



Generatore di vapore BBNX-BNX

Steam boiler BBNX-BNX

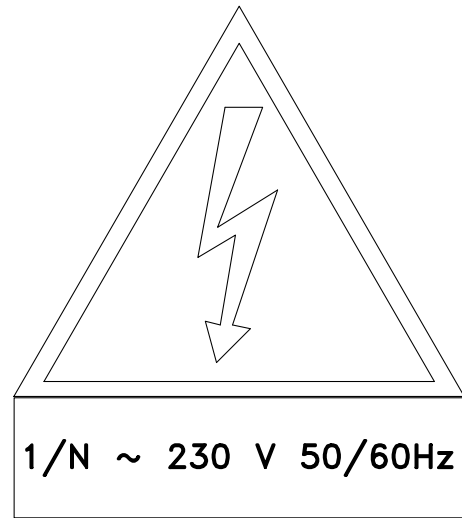
www.icicaldaie.com

				DATA	09/17		ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNI01-1G	=
				DISEGN.	FST					
00	First edition	09/17	FST	VISTO	AP			Presentazione		FG. 1
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	FILE : QBNXUNI01-1G		F.S. 2

Non è permesso consegnare a terzi o riprodurre questo documento né, utilizzare il contenuto o renderlo comunque noto a terzi senza la nostra autorizzazione esplicita. Ogni infrazione comporta il risarcimento dei danni subiti. E' fatta riserva di tutti i diritti derivati da brevetti o modelli.

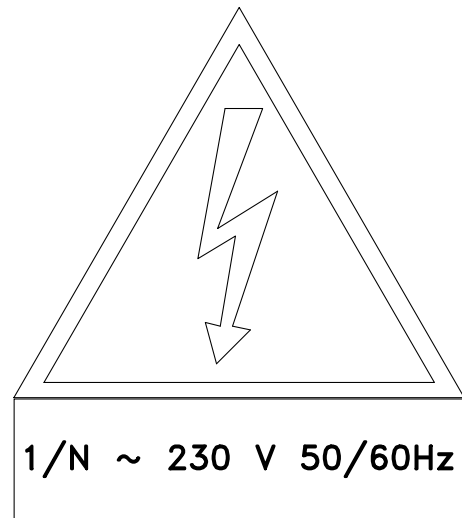
Copying of this document, and giving it to other and the use or communication of the contents thereof, are forbidden without express authority. Offenders are liable to the payment of damages. All rights are reserved in the event of the grant of a patent or the registration of a utility model or design.

PROGETTO BANCA DIS. TIPICO
 PROGETTO BANCA DIS. TIPICO



1/N ~ 230 V 50/60Hz

English



1/N ~ 230 V 50/60Hz

Italiano


DESIGN	ICI CALDAIE SpA	WORKING VOLTAGE	1/N~230V 50/60Hz	NORMS	-	PROTECTIONS		
SERIAL	Steam boiler	CONTROL VOLTAGE	1/N~24V 50/60Hz	ICI CALDAIE				
JOB	-	SIGNALS VOLTAGE						
CLIENT	-	MAX CURRENT	see page 3					
THERMAL ROOM		MAX POWER	see page 3	STRUCTURAL FEATURE	-	MAX CURRENT	lcc KA	
				BOARD NUMBER	-	REMARKS	Protect the board in accordance with local norms	
				DATA	FIRME	<i>BBNX-BNX 100-150-350</i> <i>ICI CALDAIE Spa</i>		
				DIS.	09/17			FST
				VISTO	09/17			AP
				APPROV.	09/17	AP		
						QBNXUNI01-1G	FOGLIO 1	
00	First edition	09/17	FST				T.F. 37	
REV.	MODIFICA	DATA	FIRME	SOST. DA	SOST. IL	FILE : QBNXUNI01-1G		

PROGETTAZIONE	ICI CALDAIE SpA	TENSIONE ESERCIZIO	1/N~230V 50/60Hz	NORME	-	PROTEZIONI		
SERIE	Generatore di vapore	TENSIONE COMANDI	1/N~ 24V 50/60Hz	ICI CALDAIE				
COMMESSA	-	TENSIONE SEGNALI						
COMMITTENTE	-	CORRENTE MASSIMA	vedi pag.3					
DESTINATARIO		POTENZA MASSIMA	vedi pag.3	CARATTERISTICHE - CARPENTERIA	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	<i>BBNX-BNX 100-150-350</i> <i>ICI CALDAIE Spa</i>		
				DIS.	09/17			FST
				VISTO	09/17			AP
				APPROV.	09/17	AP		
						QBNXUNI01-1G	FOGLIO 1	
00	Prima edizione	09/17	FST				T.F. 37	
REV.	MODIFICA	DATA	FIRME	SOST. DA	SOST. IL	FILE : QBNXUNI01-1G		

		DATA	09/17	ICI CALDAIE	ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	<i>BBNX-BNX 100-150-350</i> <i>ICI CALDAIE Spa</i>	QBNXUNI01-1G	=
		DISEGN.	FST					
00	First edition	09/17	FST	VISTO	AP	Dati progetto Design data		FG. 2
REV.	MODIFICA	DATA	FIRMA	APPR.	AP			F.S. 3

Potenza elettrica Electric power

BBNX-BNX 100-150-350	Bruciatore MAX 1KW-6A Burner MAX 1KW-6A	Pompa carico MAX 0.37KW-2A Feed pump MAX 0.37KW-2A	TOTAL 1.5KW - 8A
-------------------------	--	---	---------------------

				DATA	09/17		ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	<i>BBNX-BNX 100-150-350</i> ICI CALDAIE Spa	QBNXUNIO1-1G	=	
				DISEGN.	FST						+
00	First edition	09/17	FST	VISTO	AP						-
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	FILE : QBNXUNIO1-1G		F.S. 4	


