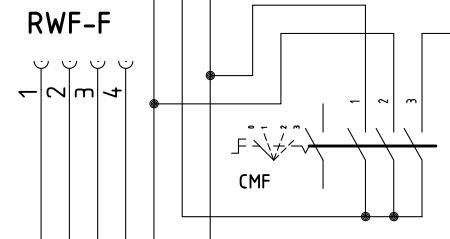
400V 50Hz 3N a.c.

LIMITE DI FORNITURA
 SCOPE OF SUPPLY

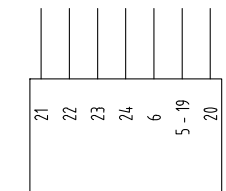
CATENA SICUREZZE
 SAFETY LOOP

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

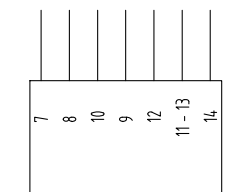
SE USATO "TAB" O "MD", TOGLIERE IL PONTE TRA I MORSETTI 6 - 7
 IF USED "TAB" OR "MD", REMOVE THE BRIDGE BETWEEN TERMINALS 6 - 7



RWF50.2x - RWF55.5x



600V RRR0-1-T73

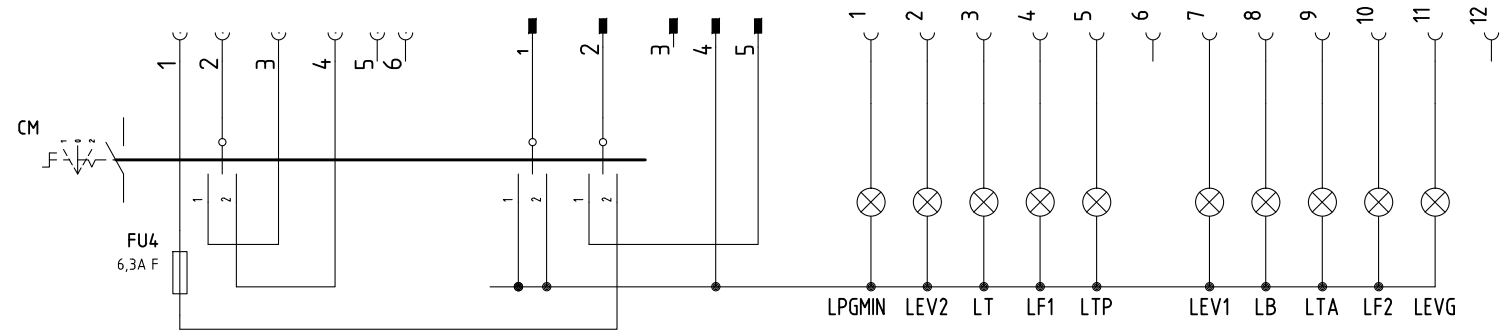


KM3 HCRMMD

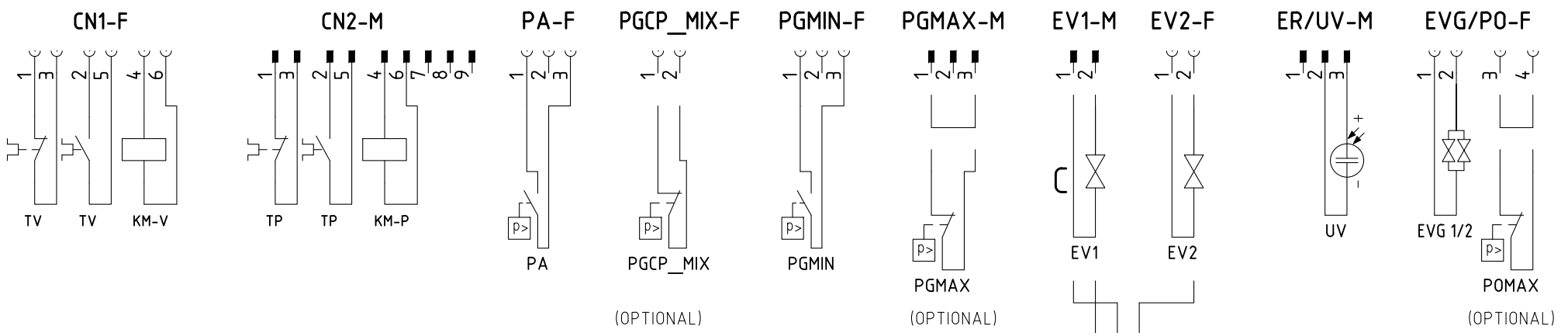
QG - FQB-F

QG - FQA-M

QG - FQC-F



Data	22/07/2013	PREC.	FOGLIO
Revisione	02	7	8
Dis. N.	05 - 1005	SEGUE	TOTALE
		9	12

