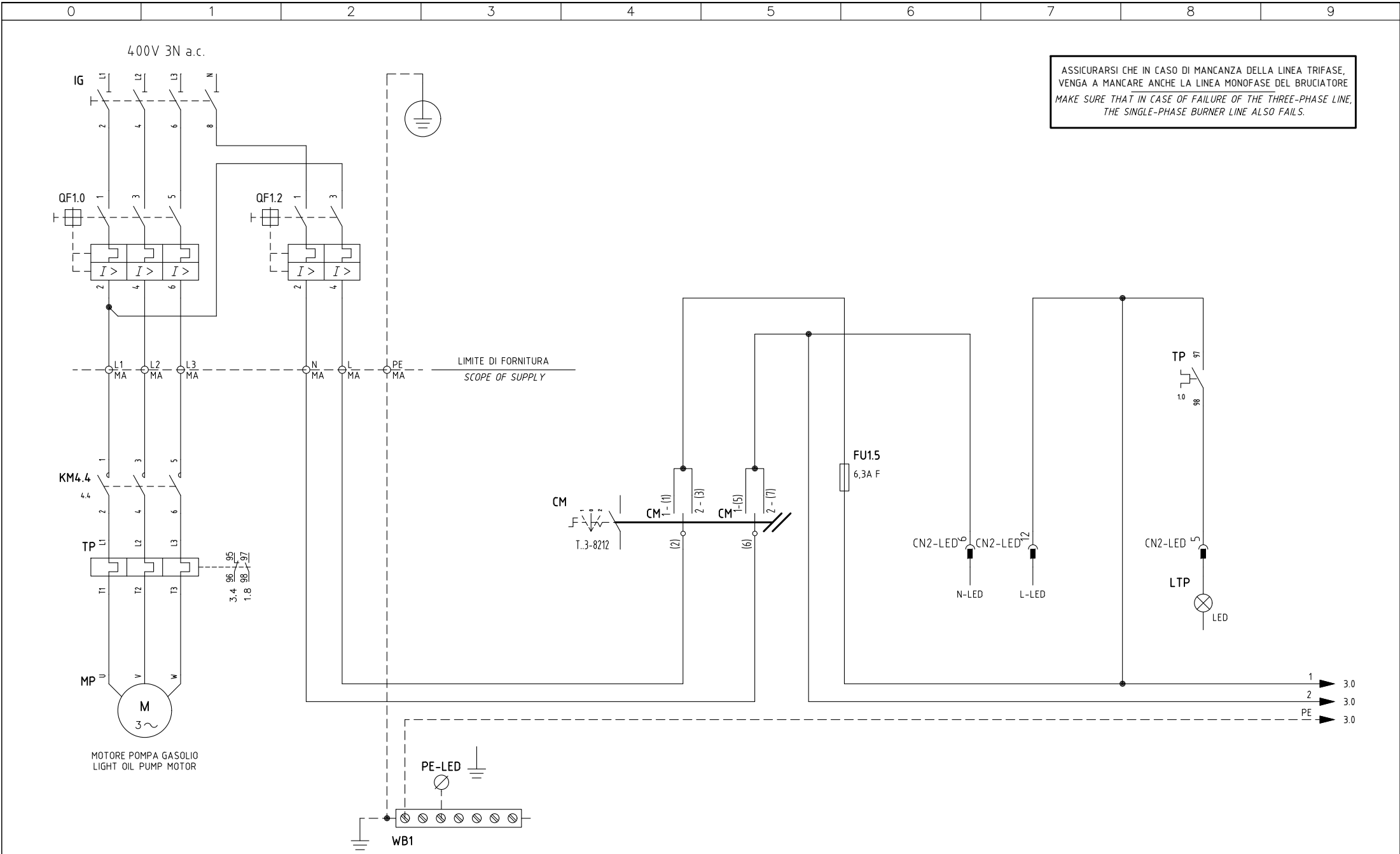
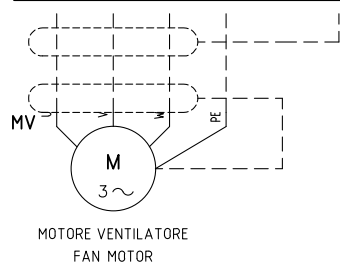
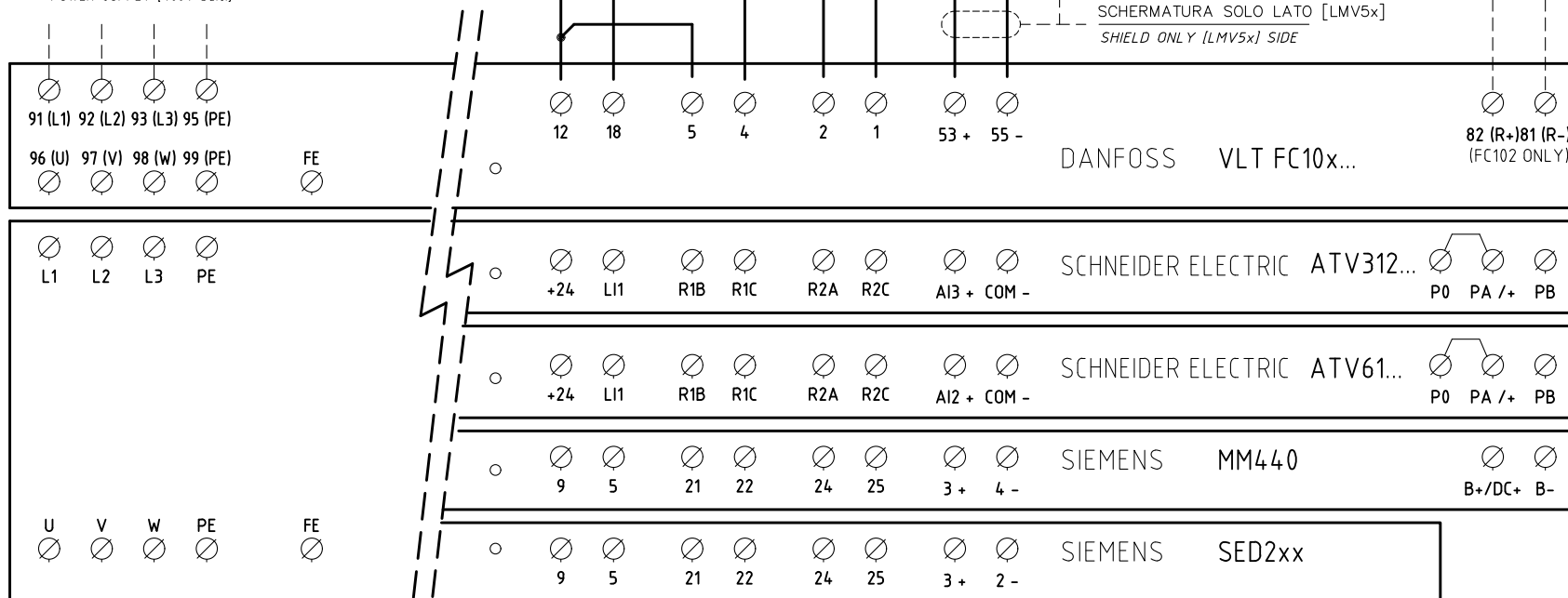
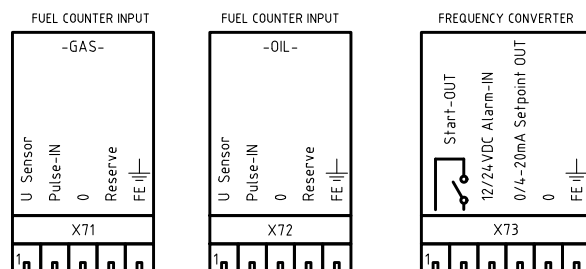