Multifoglio/File	Fg/Sh	Descrizione	Description
QBNXUNI01-1G	1	Presentazione	Presentation
	2	Dati progetto	Design data
	3	Potenza	Power
	4	Lista fogli	Sheets list
	5	Dati progetto	Design data
	6	Lay-out esterno quadro	External lay-out
	7	Lay-out interno quadro	Internal lay-out
	8	Potenza quadro	Board power supply
	9	Potenza	Power
	10	Alimentazione ausiliari	Auxiliaries supply
	11	Pompe di carico	Feed pumps
	12	Brucciato	Burner
	13	Riserva	Spare
	14	Riserva	Spare
	15	Circuiti di sicurezza	Safety circuits
	16	Minimo livello 1	Minimum level 1
	17	Minimo livello 2	Minimum level 2
	18	Pressostato di sicurezza	Safety pressure switch
	19	Canale di sicurezza 1	Safety channel 1
	20	Riserva	Spare
	21	Segnali	Signals
	22	Circuiti di comando	Control circuits
	23	Massimo livello	Maximum level
	24	Controllo livello	Level controls
	25	Pressostati	Pressure switches
	26	Riserva	Spare
	27	Visualizzatore allarmi	Alarms viewer
	28	Visualizzatore allarmi	Alarms viewer
	29	Opzione: Scarico fanghi	Option: blowdown valve
	29A	Spurgo fanghi	Blowdown valve
	30	Opzione: seconda pompa	Option: second pump
	30A	Commutatore esterno	External switch
	31	Opzione: Max livello OFF bruciatore	Option: Max level OFF burner
	31A	Max livello OFF bruciatore	Max level OFF burner
	32	Lista morsetti	Terminals list
	33	Traduzioni	Terminals list
	34	Traduzioni	Terminals list

Lista morsettiere
Terminals list
ПЕРЕЧЕНЬ КЛЕММНЫХ КОРОБОК
Liste des terminaux
Lista de terminales

XQ	Morsettiera quadro Board terminals КЛЕММНАЯ КОРОБКА ШКАФА Terminaux de la carte Terminales del panel de control
XB	Morsettiera bruciatore Burner terminals КЛЕММНАЯ КОРОБКА ГОРЕЛКИ Bloc de bornes du brûleur Terminales del quemador

DATI DI PROGETTO/DESIGN DATA/ПРОЕКТНЫЕ ДАННЫЕ/DONNEES DU PROJET/DATOS

<p align="center">TENSIONE ESERCIZIO WORKING VOLTAGE РАБОЧЕЕ НАПРЯЖЕНИЕ TENSION DE FONCTIONNEMENT VOLTAJE DE FUNCIONAMIENTO</p>	<p align="center">Di serie/As a standard/Как стандарт/En standard/Como un estándar 1/N~50/60Hz 230V A Richiesta/On demand/По требованию/À la demande/a petición 1/N~50/60Hz 200-250V</p>	<p align="center">PAGINA 10 SEE PAGE 10 СМ.СТРАНИЦА 10 VOIR PAGE 10 VER PÁGINA 10</p>
<p align="center">TENSIONE COMANDO CONTROL VOLTAGE НАПРЯЖЕНИЕ УПРАВЛЕНИЯ TENSION DE CONTRÔLE VOLTAJE DE CONTROL</p>	<p align="center">1/N~50/60Hz 24V</p>	
<p align="center">CORRENTE MASSIMA MAX CURRENT МАКСИМАЛЬНЫЙ ТОК COURANT MAXIMUM CORRIENTE MÁXIMA</p>	<p align="center">8A</p>	<p align="center">PAGINA 3 SEE PAGE 3 СМ.СТРАНИЦА 3 VOIR PAGE 3 VER PÁGINA 3</p>
<p align="center">POTENZA MASSIMA MAX POWER МАКСИМАЛЬНАЯ МОЩНОСТЬ PUISSANCE MAXIMALE POTENCIA MÁXIMA</p>	<p align="center">1,5kW</p>	<p align="center">PAGINA 3 SEE PAGE 3 СМ.СТРАНИЦА 3 VOIR PAGE 3 VER PÁGINA 3</p>

				DATA	09/17		ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNIO1-1G	=	
				DISEGN.	FST						
00	First edition	09/17	FST	VISTO	AP						FG. 5
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	FILE : QBNXUNIO1-1G			F.S. 6

0 1 2 3 4 5 6 7 8 9

A

A

B

B

C

C

D


D

E

E

F

F

				DATA	09/17		ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNIO1-1G	=	+	
				DISEGN.	FST							
00	First edition	09/17	FST	VISTO	AP							
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	FILE : QBNXUNIO1-1G	Lay-out esterno quadro External lay-out			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

