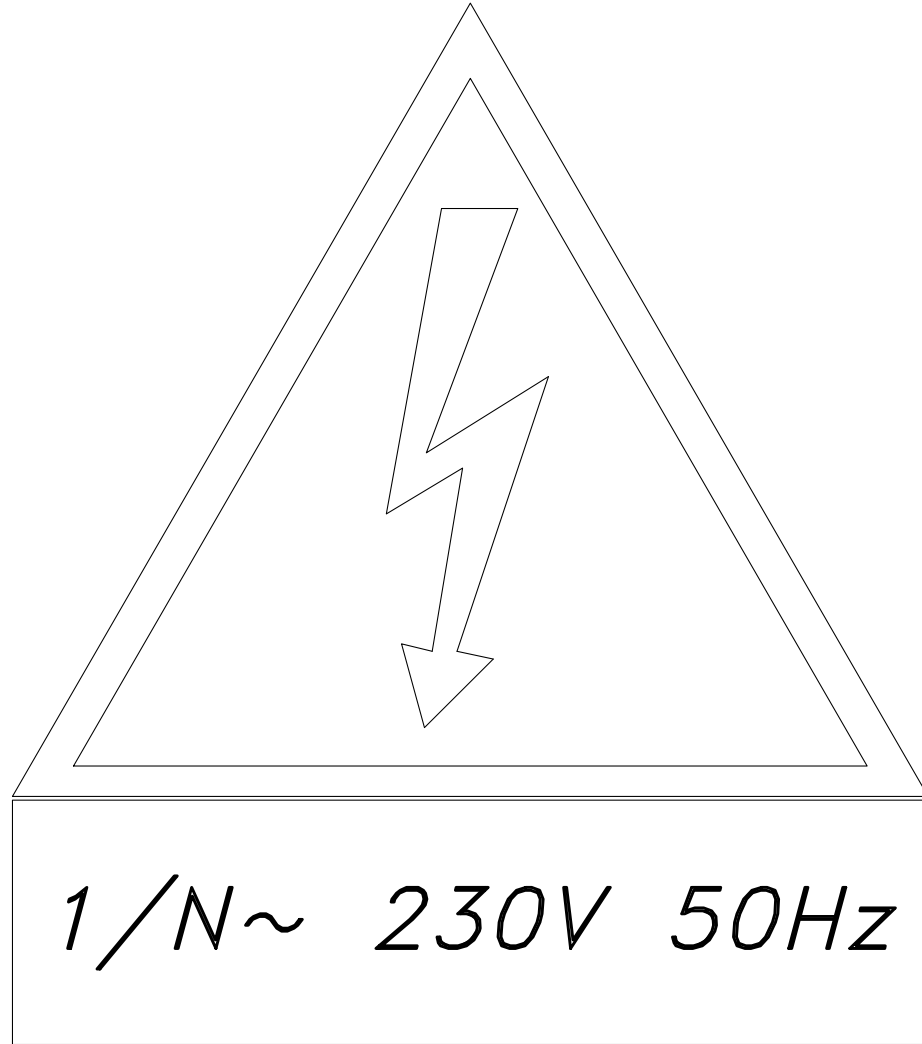


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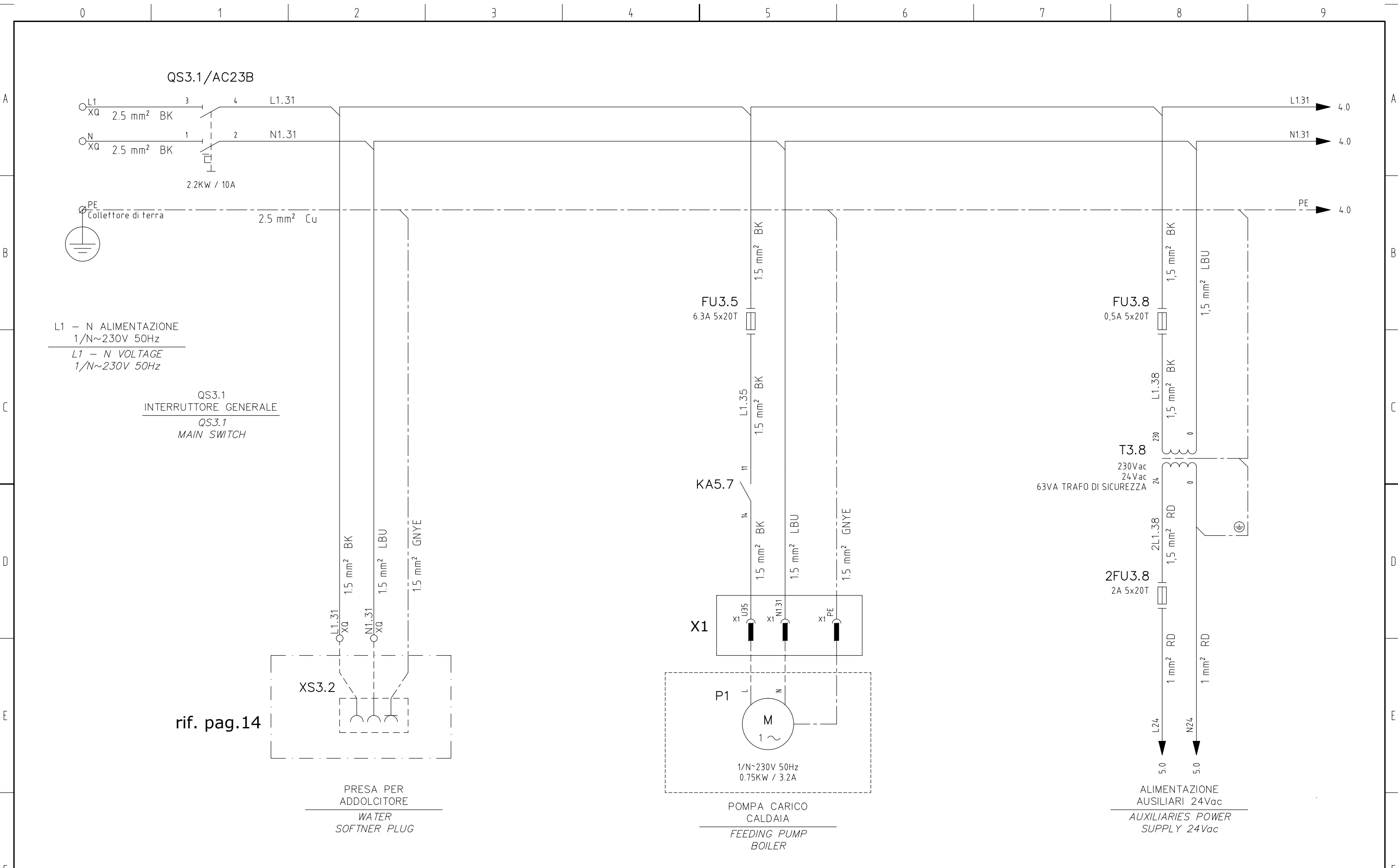
PROGETTO FX
BANCA DIS.
TIPICO