					Impianto HR91A:HR525A/HRX91:HRX525.1/HTLX1../C../E../G../H../K../Nxxxx(X) MODELLO/MODEL MG.MD.x.xx.A.1.xx.EI(EK) Descrizione VERSION WITH LED SYNOPTIC PANEL 6100566	Ordine		Data	27/06/2016	PREC.	FOGLIO
						Commessa	Data Controllato 27/09/2023	Revisione	01	/	1
						Esecutore U. P.	Controllato M. M.	Dis. N.	05 - 1131	SEGUE	TOTALE
01	WIRING UPDATE	27/09/23	U. P.							2	11
REV.	MODIFICA	DATA	FIRME								

SIEMENS
LMV51.300/LMV52.400



DANFOSS VLT FC10x...

82 (R+)81 (R-)
(FC102 ONLY)

SCHNEIDER ELECTRIC ATV312...

P0 PA /+ PB

SCHNEIDER ELECTRIC ATV61...

P0 PA /+ PB

SIEMENS MM440

 
B+/DC+ B-

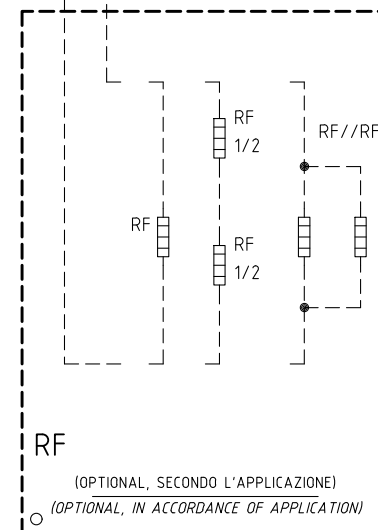
SIEMENS SED2xx

SEGNALE [4÷20mA] COMANDO INVERTER
SIGNAL [4÷20mA] FOR INPUT INVERTER

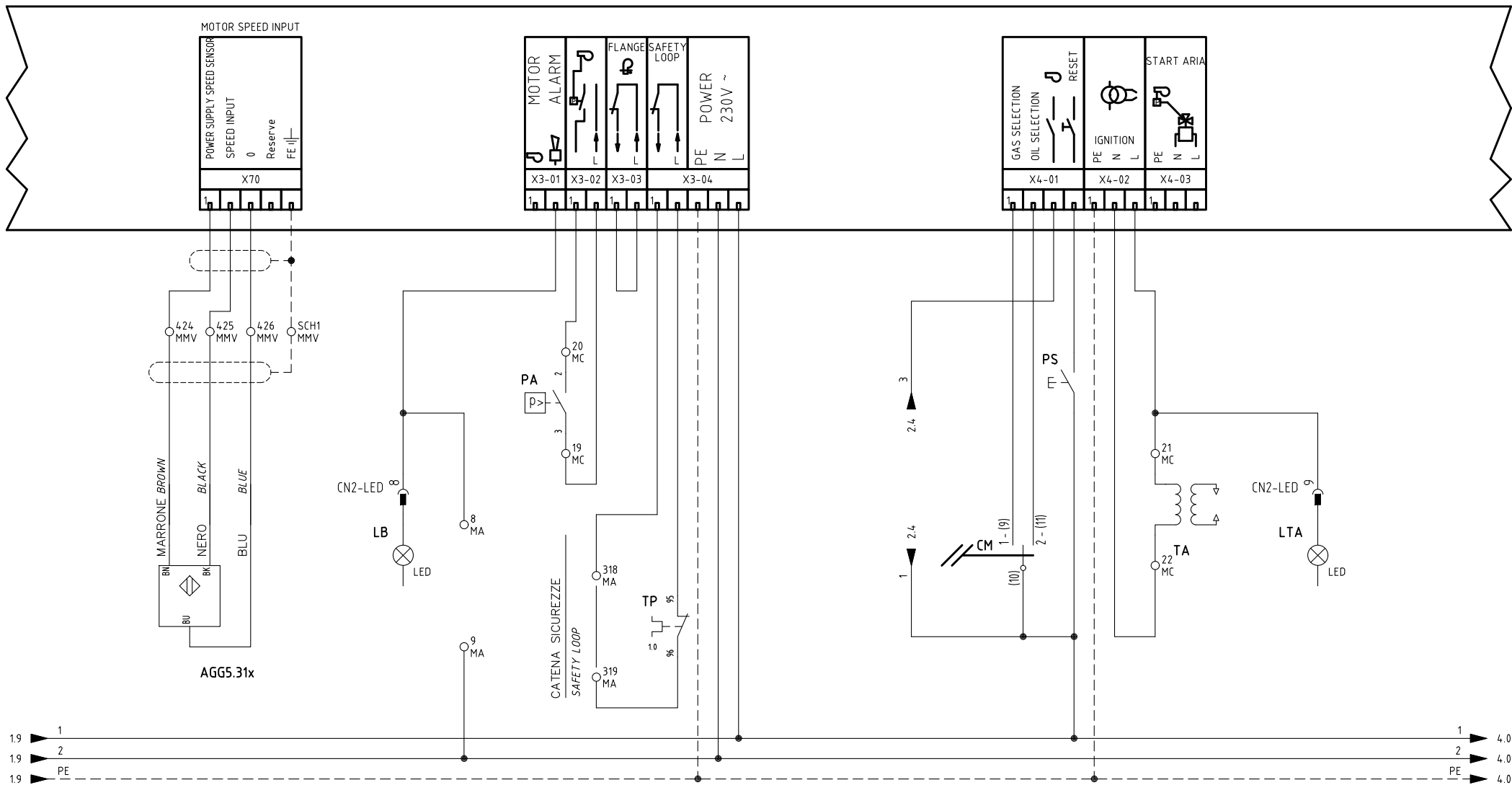
MOTORE VENTILATORE "OK"
FAN MOTOR "OK"