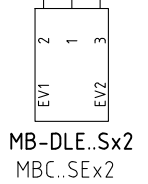


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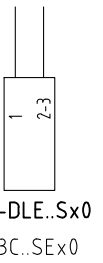
(OPTIONAL)

(OPTIONAL)

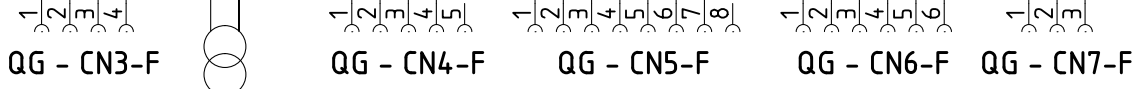
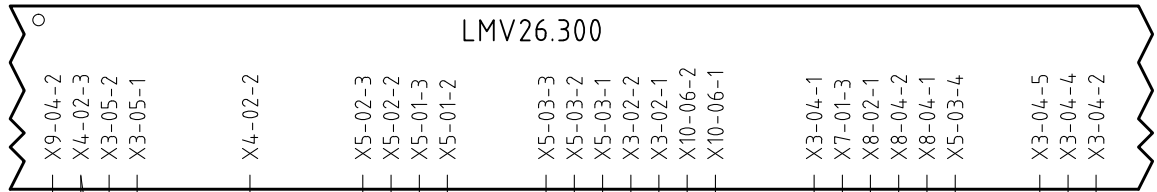
B