PROGETTO FX
BANCA DIS.
TIPICO

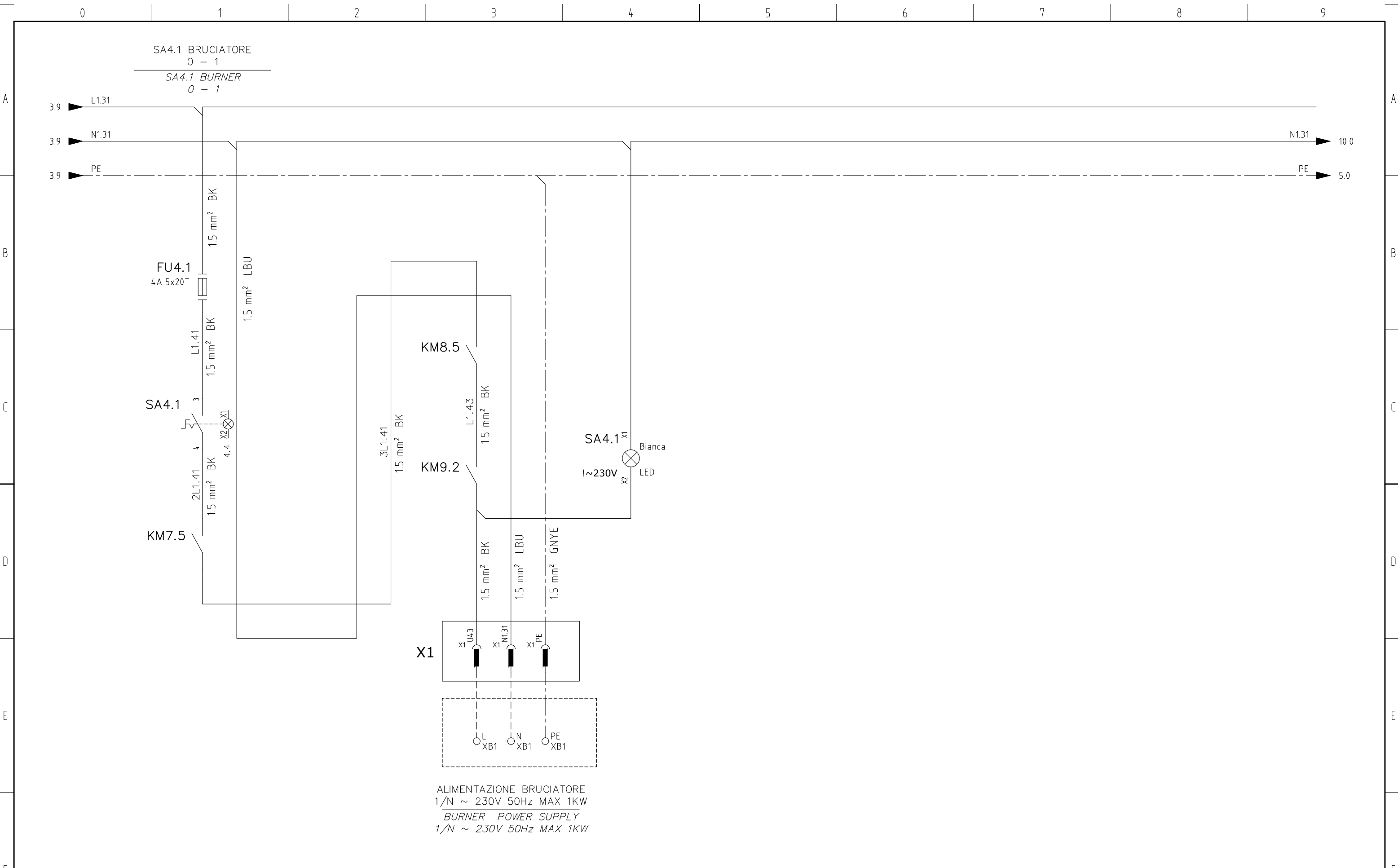
DESIGN	ICI CALDAIE S.p.A.	WORKING VOLTAGE	1/N 230V 50Hz	NORMS	-	PROTECTIONS	-		
SERIAL	Steam boiler	CONTROL VOLTAGE	1/N~24Vac	ICI CALDAIE					
JOB	-	SIGNALS VOLTAGE							
CLIENT	-	MAX CURRENT	8A	STRUCTURAL FEATURE	-				
THERMAL ROOM		MAX POWER	1.8KW	MAX CURRENT lcc	KA				
				BOARD NUMBER	-				
				REMARKS	Protect the board in accordance with local norms				
				DATA	FIRME				
				DIS.	03/10	LB			
				VISTO	03/10	AP			
				APPROV.	03/10	AP			
01	Second edition	01/11	LB	Q-FXELM-01				FOGLIO	1
00	First edition	03/10	LB					T.F.	15
REV.	MODIFICA	DATA	FIRME	SOST. DA	SOST. IL	FILE : Q-FXELM-01			

PROGETTAZIONE	ICI CALDAIE S.p.A.	TENSIONE ESERCIZIO	1/N 230V 50Hz	NORME	-	PROTEZIONI			
SERIE	Generatore di vapore	TENSIONE COMANDI	1/N~ 24Vac	ICI CALDAIE					
COMMESSA	-	TENSIONE SEGNALI							
COMMITTENTE	-	CORRENTE MASSIMA	8A	CARATTERISTICHE - CARPENTERIA	-				
DESTINATARIO		POTENZA MASSIMA	1,8KW	CORRENTE lcc MASSIMA	KA				
				QUADRO NUMERO	-				
				NOTE	Proteggere a monte come prescritto da CEI 64/8 e da leggi vigenti nel paese di installazione				
				DATA	FIRME				
				DIS.	03/10	LB			
				VISTO	03/10	AP			
				APPROV.	03/10	AP			
01	Seconda edizione	01/11	LB	Q-FXELM-01				FOGLIO	1
00	Prima edizione	03/10	LB					T.F.	15
REV.	MODIFICA	DATA	FIRME	SOST. DA	SOST. IL	FILE : Q-FXELM-01			

				DATA	06/09	ICI CALDAIE	ICI CALDAIE SpA Verona ITALY	FX ICI CALDAIE SpA	Q-FXELM-01	=
				DISEGN.	LB					+
01	Second edition	01/11	LB	VISTO	AP					FG. 1
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	FILE : Q-FXELM-01		F.S. 2



				DATA	06/09	ICI CALDAIE	ICI CALDAIE SpA Verona ITALY	FX ICI CALDAIE SpA	Q-FXELM-01	=	+
				DISEGN.	LB						
01	Second edition	01/11	LB	VISTO	AP			POTENZA POWER			FG. 3
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	FILE : Q-FXELM-01			F.S. 4



				DATA	06/09
				DISEGN.	LB
01	Second edition	01/11	LB	VISTO	AP
REV.	MODIFICA	DATA	FIRMA	APPR.	AP