ALLARME INVERTER
INVERTER ALARM

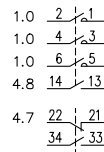
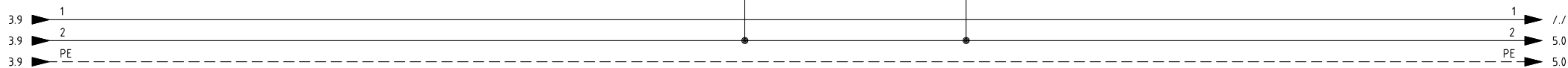
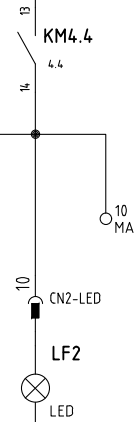
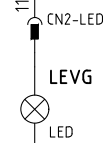
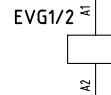
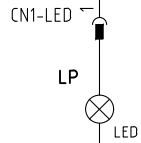
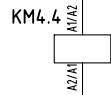
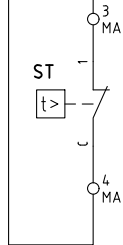
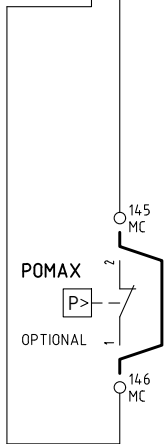
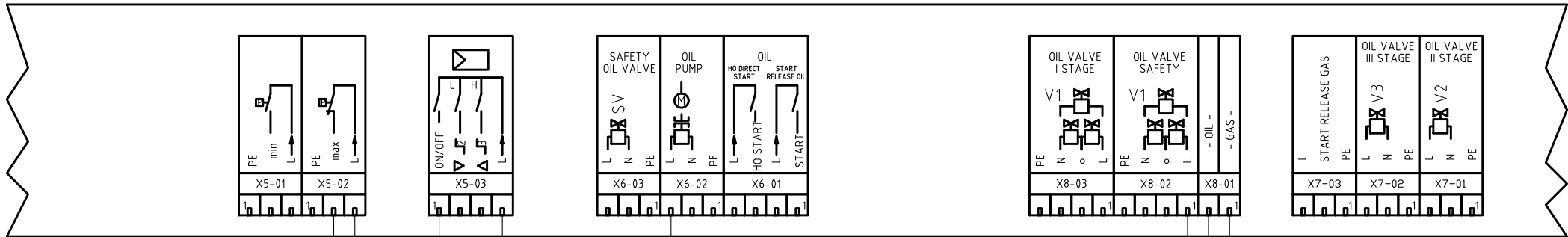
COMANDO START MOTORE VENTILATORE
FAN MOTOR START INPUT