A

A

B

B

C

C

D


D

E

E

F


F

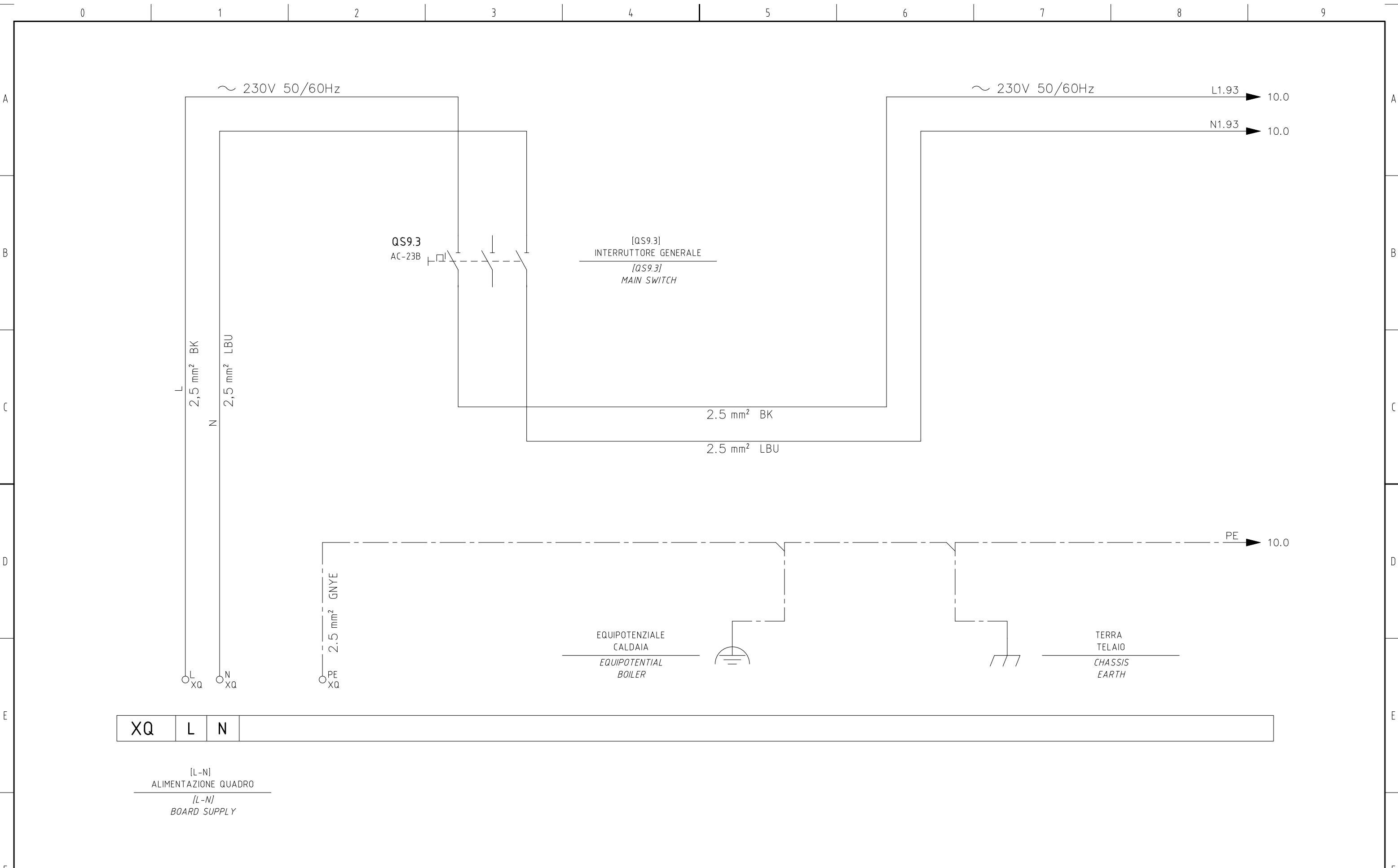
				DATA	09/17		ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNIO1-1G	=	+	
				DISEGN.	FST							
00	First edition	09/17	FST	VISTO	AP							
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	FILE : QBNXUNIO1-1G	Lay-out interno quadro Internal lay-out			FG. 7
										-		F.S. 8

0 1 2 3 4 5 6 7 8 9

Potenza quadro

Board power supply

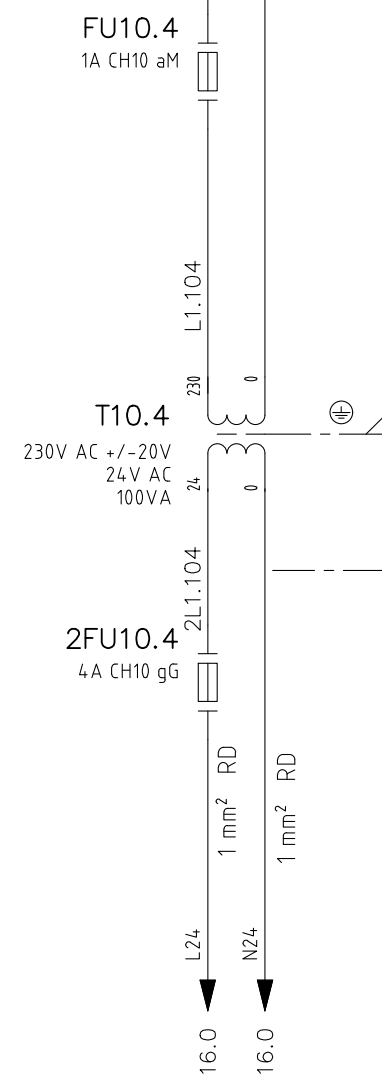
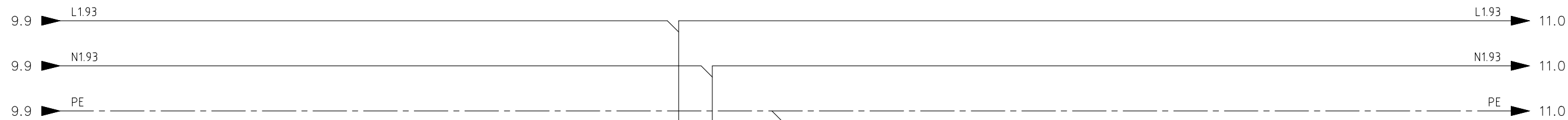
				DATA	09/17		ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	<i>BBNX-BNX 100-150-350</i> ICI CALDAIE Spa	QBNXUNIO1-1G	= +					
00	First edition	09/17	FST	VISTO	AP										FG. 8
REV.	MODIFICA	DATA	FIRMA	APPR.	AP						SOST. IL :	SOST. DA :	FILE : QBNXUNIO1-1G		