ICI CALDAIE SpA
Verona ITALY
FILE : Q-FXELM-01

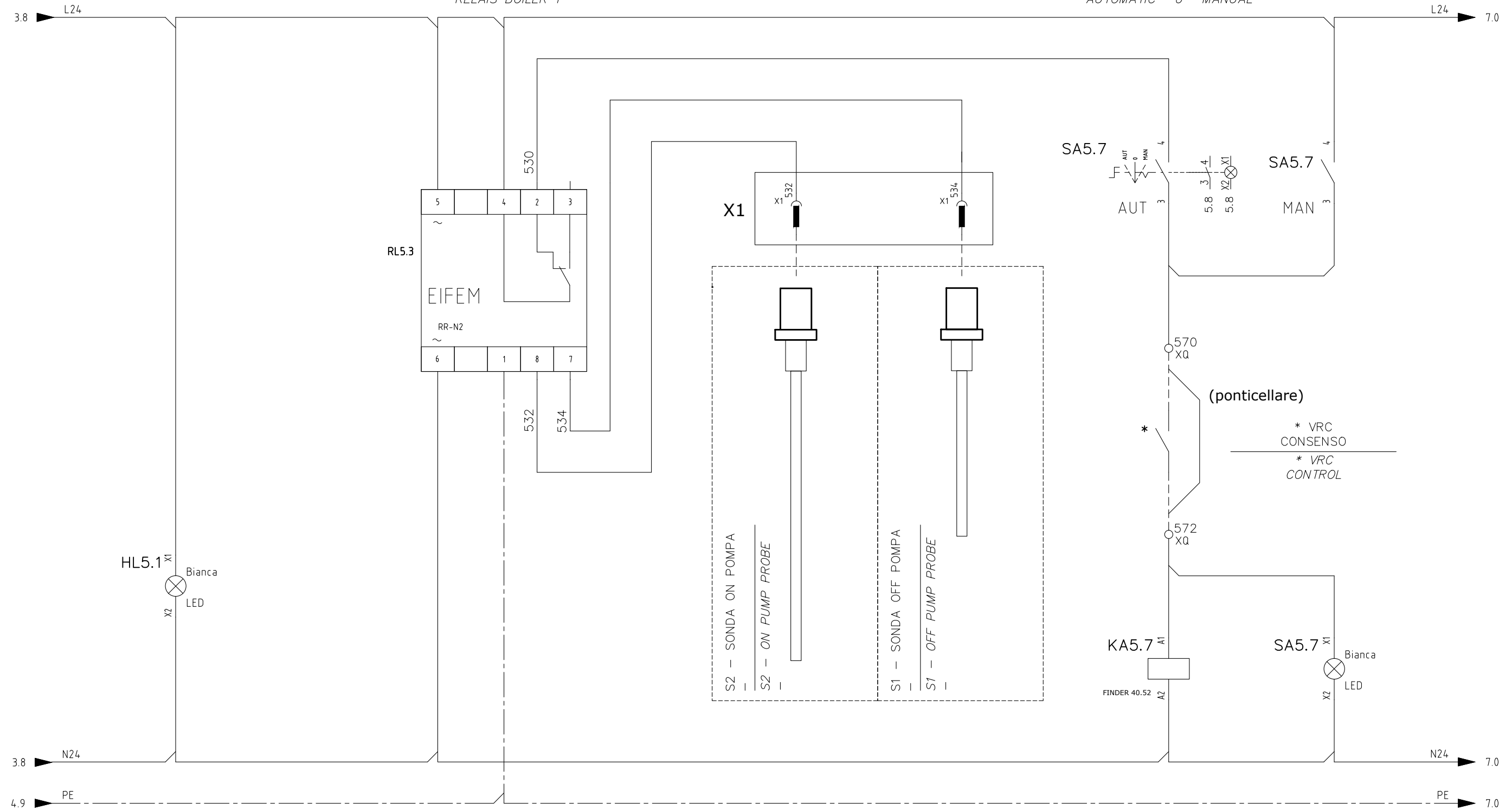
FX
ICI CALDAIE SpA
POTENZA
POWER

Q-FXELM-01	=	
	+	
	-	FG. 4
		F.S. 5

0 1 2 3 4 5 6 7 8 9

RL5.3 RELE' DI LIVELLO
CARICO CALDAIA 1
RL5.3 FEEDING LEVEL
RELAIS BOILER 1

SA5.7 COMMUTATORE POMPA CALDAIA 1
"AUTOMATICO" "0" "MANUALE"
SA5.7 PUMP SELECTOR BOILER 1
"AUTOMATIC" "0" "MANUAL"



HL5.1 X1
Bianca
X2 LED

HL5.1
AUSILIARI 24Vac
HL5.1
AUXILIARIES 24Vac

11	14	3.5
21	24	11.6

SA5.7 POMPA
ON
SA5.7 PUMP
ON

				DATA	06/09
				DISEGN.	LB
01	Second edition	01/11	LB	VISTO	AP
REV.	MODIFICA	DATA	FIRMA	APPR.	AP



ICI CALDAIE SpA
Verona ITALY
FILE : Q-FXELM-01

FX
ICI CALDAIE SpA
AUSILIARI DI COMANDO
AUXILIARIES CONTROL

Q-FXELM-01	=
	+
	FG. 5
	F.S. 6

0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9

A

A

B

B

C

C

D


D

E

E

F

F

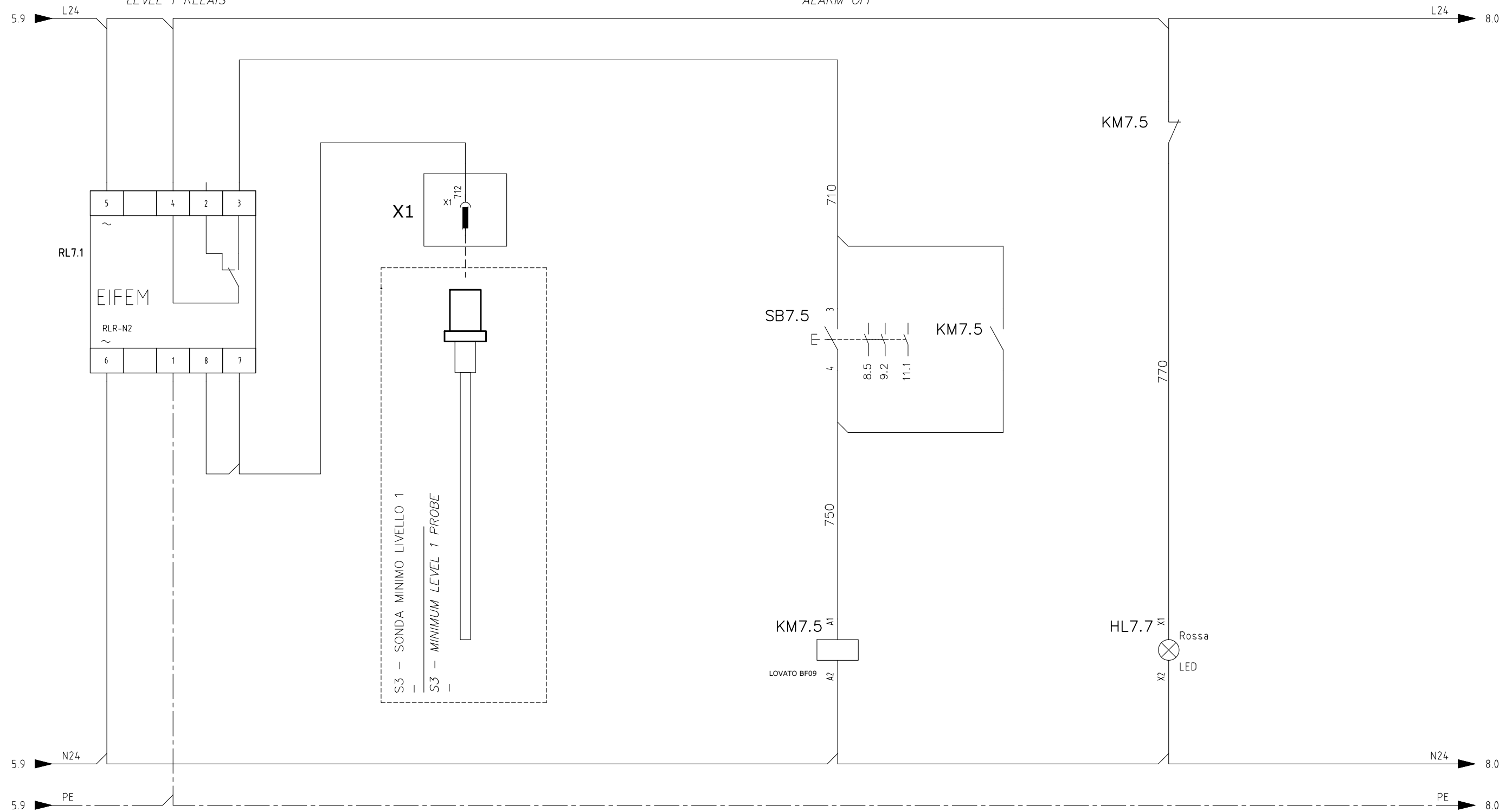
				DATA	06/09		ICI CALDAIE SpA Verona ITALY	FX ICI CALDAIE SpA	Q-FXELM-01	=	+
				DISEGN.	LB						
01	Second edition	01/11	LB	VISTO	AP						
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	FILE : Q-FXELM-01			
											FG. 6
											F.S. 7