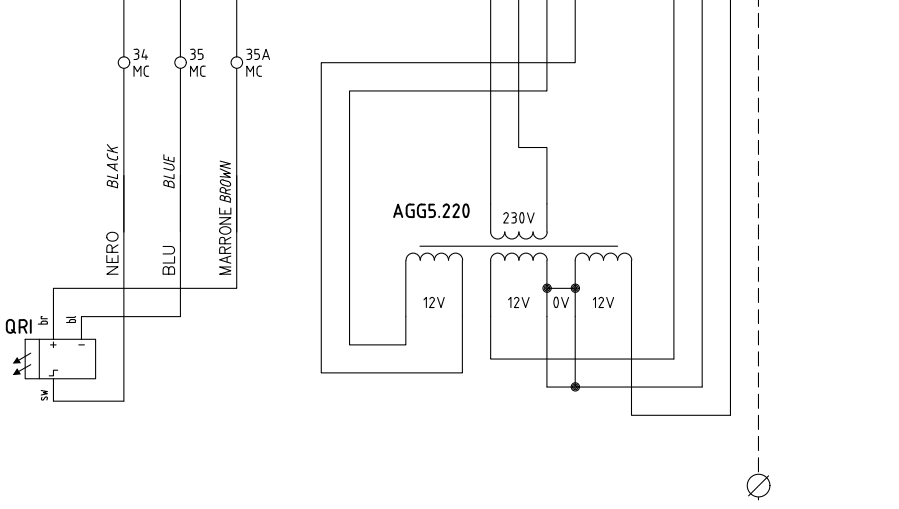
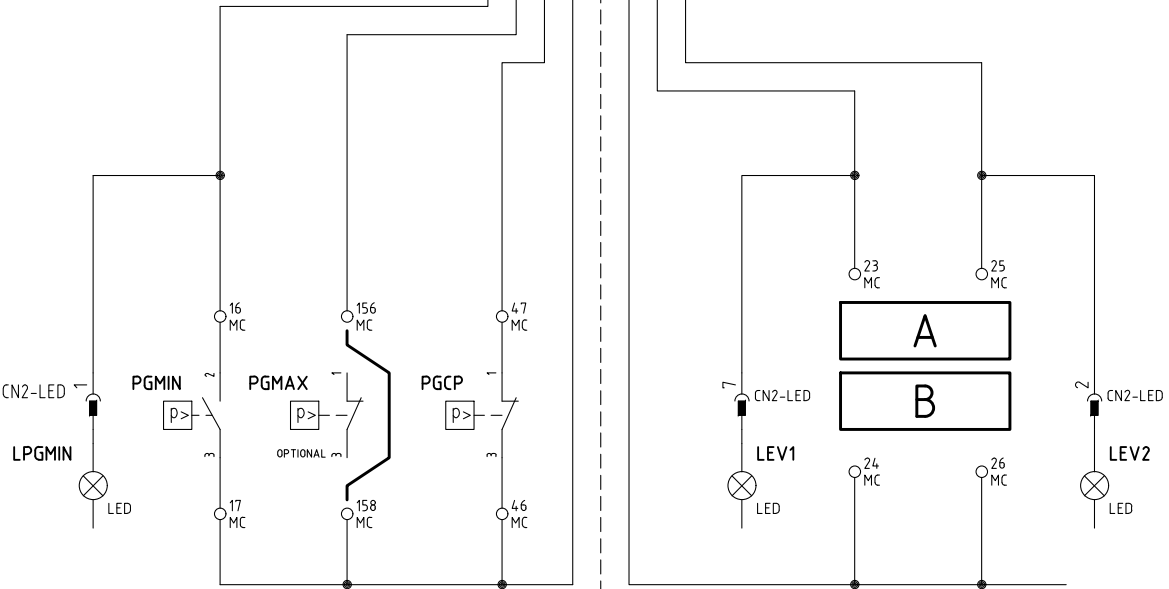
Data	27/06/2016	PREC.	FOGLIO
Revisione	01	1	2
Dis. N.	05 - 1131	SEGUE	TOTALE
		3	11



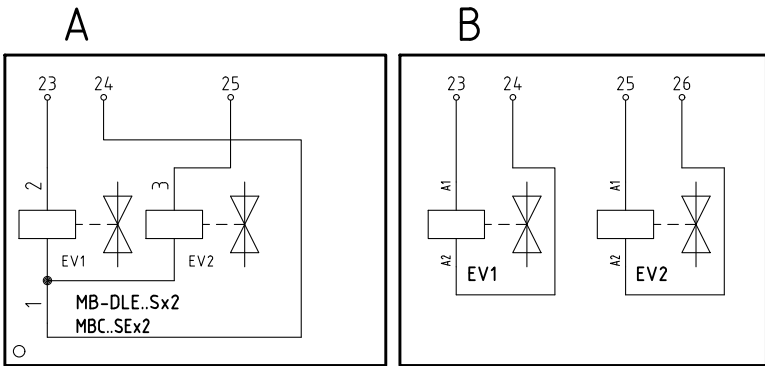
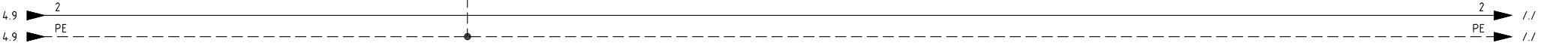
Data	27/06/2016	PREC.	FOGLIO
Revisione	01	2	3
Dis. N.	05 - 1131	SEGUE	TOTALE
		4	11



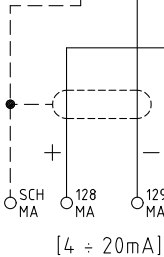
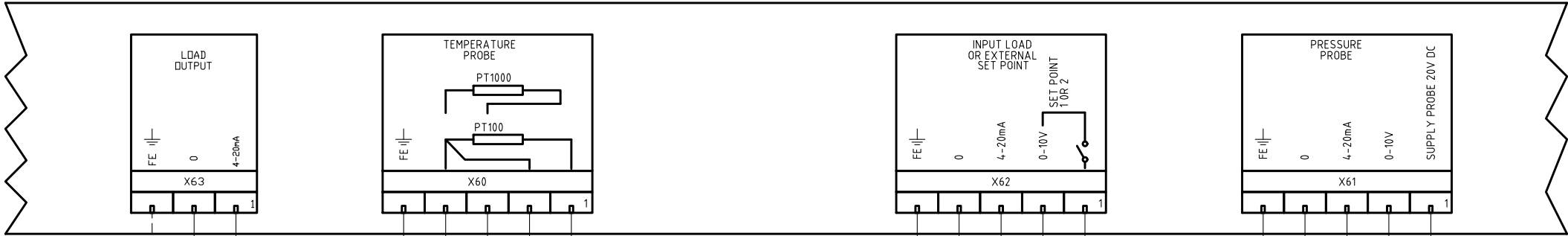
Data	27/06/2016	PREC.	FOGLIO
Revisione	01	3	4
Dis. N.	05 - 1131	SEQUE	TOTALE
		5	11



COLLEGAMENTO ELETTRICO PIU' CORTO POSSIBILE (~10cm)
DIRETTAMENTE SU PIASTRA QUADRO ELETTRICO
ELECTRICAL CONNECTION AS SHORT AS POSSIBLE (~ 10cm)
DIRECTLY ELECTRIC BOX PLATE