XQ	L	N
----	---	---

[L-N]
ALIMENTAZIONE QUADRO
[L-N]
BOARD SUPPLY

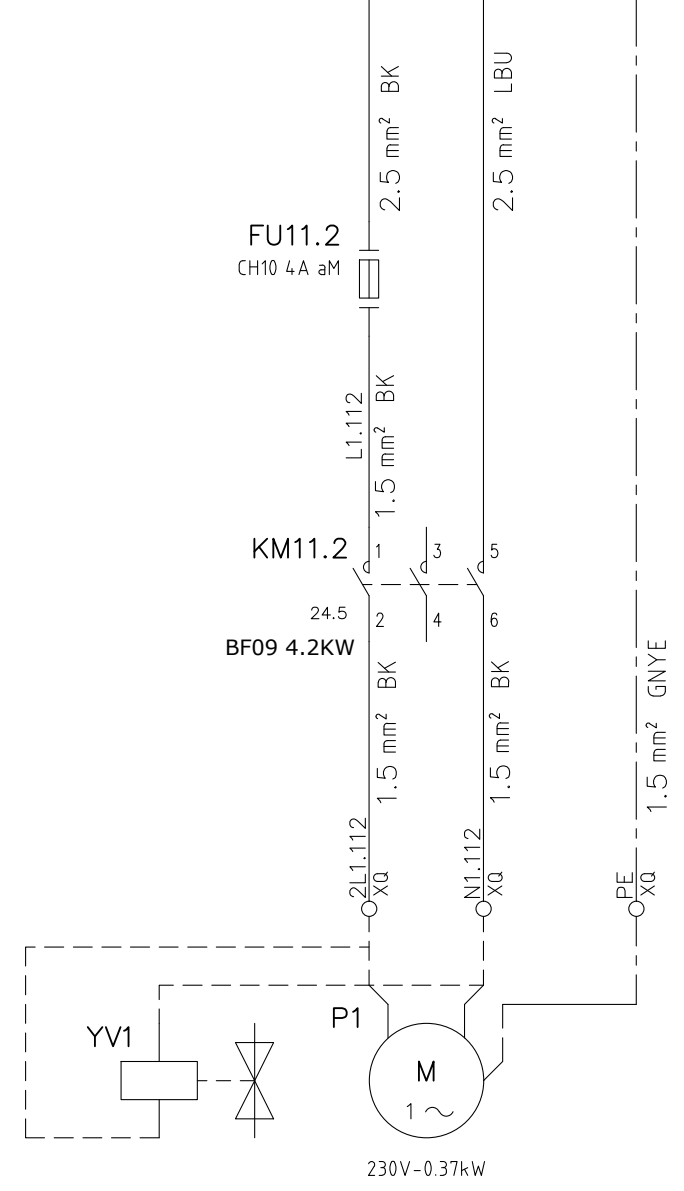
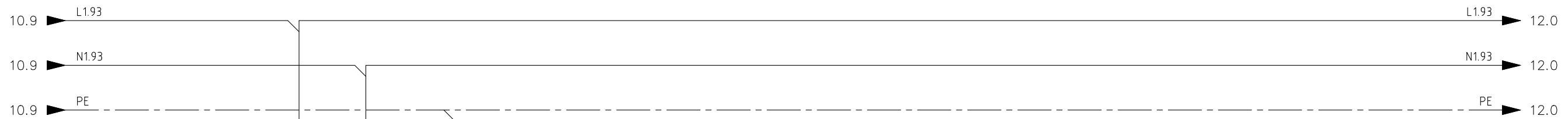
				DATA	09/17	ICICALDAIE	ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNI01-1G	=	+
				DISEGN.	FST						
00	First edition	09/17	FST	VISTO	AP			Potenza			FG. 9
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	Power		-	F.S. 10



TERMINALI COLLEGABILI/CONNECTING
 TERMINALS/ПОДКЛЮЧЕНИЕ ТЕРМИНАЛОВ/TERMINAUX DE
 CONNEXION/CONEXIÓN DE TERMINALES

Tensioni F-N Voltage F -N Напряжение F-N Tension F-N Voltaje F-N	+20	0	-20	220	230
200V			X	X	
210V			X		X
220V		X		X	
230V		X			X
240V	X			X	
250V	X				X

XQ



BBNX-BNX
100-150-350

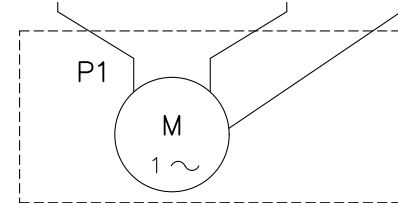
Pompa 0.37KW Pump 0.37KW	2A
-----------------------------	----