0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9

RL7.1 RELE' DI
MINIMO LIVELLO 1
RL7.1 MINIMUM
LEVEL 1 RELAIS

SB7.5 RESET-
TACITAZIONE
SB7.5 RESET-
ALARM OFF



7.6 7.7
4.1 11.1

HL7.7 MINIMO
LIVELLO 1
HL7.7 MINIMUM
LEVEL 1

				DATA	06/09
				DISEGN.	LB
01	Second edition	01/11	LB	VISTO	AP
REV.	MODIFICA	DATA	FIRMA	APPR.	AP



ICI CALDAIE SpA
Verona ITALY

FX
ICI CALDAIE SpA
MINIMO LIVELLO 1
MINIMUM LEVEL 1

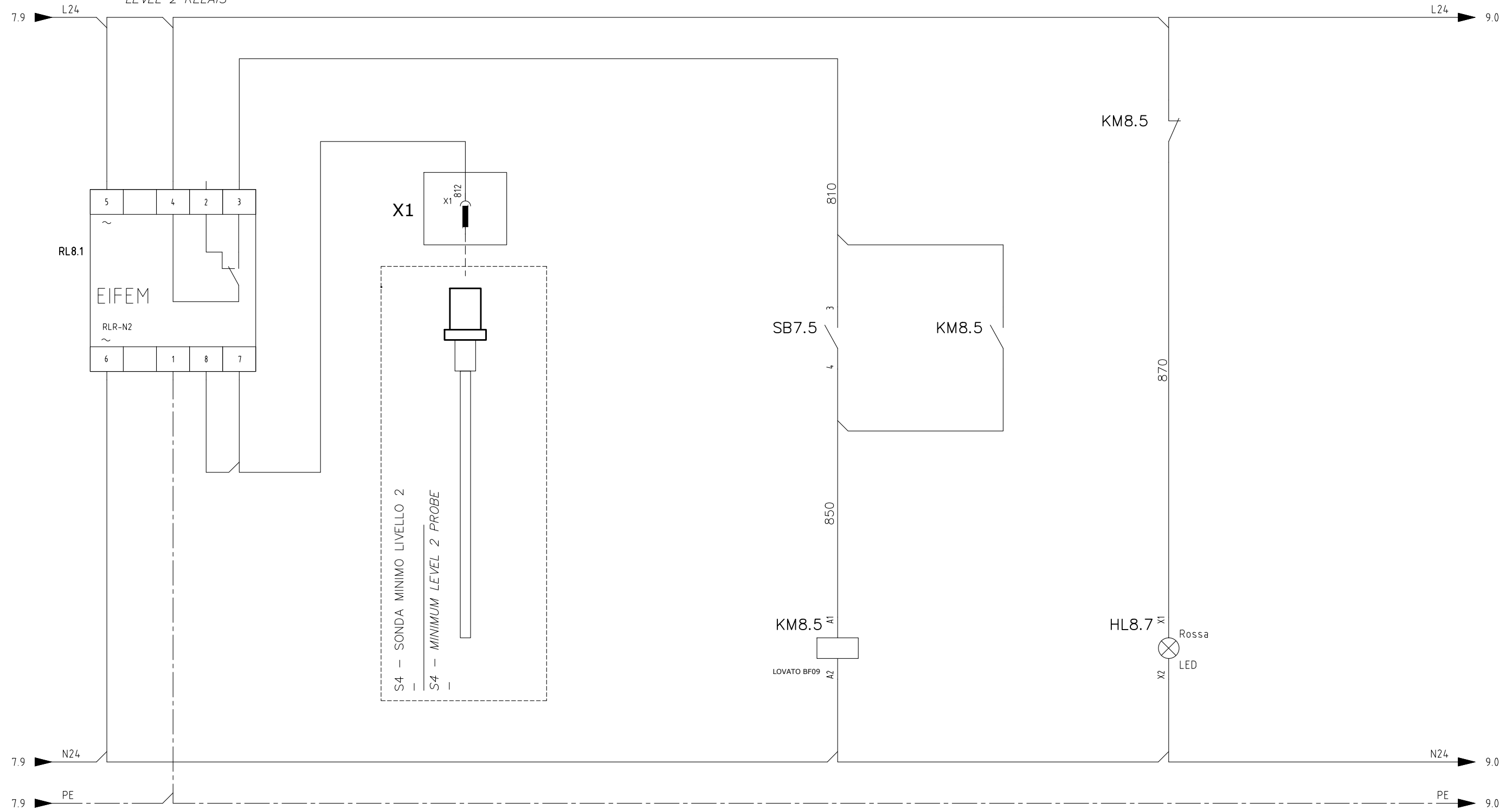
Q-FXELM-01

FG. 7
F.S. 8

0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9

RL8.1 RELE' DI
MINIMO LIVELLO 2
RL8.1 MINIMUM
LEVEL 2 RELAIS



8.6 8.7
4.3 11.2

HL8.7 MINIMO
LIVELLO 2
HL8.7 MINIMUM
LEVEL 2

				DATA	06/09
				DISEGN.	LB
01	Second edition	01/11	LB	VISTO	AP
REV.	MODIFICA	DATA	FIRMA	APPR.	AP