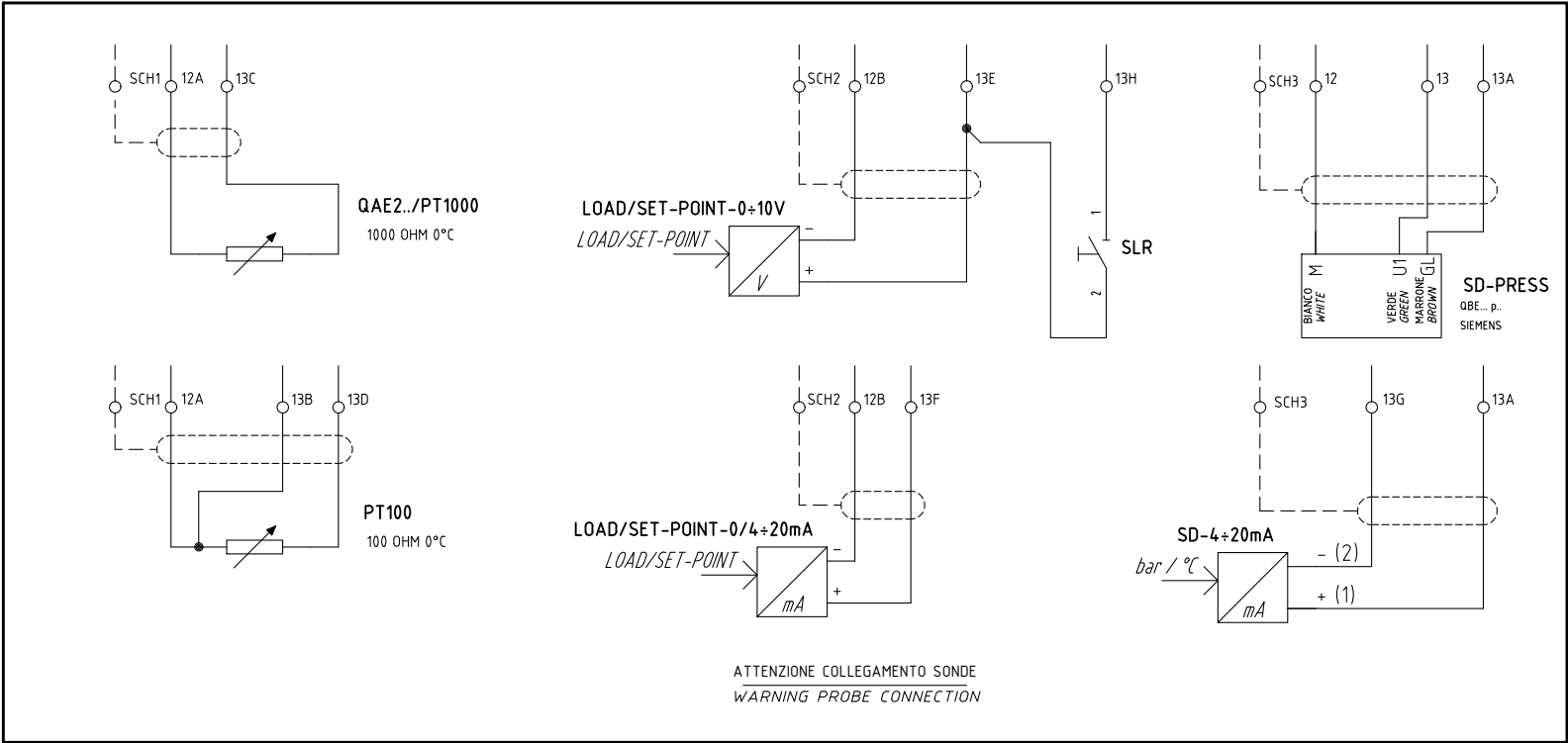


Data	27/06/2016	PREC.	FOGLIO
Revisione	01	4	5
Dis. N.	05 - 1131	SEQUE	TOTALE
		6	11