ATTENZIONE!
POMPA DI CARICO
CON PROTEZIONE
INERNA

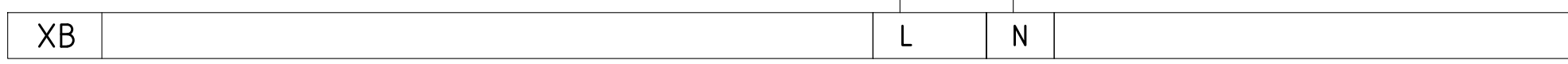
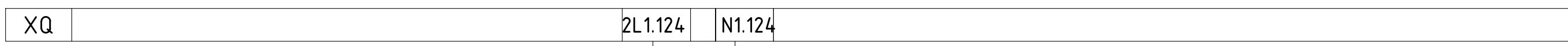
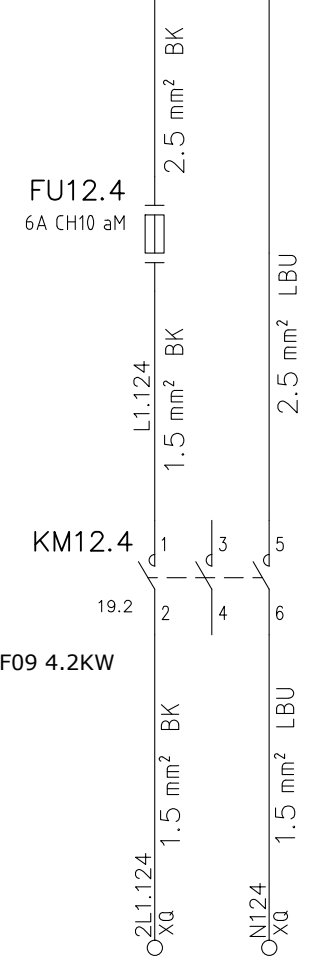
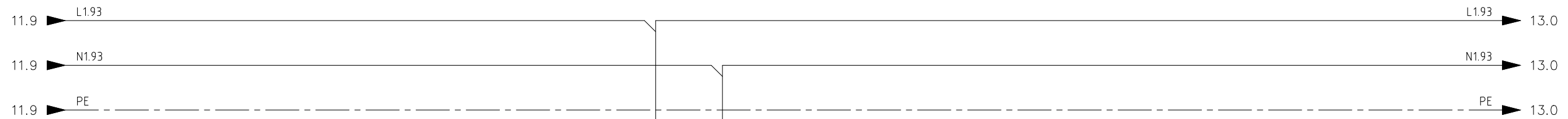
ATTENTION!
FEEDING PUMP
WITH INNER
PROTECTION



[P1]
POMPA CARICO
[P1]
FEEDING PUMP



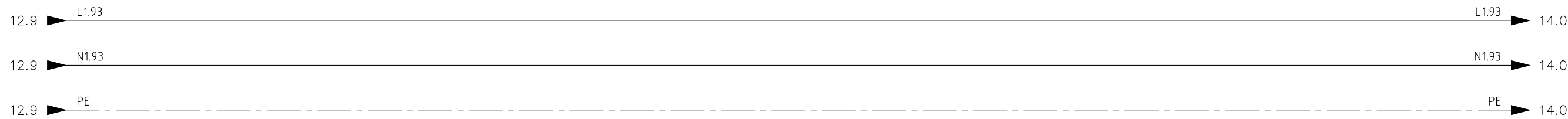
				DATA	09/17	ICICALDAIE	ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNIO1-1G	=	+
				DISEGN.	FST						
00	First edition	09/17	FST	VISTO	AP			Pompe di carico Feed pumps			FG. 11
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	FILE : QBNXUNIO1-1G			F.S. 12



ALIMENTAZIONE AUSILIARI
BRUCIATORE [1/N~230V 50Hz]
 BURNER AUXILIARIES
POWER SUPPLY [1/N~230V 50Hz]

				DATA	09/17	ICICALDAIE	ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNIO1-1G	=
				DISEGN.	FST					+
00	First edition	09/17	FST	VISTO	AP			Bruciatore		FG. 12
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	Burner		F.S. 13

0 1 2 3 4 5 6 7 8 9

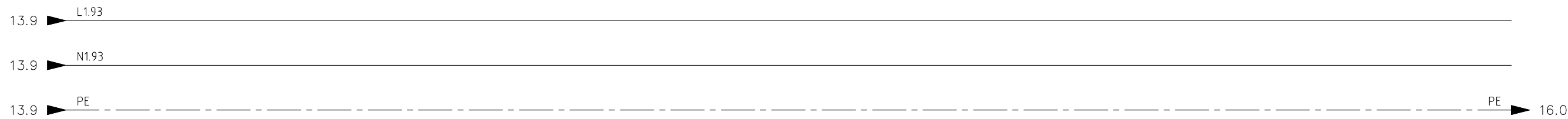


XQ

				DATA	09/17		ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNIO1-1G	=			
				DISEGN.	FST								+
00	First edition	09/17	FST	VISTO	AP								
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	FILE : QBNXUNIO1-1G		-	F.S. 14		

0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9




XQ

				DATA	09/17		ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNIO1-1G	=			
				DISEGN.	FST								+
00	First edition	09/17	FST	VISTO	AP								
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	FILE : QBNXUNIO1-1G		-	F.S. 15		

0 1 2 3 4 5 6 7 8 9

Circuiti di sicurezza

Safety circuits

				DATA	09/17		ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNIO1-1G	=			
				DISEGN.	FST								+
00	First edition	09/17	FST	VISTO	AP								
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	FILE : QBNXUNIO1-1G		-	F.S. 16		

0 1 2 3 4 5 6 7 8 9

A 10.4 L24 17.0 L24

B RL16.1 SB16.5 KA16.5

C

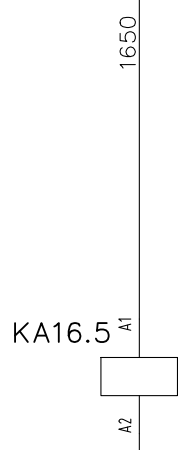
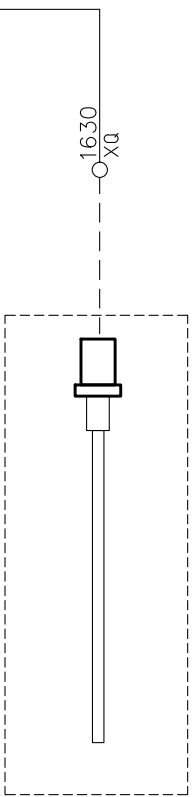
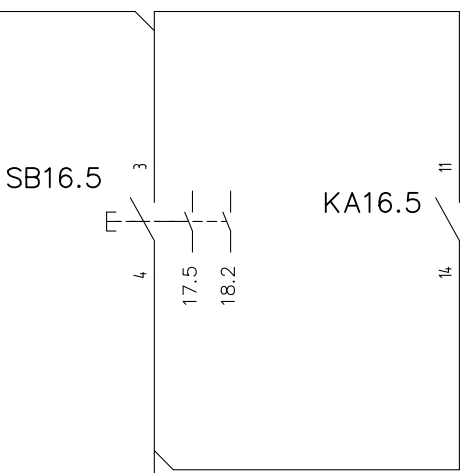
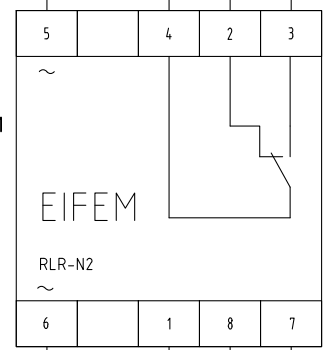
D