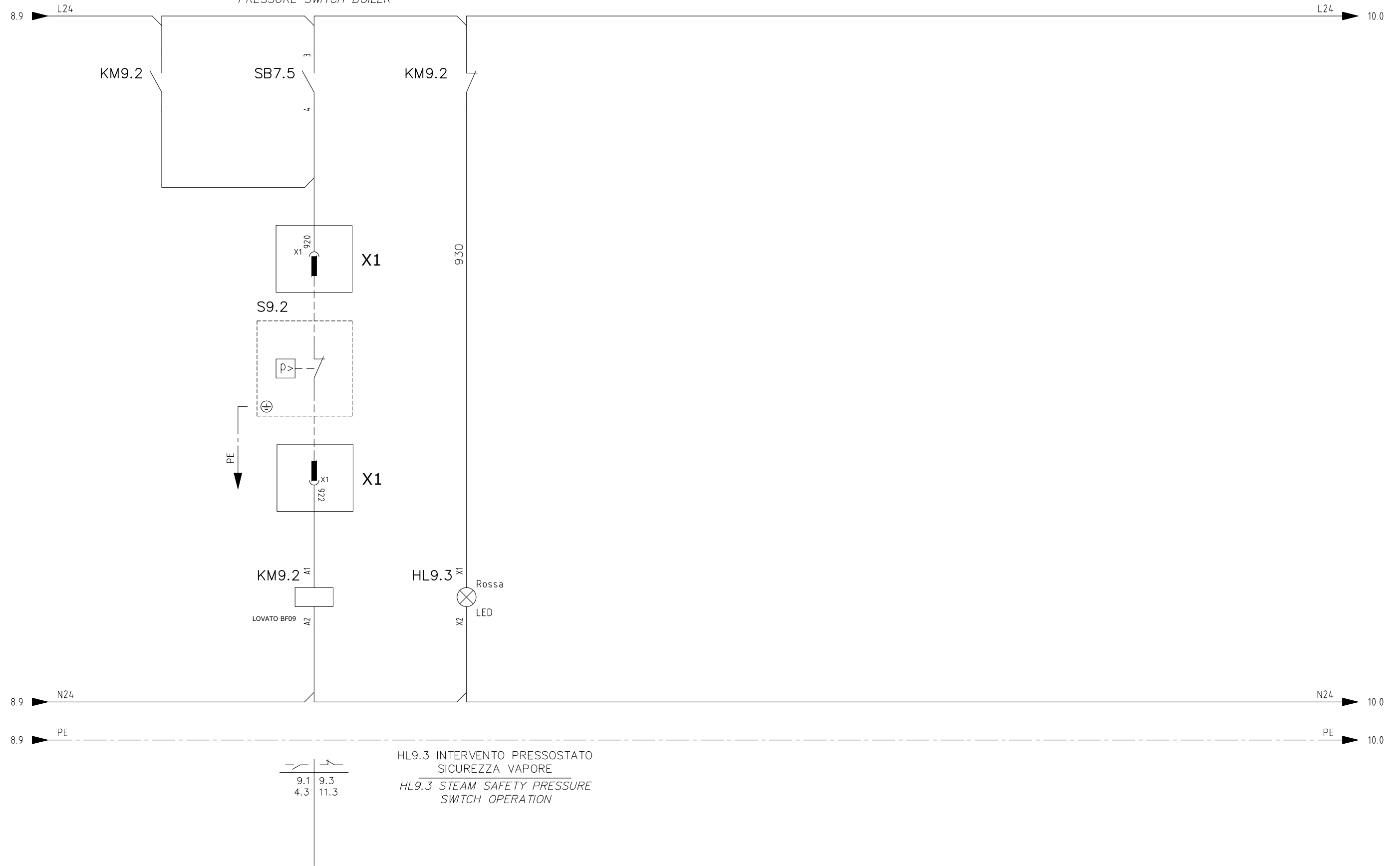
ICI CALDAIE SpA
Verona ITALY

FX
ICI CALDAIE SpA
MINIMO LIVELLO 2
MINIMUM LEVEL 2

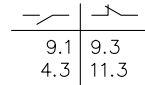
Q-FXELM-01	=
	+
	FG. 8
	F.S. 9

0 1 2 3 4 5 6 7 8 9

S9.2 PRESSOSTATO SICUREZZA
VAPORE CALDAIA
S9.2 STEAM SAFETY
PRESSURE SWITCH BOILER



HL9.3 INTERVENTO PRESSOSTATO
SICUREZZA VAPORE
HL9.3 STEAM SAFETY PRESSURE
SWITCH OPERATION



				DATA	06/09
				DISEGN.	LB
01	Second edition	01/11	LB	VISTO	AP
REV.	MODIFICA	DATA	FIRMA	APPR.	AP



ICI CALDAIE SpA
Verona ITALY

FX
ICI CALDAIE SpA
PRESSOSTATO DI SICUREZZA
SAFETY PRESSURE SWITCH

Q-FXELM-01

=	
+	
-	
	FG. 9
	F.S. 10

SOST. IL : SOST. DA :

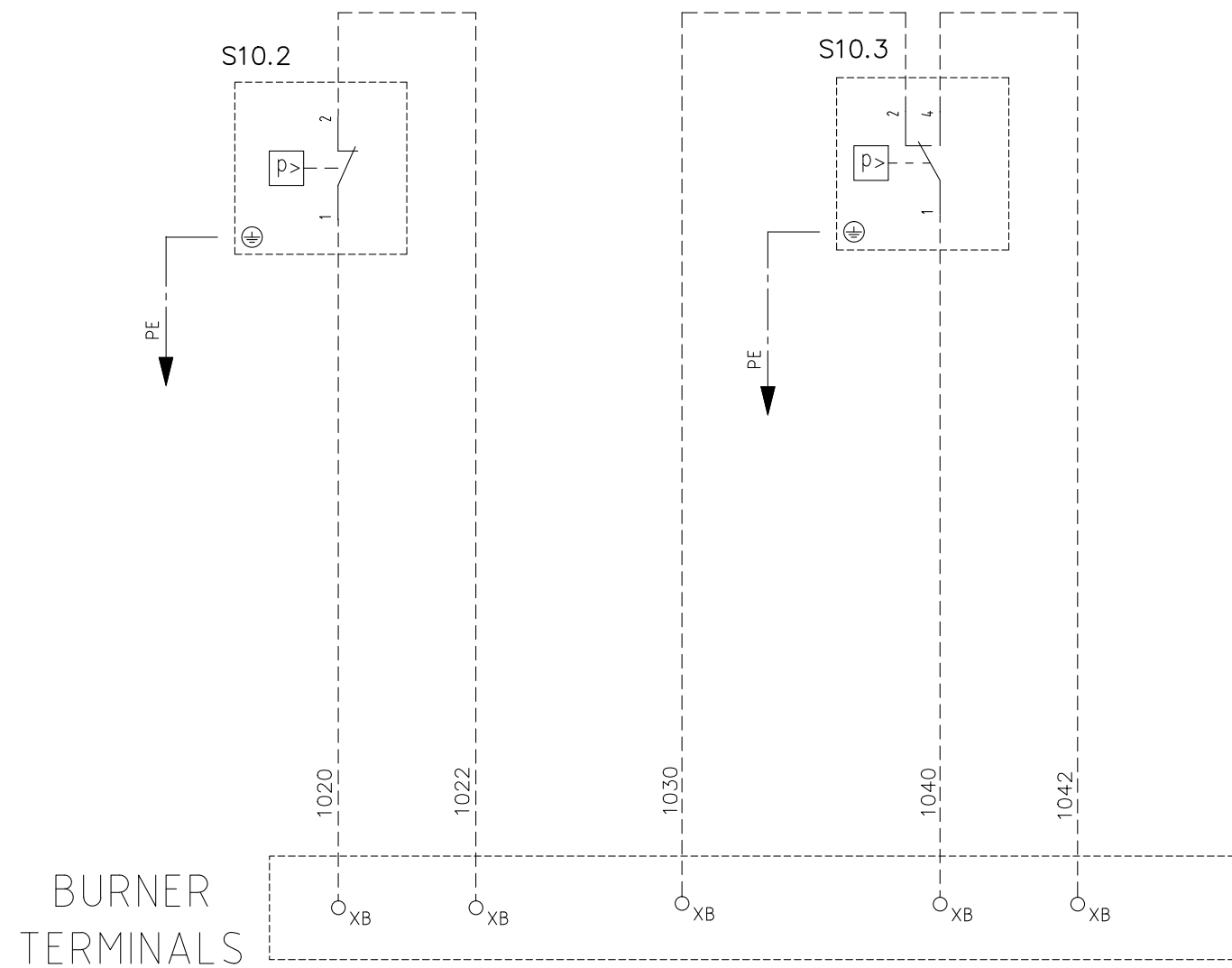
FILE : Q-FXELM-01

0 1 2 3 4 5 6 7 8 9

S10.2 PRESSOSTATO DI LIMITE
S10.2 BOILER LIMIT PRESSURE SWITCH

S10.3 PRESSOSTATO 2° STADIO BRUCIATORE
S10.3 BURNER 2° STAGE PRESSURE SWITCH

9.9 L24 11.0 L24



9.9 N24 11.0 N24

9.9 PE 11.0 PE

PRIMO STADIO BRUCIATORE
FIRST STAGE BURNER

SECONDO STADIO BRUCIATORE
SECOND STAGE BURNER

				DATA	06/09
				DISEGN.	LB
01	Second edition	01/11	LB	VISTO	AP
REV.	MODIFICA	DATA	FIRMA	APPR.	AP