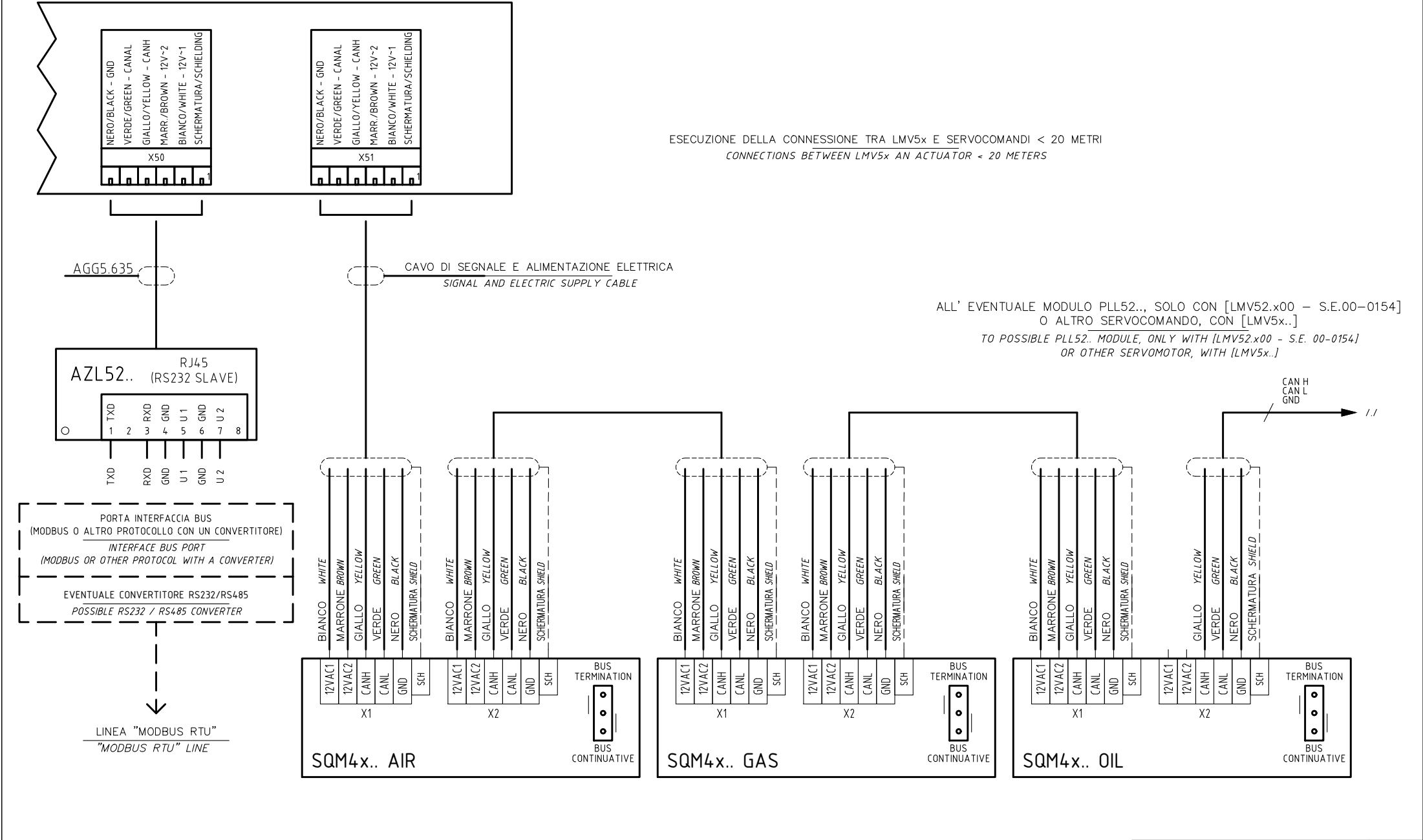


SEGNALE IN CORRENTE PER % CARICO

CURRENT SIGNAL FOR % LOAD

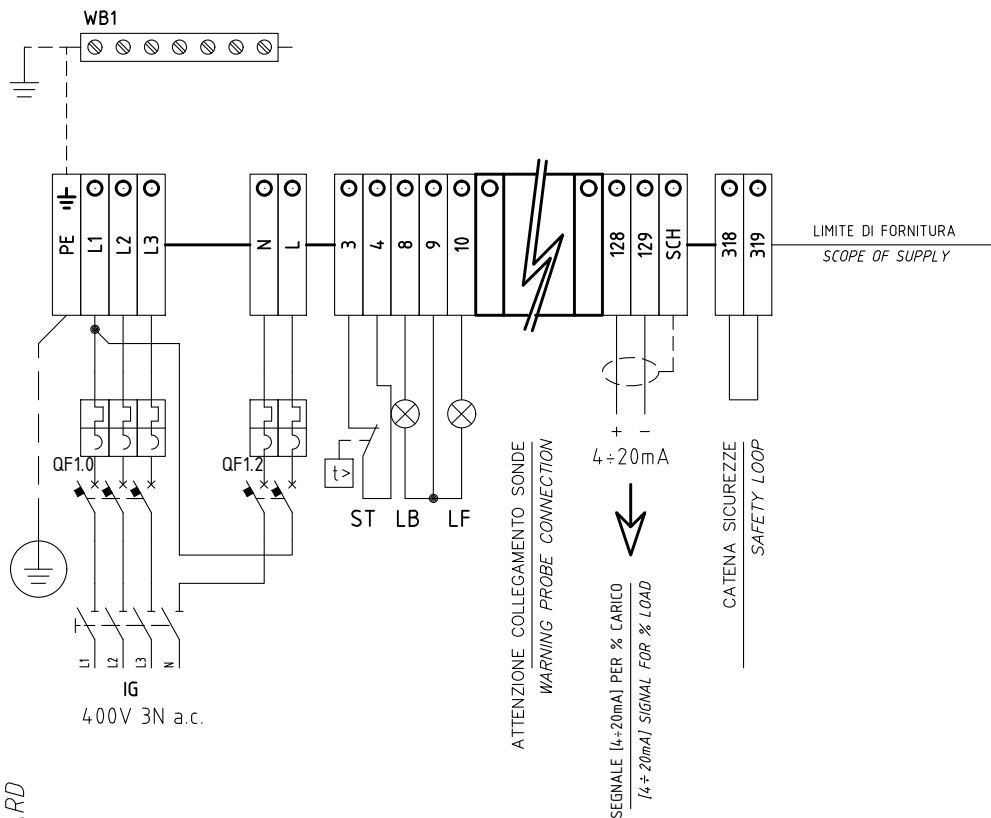


Data	27/06/2016	PREC.	FOGLIO
Revisione	01	5	6
Dis. N.	05 - 1131	SEGUE	TOTALE
		7	11



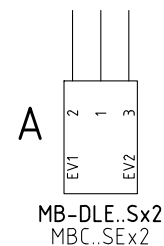
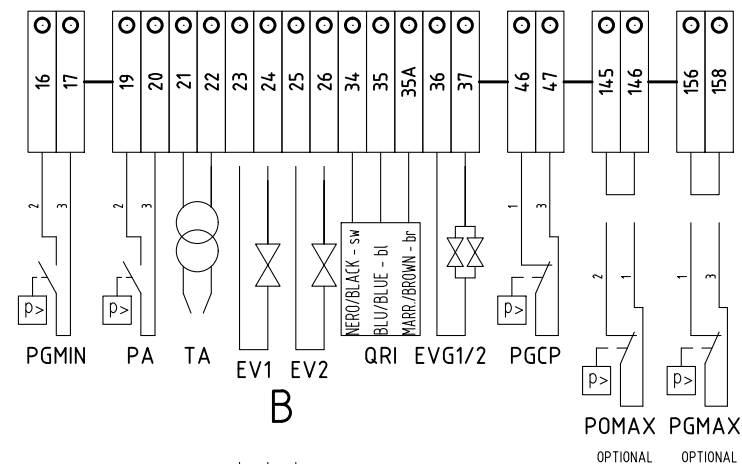
QG - MA