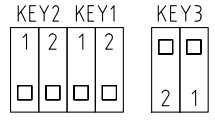
A



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



TA



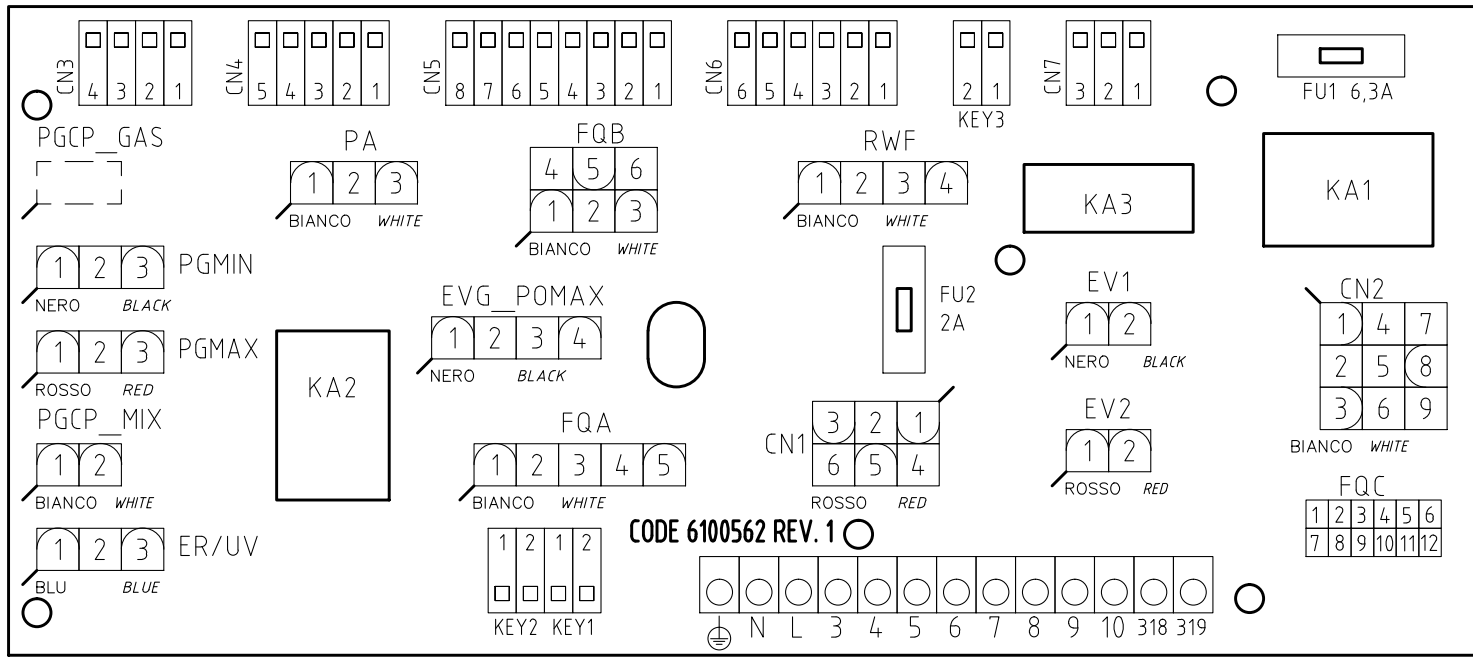
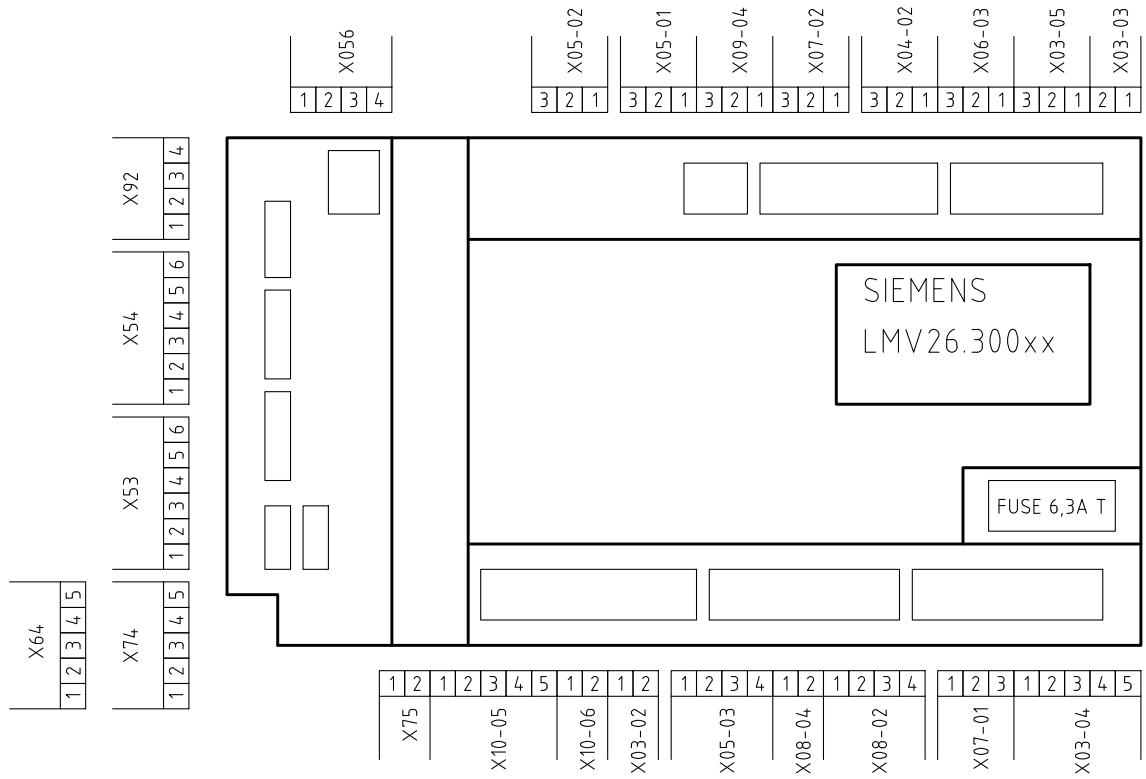
Data	22/07/2013	PREC.	FOGLIO
Revisione	02	8	9
Dis. N.	05 - 1005	SEGUE	TOTALE
		10	12