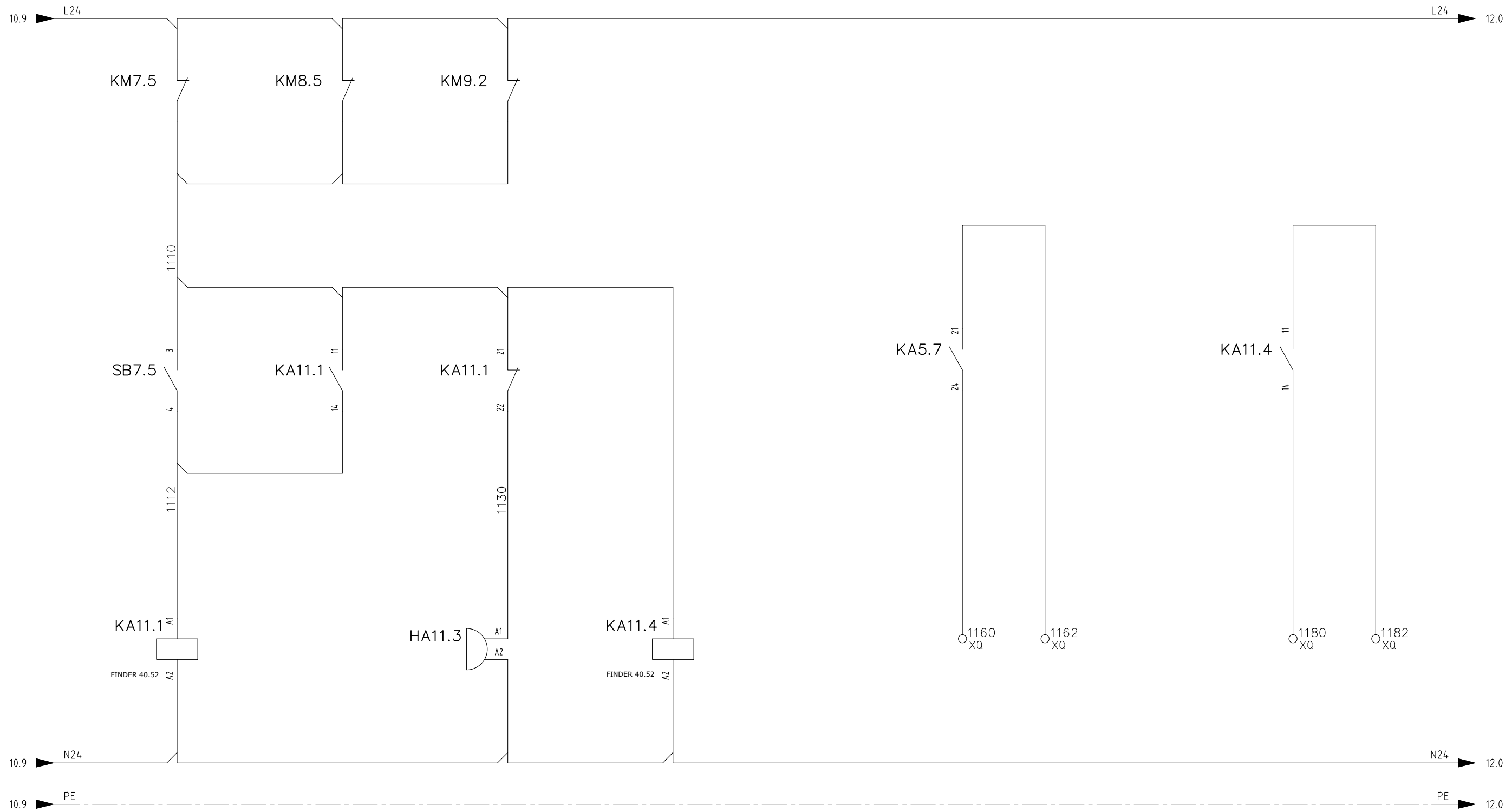
ICI CALDAIE SpA
Verona ITALY

FX
ICI CALDAIE SpA
COMANDI BRUCIATORE
BURNER CONTROLS

Q-FXELM-01	=
	+
	-
	FG. 10
	F.S. 11

0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9



11 14 11.2 11.3 21 22

HA11.3 ALLARME ACUSTICO
HA11.3 ACOUSTIC ALARM

11 14 11.8

CONSENSO POMPA DOSATRICE O VALVOLA ASPIRAZIONE
DOSATING PUMP CONTROL OR PUMP VALVE CONTROL

CUMULATIVO ALLARMI
ALARMS CUMULATIVE

				DATA	06/09
				DISEGN.	LB
01	Second edition	01/11	LB	VISTO	AP
REV.	MODIFICA	DATA	FIRMA	APPR.	AP