MORSETTIERA ALIMENTAZIONE BRUCIATORE
BURNER SUPPLY TERMINAL BOARD



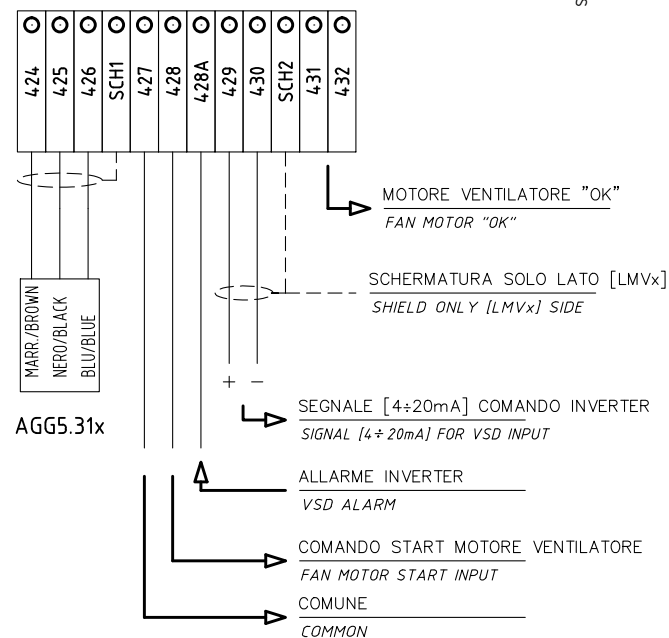
QG - MC

MORSETTIERA COMPONENTI BRUCIATORE
BURNER COMPONENT TERMINAL BOARD



QG - MMV

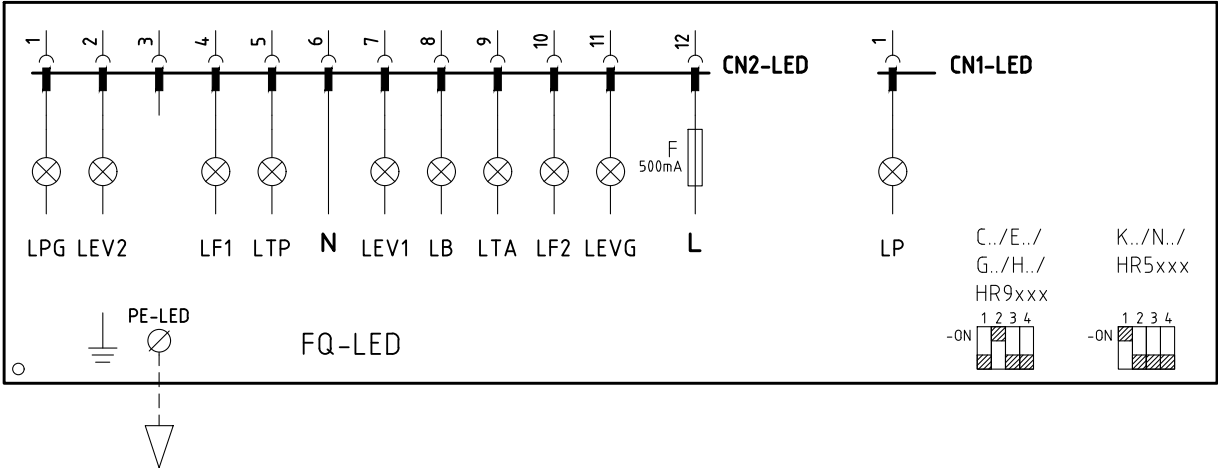
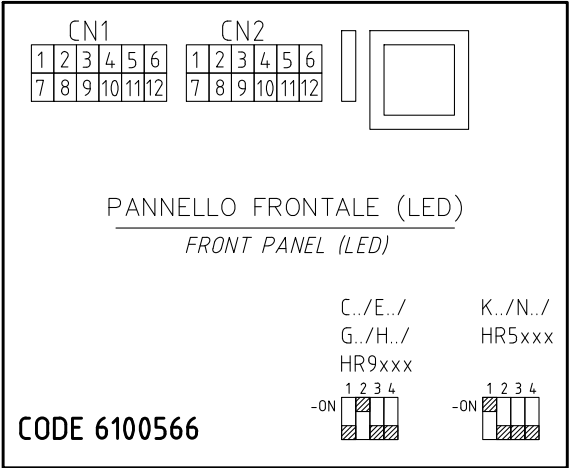
MORSETTIERA MOTORE VENTILATORE
FAN MOTOR TERMINAL BOARD



ASSICURARSI CHE IN CASO DI MANCANZA DELLA LINEA TRIFASE,
VENGA A MANCARE ANCHE LA LINEA MONOFASE DEL BRUCIATORE
MAKE SURE THAT IN CASE OF FAILURE OF THE THREE-PHASE LINE,
THE SINGLE-PHASE BURNER LINE ALSO FAILS.

Data	27/06/2016	PREC.	FOGLIO
Revisione	01	7	8
Dis. N.	05 - 1131	SEGUE	TOTALE
		9	11

VISTA LATO COMPONENTI
COMPONENTS SIDE VIEW



BARRA DI TERRA
EARTH TERMINAL

Data	27/06/2016	PREC.	FOGLIO
Revisione	01	8	9
Dis. N.	05 - 1131	SEGUE	TOTALE
		10	11