E XQ 1630

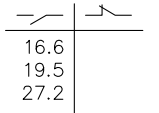
F

[RL16.1] RELE' DI
MINIMO LIVELLO 1
[RL16.1]
MINIMUM LEVEL RELAIS 1

[SB16.5] PULSANTE RIPRISTINO
ALLARMI
SB16.5 ALARM RESET
PUSH BUTTOM



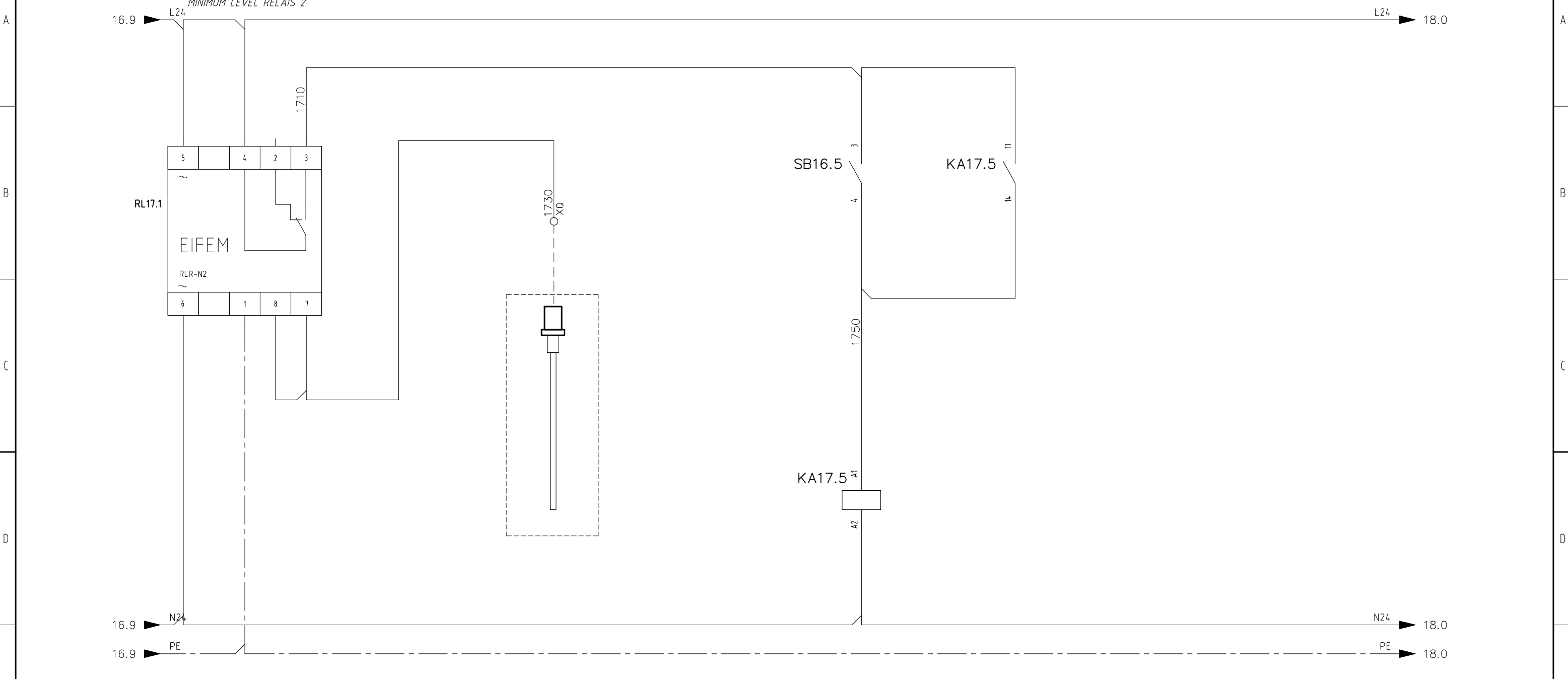
S3 - SONDA
MINIMO LIVELLO 1
S3 - SAFETY
LEVEL PROBE 1



				DATA	09/17	ICICALDAIE	ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNI01-1G	=	+
				DISEGN.	FST						
00	First edition	09/17	FST	VISTO	AP			Minimo livello 1 Minimum level 1			FG. 16
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	FILE : QBNXUNI01-1G			F.S. 17

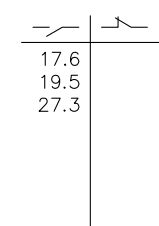
0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9



XQ	1730
----	------

S4 - SONDA MINIMO LIVELLO 2
S4 - SAFETY LEVEL PROBE 2



				DATA	09/17	ICI CALDAIE	ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNIO1-1G	=
				DISEGN.	FST					+
00	First edition	09/17	FST	VISTO	AP			Minimo livello 2 Minimum level 2		FG. 17
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	FILE : QBNXUNIO1-1G		F.S. 18