ICI CALDAIE SpA
Verona ITALY

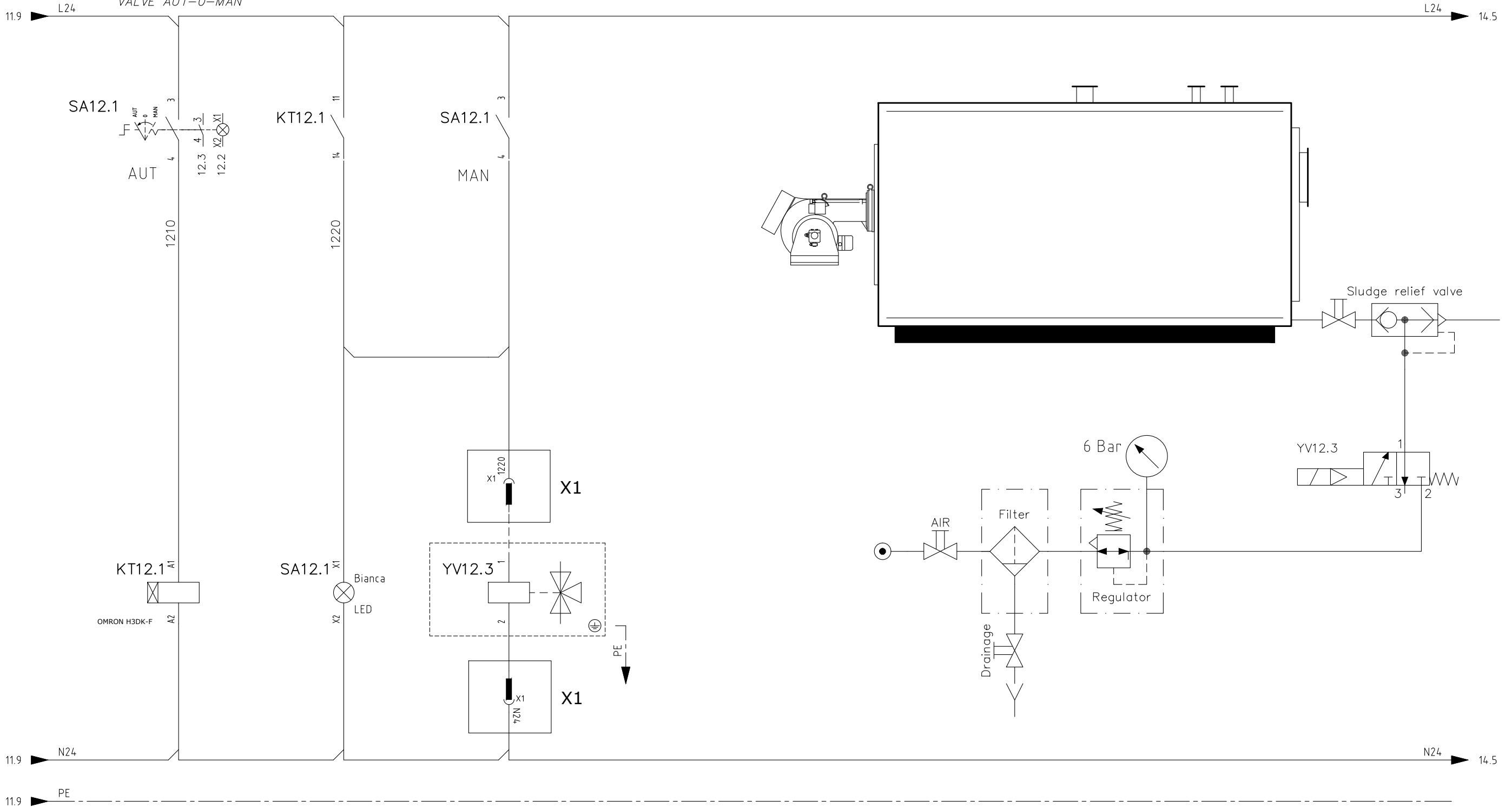
FX
ICI CALDAIE SpA
ALLARMI
ALARMS

Q-FXELM-01	=
	+
	-
	FG. 11
	F.S. 12

0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9

SA12.1 SELETTORE VALVOLA
DEFANGATRICE AUT-0-MAN (rit. DX)
SA12.1 BLOWDOWN
VALVE AUT-0-MAN



SA12.1 SEGNALAZIONE VALVOLA
IN FUNZIONE
SA12.2 BLOWDOWN
VALVE ON

YV12.3 ELETTROVALVOLA DI COMANDO
VALVOLA DEFANGATRICE
YV12.3 ELECTRO-VALVE OF
BLOWDOWN VALVE

				DATA	06/09
				DISEGN.	LB
01	Second edition	01/11	LB	VISTO	AP
REV.	MODIFICA	DATA	FIRMA	APPR.	AP



ICI CALDAIE SpA
Verona ITALY

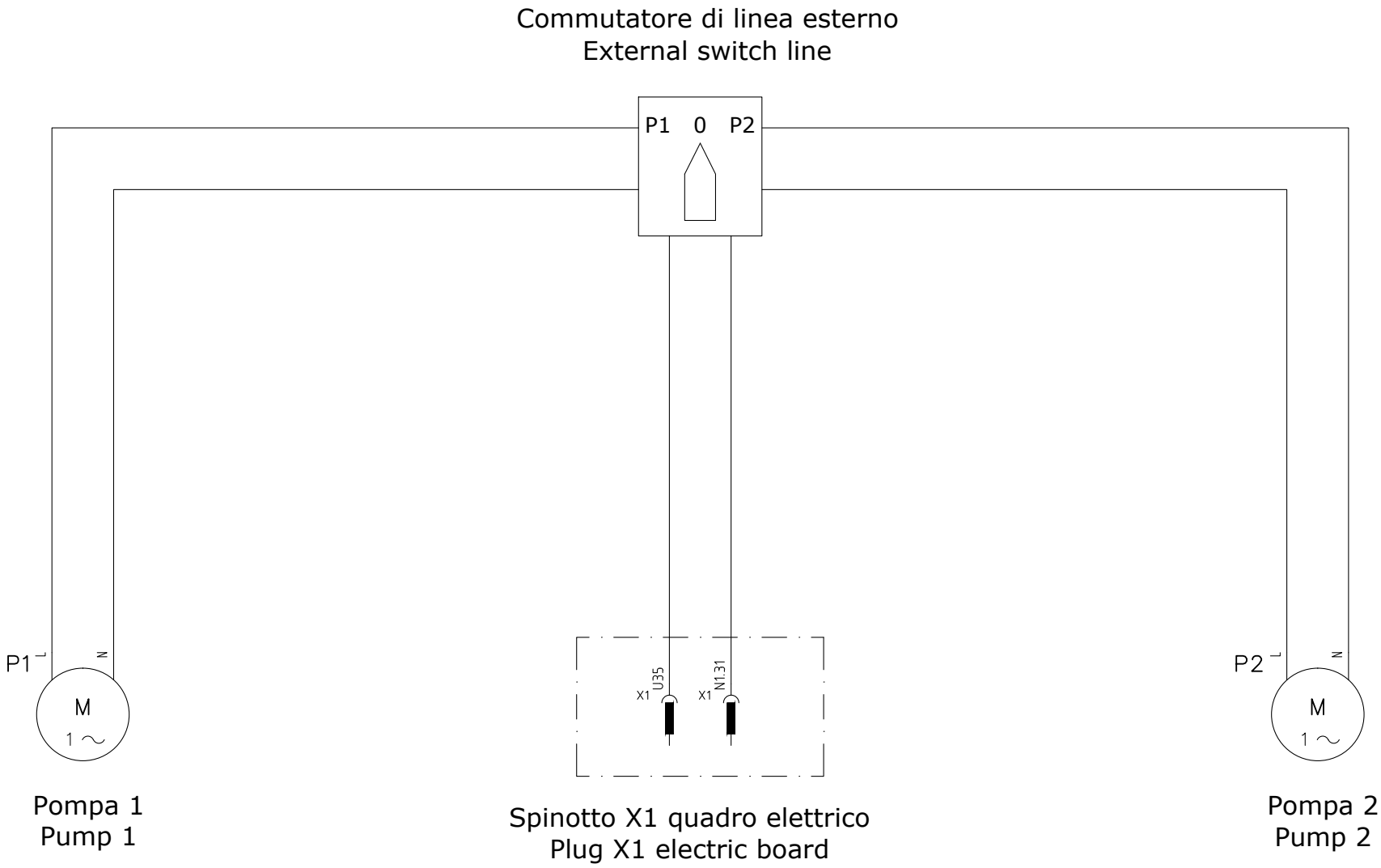
FX
ICI CALDAIE SpA
VALVOLA DEFANGATRICE
BLOWDOWN VALVE

Q-FXELM-01

FG. 12
F.S. 13

0 1 2 3 4 5 6 7 8 9

OPZIONE: SECONDA POMPA OPTION: SECOND PUMP



				DATA	06/09
				DISEGN.	LB
01	Second edition	01/11	LB	VISTO	AP
REV.	MODIFICA	DATA	FIRMA	APPR.	AP