Sigla/Item	Foglio/Sheet	Funzione	Function
600V RRR0-1-T73	6	REGOLATORE MODULANTE (ALTERNATIVO)	BURNER MODULATOR (ALTERNATIVE)
AZL2x..	5	INTERFACCIA UTENTE	USER INTERFACE
CM	1	COMMUTATORE FUNZIONAMENTO 1)GAS 0)SPENTO 2)GASOLIO	MANUAL OPERATION SWITCH 1)GAS 0)OFF 2)LIGHT 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	4	ELETTROVALVOLA GAS LATO RETE	UPSTREAM GAS SOLENOID VALVE
EV2	4	ELETTROVALVOLA GAS LATO BRUCIATORE	DOWNSTREAM GAS SOLENOID VALVE
EVG 1/2	4	ELETTROVALVOLE GASOLIO	LIGHT OIL ELECTRO VALVE
EVS	3	ELETTROVALVOLA GAS DI SICUREZZA (OPTIONAL)	SAFETY GAS SOLENOID VALVE (OPTIONAL)
FU1	1	FUSIBILE AUSILIARIO	AUXILIARY FUSE
FU2	6	FUSIBILE	FUSE
FU3	1	FUSIBILI LINEA POMPA	PUMP LINE FUSES
FU4	1	FUSIBILE AUSILIARIO	AUXILIARY FUSE
FU-A	1	FUSIBILI DI LINEA	LINE FUSES
FU-B	1	FUSIBILE DI LINEA	LINE FUSE
IG	1	INTERRUTTORE GENERALE	MAINS SWITCH
KA1	1	RELE' AUSILIARIO	AUXILIARY RELAY
KA2	1	RELE' AUSILIARIO	AUXILIARY RELAY
KA3	4	RELE' AUSILIARIO	AUXILIARY RELAY
KM3 HCRMMD	6	REGOLATORE MODULANTE (ALTERNATIVO)	BURNER MODULATOR (ALTERNATIVE)
KM-P	2	CONTATTORE MOTORE POMPA GASOLIO	LIGHT OIL PUMP MOTOR CONTACTOR
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]
LEVG	4	LAMPADA SEGNALAZIONE APERTURA [EVG]	INDICATOR LIGHT FOR OPENING OF ELECTRO-VALVE [EVG]
LF1	4	LAMPADA SEGNALAZIONE FUNZIONAMENTO BRUCIATORE	INDICATOR LIGHT BURNER OPERATION
LF2	4	LAMPADA SEGNALAZIONE FUNZIONAMENTO BRUCIATORE	INDICATOR LIGHT BURNER OPERATION
LMV26.300	1	APPARECCHIATURA DI COMANDO	CONTROL SCHEME
LPGMIN	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
LTP	1	LAMPADA SEGNALAZIONE BLOCCO TERMICO MOTORE VENTILATORE	INDICATOR LIGHT FOR FAN MOTOR OVERLOAD THERMAL CUTOUT

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Dis. N.	05 - 1005	SEGUE	TOTALE
		11	12

Sigla/Item	Foglio/Sheet	Funzione	Function
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)
MP	1	MOTORE POMPA GASOLIO	LIGHT OIL PUMP MOTOR
MV	1	MOTORE VENTILATORE	FAN MOTOR
PA	1	PRESSOSTATO ARIA	AIR PRESSURE SWITCH
PGCP_MIX	3	PRESSOSTATO GAS CONTROLLO PERDITE (OPTIONAL)	GAS LEAKAGE PRESSURE SWITCH (OPTIONAL)
PGMAX	5	PRESSOSTATO GAS DI MASSIMA PRESSIONE (OPTIONAL)	MAXIMUM PRESSURE GAS SWITCH (OPTIONAL)
PGMIN	2	PRESSOSTATO GAS DI MINIMA PRESSIONE	MINIMUM GAS PRESSURE SWITCH
POMAX	3	PRESSOSTATO DI MASSIMA PRESSIONE OLIO (OPTIONAL)	MAXIMUM OIL PRESSURE SWITCH (OPTIONAL)
PT100	7	SONDA DI TEMPERATURA	TEMPERATURE PROBE
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
TP	1	TERMICO MOTORE POMPA	PUMP MOTOR THERMAL
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 - 1005	SEGUE	TOTALE
		12	12



CODE 6100562 REV. 1

VISTA LATO COMPONENTI
COMPONENTS SIDE VIEW

Data	22/07/2013	PREC.	FOGLIO
Revisione	02	11	12
Dis. N.	05 - 1005	SEGUE	TOTALE
		/	12