0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9

A 17.9 L24 19.0 L24

B S18.2

C SB16.5 KA18.2

D KA18.2

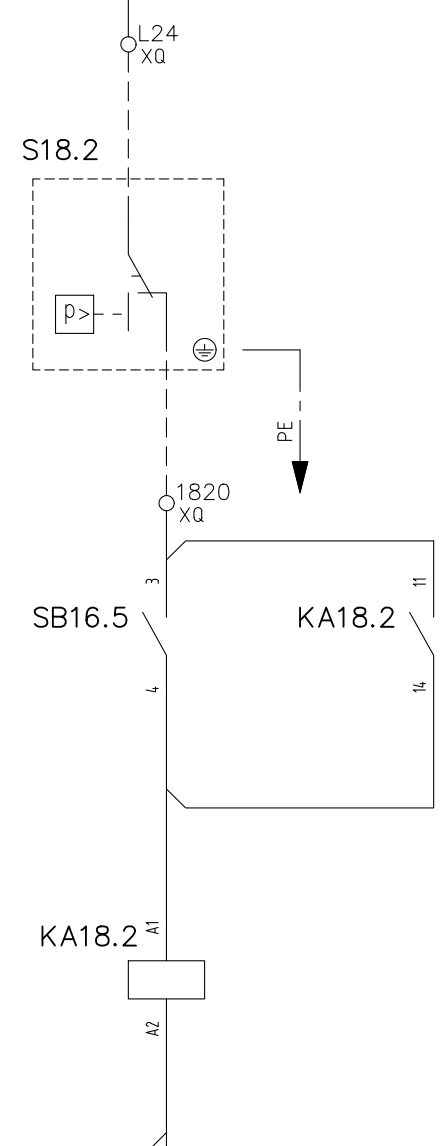
E 17.9 N24 19.0 N24

E 17.9 PE 19.0 PE

E XQ L24 1820

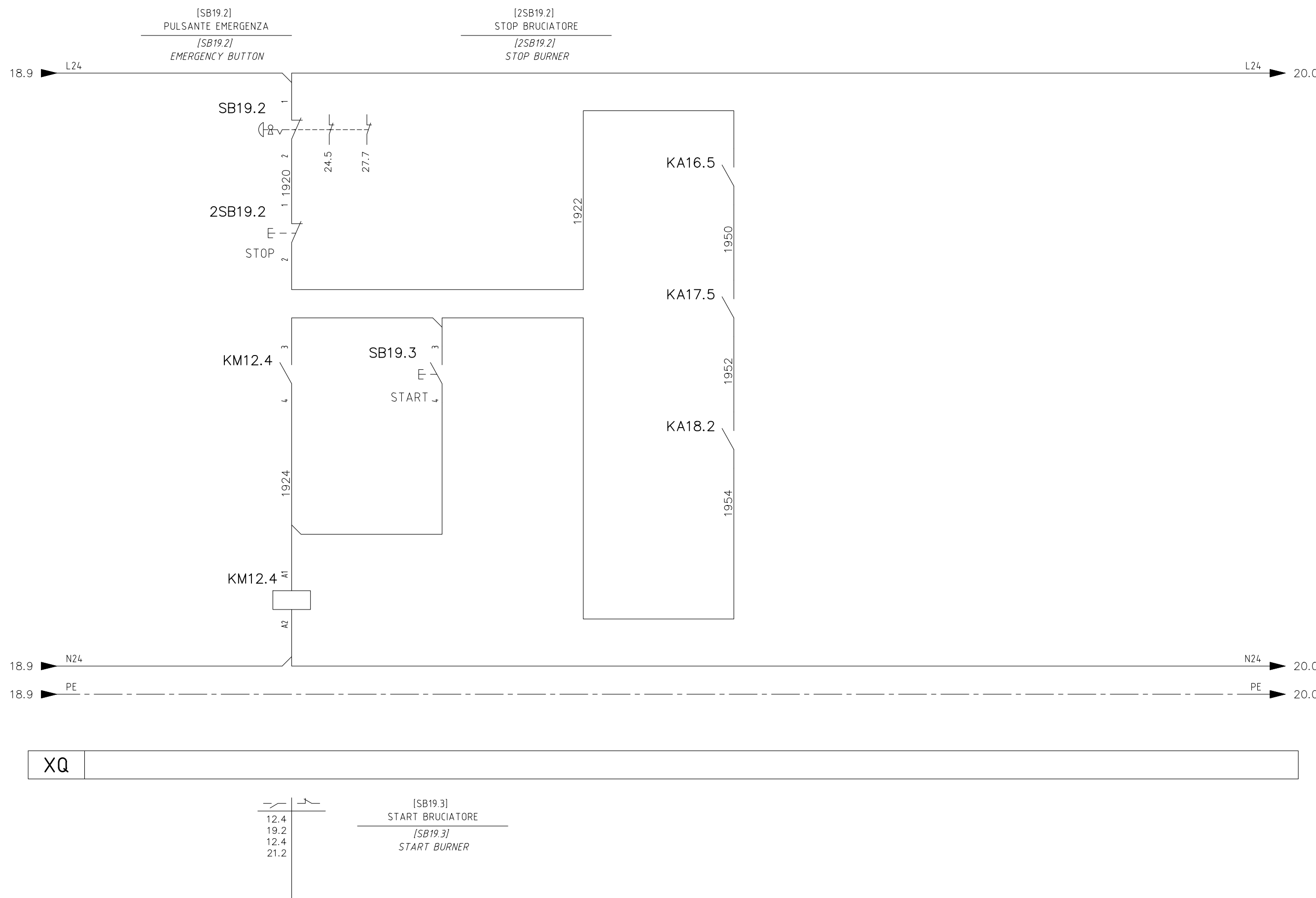
18.3
19.5
27.4

[S18.2]
PRESSOSTATO DI SICUREZZA
[S18.2] SAFETY
PRESSURE SWITCH



				DATA	09/17	ICICALDAIE	ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNIO1-1G	=
				DISEGN.	FST					+
00	First edition	09/17	FST	VISTO	AP			Pressostato di sicurezza Safety pressure switch		FG. 18
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :			F.S. 19