ICI CALDAIE SpA
Verona ITALY

FILE : Q-FXELM-01

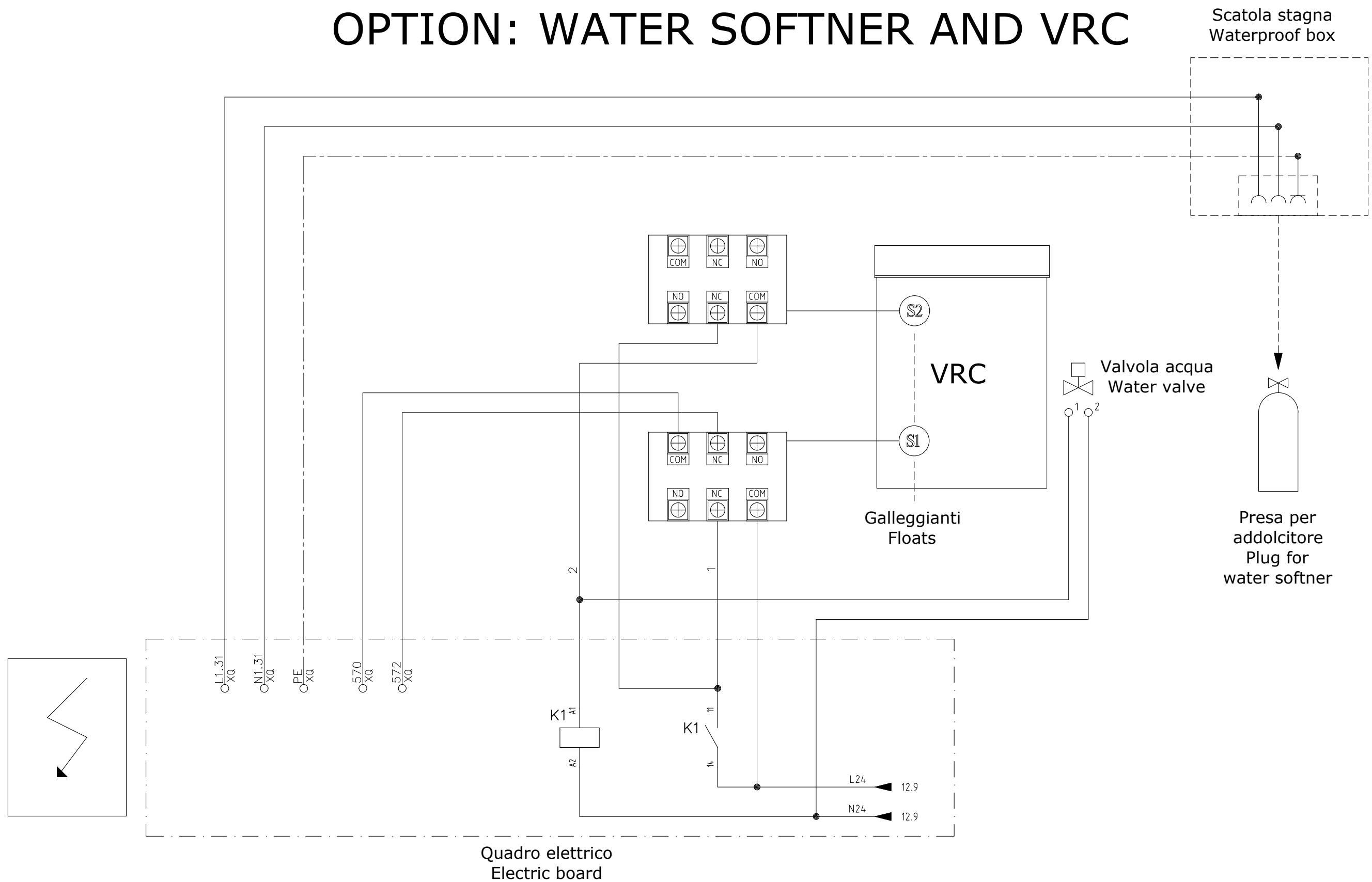
FX
ICI CALDAIE SpA
OPZIONE: SECONDA POMPA
OPTION: SECOND PUMP

Q-FXELM-01

FG.	13
F.S.	14

OPZIONE: ADDOLCITORE E VRC

OPTION: WATER SOFTNER AND VRC



				DATA	06/09
				DISEGN.	LB
01	Second edition	01/11	LB	VISTO	AP
REV.	MODIFICA	DATA	FIRMA	APPR.	AP



ICI CALDAIE SpA
Verona ITALY

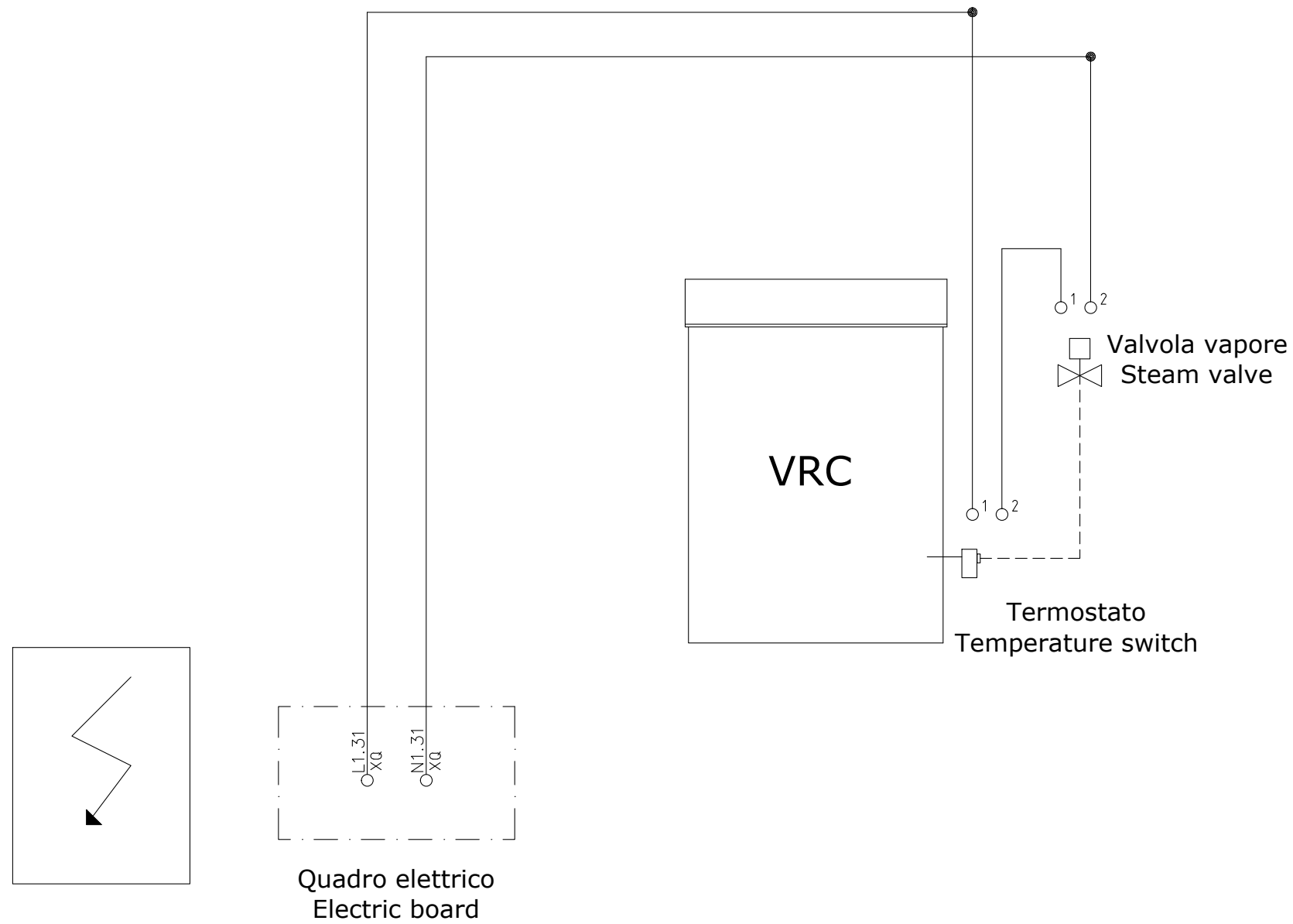
FX
ICI CALDAIE SpA
OPZIONE: ADDOLCITORE E VRC
OPTION: WATER SOFTNER AND VRC

Q-FXELM-01

FG. 14
F.S. 15

OPZIONE: PRE-RISCALDO VRC

OPTION: PRE-HEATER VRC



				DATA	06/09
				DISEGN.	LB
01	Second edition	01/11	LB	VISTO	AP
REV.	MODIFICA	DATA	FIRMA	APPR.	AP



ICI CALDAIE SpA
Verona ITALY

FX
ICI CALDAIE SpA
OPZIONE: PRE-RISCALDO VRC
OPTION: PRE-HEATER VRC

Q-FXELM-01

FG. 15
F.S. -