Sigla/Item	Foglio/Sheet	Funzione	Function
AGG5.31x	3	SENSORE GIRI MOTORE	SPEED SENSOR
AGG5.220	5	TRASFORMATORE AUSILIARIO	AUXILIARY TRANSFORMER
ATV61...	2	INVERTER VENTILATORE	FAN START-UP
ATV312...	2	INVERTER VENTILATORE	FAN START-UP
AZL52..	7	PROGRAMMATORE	PROGRAMMING
CM	1	COMMUTATORE FUNZIONAMENTO 1)GAS 0)SPENTO 2)GASOLIO	MANUAL OPERATION SWITCH 1)GAS 0)OFF 2)LIGHT OIL
EV1	5	ELETTROVALVOLA GAS LATO RETE	UPSTREAM GAS SOLENOID VALVE
EV2	5	ELETTROVALVOLA GAS LATO BRUCIATORE	DOWNSTREAM GAS SOLENOID VALVE
EVG1/2	4	ELETTROVALVOLE GASOLIO	LIGHT OIL ELECTRO VALVES
FQ-LED	9	PANNELLO FRONTALE (LED)	FRONT PANEL (LED)
FU1.5	1	FUSIBILE LINEA AUSILIARI	AUXILIARY LINE FUSE
IG	1	INTERRUTTORE GENERALE	MAINS SWITCH
KM4.4	4	CONTATTORE MOTORE POMPA GASOLIO	LIGHT OIL PUMP MOTOR CONTACTOR
LB	3	LAMPADA SEGNALE BLOCCO BRUCIATORE	INDICATOR LIGHT FOR BURNER LOCK-OUT
LEV1	5	LAMPADA SEGNALE APERTURA [EV1]	INDICATOR LIGHT FOR OPENING OF ELECTRO-VALVE [EV1]
LEV2	5	LAMPADA SEGNALE APERTURA [EV2]	INDICATOR LIGHT FOR OPENING OF ELECTRO-VALVE [EV2]
LEVg	4	LAMPADA SEGNALE APERTURA [EVg]	INDICATOR LIGHT FOR OPENING OF ELECTRO-VALVE [EVg]
LF1	4	LAMPADA SEGNALE FUNZIONAMENTO BRUCIATORE	INDICATOR LIGHT BURNER OPERATION
LF2	4	LAMPADA SEGNALE FUNZIONAMENTO BRUCIATORE	INDICATOR LIGHT BURNER OPERATION
LMV51.300/LMV52.400	2	APPARECCHIATURA DI COMANDO	CONTROL SCHEME
LOAD/SET-POINT-0/4÷20mA	6	SEGNALE IN CORRENTE PER % CARICO	CURRENT SIGNAL FOR % LOAD
LOAD/SET-POINT-0÷10V	6	SEGNALE IN TENSIONE PER % CARICO	VOLTAGE SIGNAL FOR % LOAD
LP	4	LAMPADA SEGNALE FUNZIONAMENTO POMPA	INDICATOR LIGHT FOR PUMP OPERATION
LPGMIN	5	LAMPADA SEGNALE PRESENZA GAS IN RETE	INDICATOR LIGHT FOR PRESENCE OF GAS IN THE NETWORK
LTA	3	LAMPADA SEGNALE TRASFORMATORE DI ACCENSIONE	IGNITION TRANSFORMER INDICATOR LIGHT
LTP	1	LAMPADA SEGNALE BLOCCO TERMICO MOTORE POMPA	INDICATOR LIGHT FOR PUMP MOTOR OVERLOAD THERMAL CUTOUT
MB-DLE..Sx2	5	GRUPPO VALVOLE GAS	GAS VALVES GROUP
MBC..SEx2	5	GRUPPO VALVOLE GAS (ALTERNATIVO)	GAS VALVES GROUP (ALTERNATIVE)
MM440	2	INVERTER VENTILATORE	FAN START-UP
MP	1	MOTORE POMPA GASOLIO	LIGHT OIL PUMP MOTOR
MV	2	MOTORE VENTILATORE	FAN MOTOR
PA	3	PRESSOSTATO ARIA	AIR PRESSURE SWITCH

Sigla/Item	Foglio/Sheet	Funzione	Function
PGCP	5	PRESSOSTATO GAS CONTROLLO PERDITE	GAS LEAKAGE PRESSURE SWITCH
PGMAX	5	PRESSOSTATO GAS DI MASSIMA PRESSIONE (OPTIONAL)	MAXIMUM PRESSURE GAS SWITCH (OPTIONAL)
PGMIN	5	PRESSOSTATO GAS DI MINIMA PRESSIONE	MINIMUM GAS PRESSURE SWITCH
POMAX	4	PRESSOSTATO DI MASSIMA PRESSIONE OLIO (OPTIONAL)	MAXIMUM OIL PRESSURE SWITCH (OPTIONAL)
PS	3	PULSANTE SBLOCCO FIAMMA	FLAME UNLOCK BUTTON
PT100	6	SONDA DI TEMPERATURA	TEMPERATURE PROBE
QAE2../PT1000	6	SONDA DI TEMPERATURA	TEMPERATURE PROBE
QF1.0	1	MAGNETOTERMICO PROTEZIONE ALIMENTAZIONE TRIFASE	THREE-PHASE POWER CIRCUIT BREAKER PROTECTION
QF1.2	1	MAGNETOTERMICO PROTEZIONE LINEA AUSILIARI	AUXILIARY SUPPLY CIRCUIT BREAKER PROTECTION
QRI	5	SONDA UV RILEVAZIONE FIAMMA	UV FLAME DETECTOR
RF	2	RESISTENZA DI FRENATURA	BRAKING RESISTOR
SD-4÷20mA	6	SEGNALE IN CORRENTE	CURRENT SIGNAL
SD-PRESS	6	SONDA DI PRESSIONE	PRESSURE PROBE
SED2xx	2	INVERTER VENTILATORE	FAN START-UP
SLR	6	SELETTORE LOCALE/REMOTO	LOCAL/REMOTE SELECTOR
SQM4x.. AIR	7	SERVOCOMANDO SERRANDA ARIA	AIR DAMPER ACTUATOR
SQM4x.. GAS	7	SERVOCOMANDO FARFALLA GAS	GAS THROTTLE VALVE ACTUATOR
SQM4x.. OIL	7	SERVOCOMANDO REGOLATORE OLIO	OIL REGULATOR ACTUATOR
ST	4	SERIE TERMOSTATI/PRESSOSTATI	SERIES OF THERMOSTATS OR PRESSURE SWITCHES
TA	3	TRASFORMATORE DI ACCENSIONE	IGNITION TRANSFORMER
TP	1	TERMICO MOTORE POMPA GASOLIO	LIGHT OIL PUMP MOTOR THERMAL
VLT FC10x...	2	INVERTER VENTILATORE	FAN START-UP
WB1	1	BARRA DI TERRA	EARTH TERMINAL