0 1 2 3 4 5 6 7 8 9



				DATA	09/17	ICICALDAIE	ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNIO1-1G	=
				DISEGN.	FST					+
00	First edition	09/17	FST	VISTO	AP			Canale di sicurezza 1		FG. 19
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	FILE : QBNXUNIO1-1G		F.S. 20

0 1 2 3 4 5 6 7 8 9

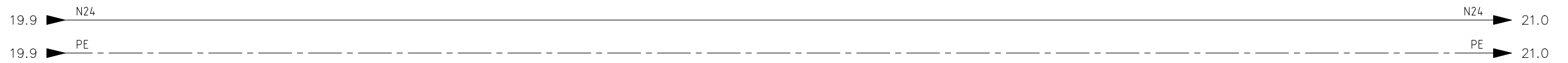
A



B

C


D



E

XQ

F

				DATA	09/17		ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	<i>BBNX-BNX 100-150-350</i> ICI CALDAIE Spa	QBNXUNIO1-1G	=			
				DISEGN.	FST								+
00	First edition	09/17	FST	VISTO	AP								
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	FILE : QBNXUNIO1-1G		-	F.S. 21		

0 1 2 3 4 5 6 7 8 9

A

B

C

D

E

F




XQ

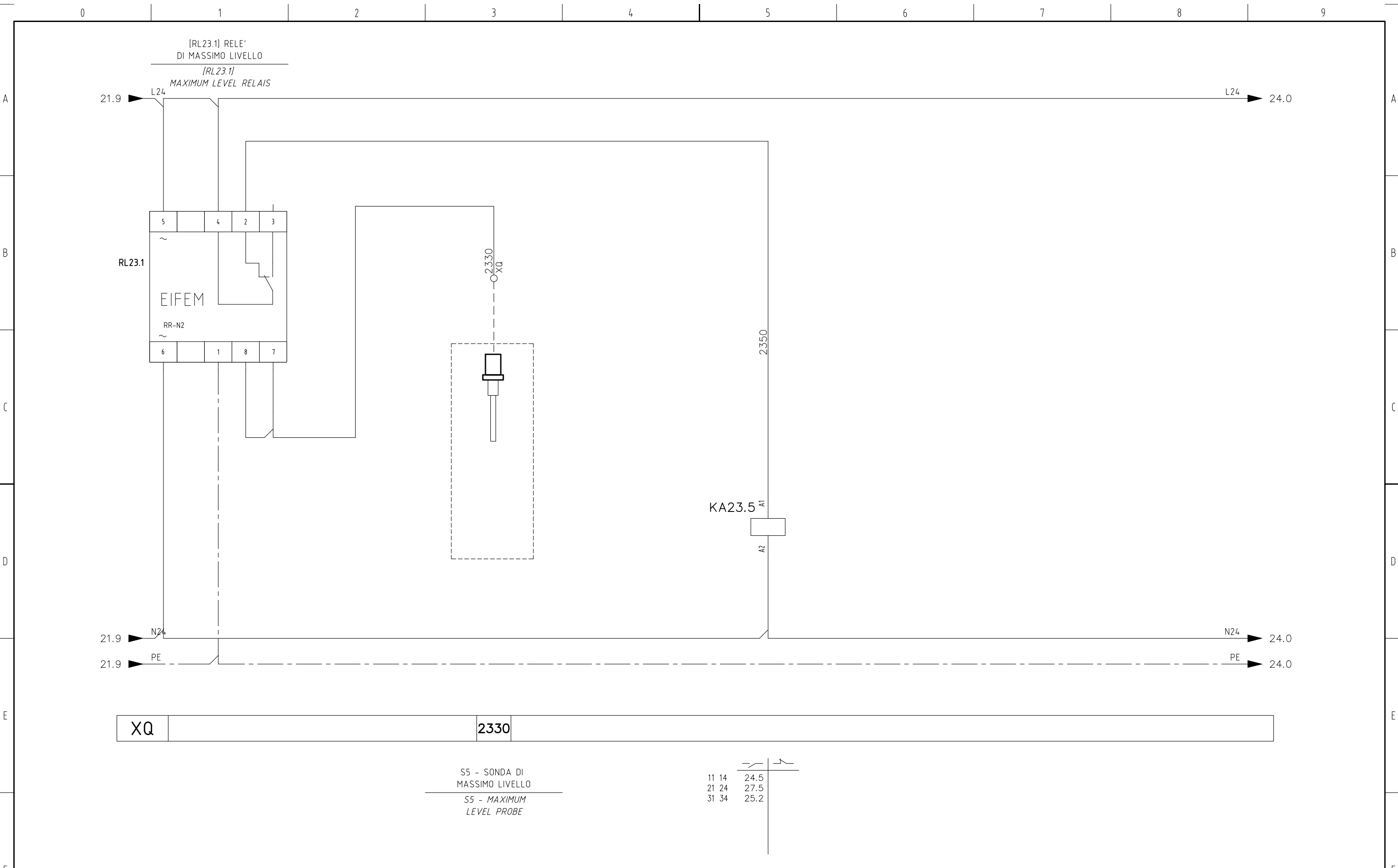
[SB19.3] CALDAIA
OK
[SB19.3] BOILER
OK

				DATA	09/17	ICI CALDAIE	ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNIO1-1G	=
				DISEGN.	FST					
00	First edition	09/17	FST	VISTO	AP					FG. 21
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	FILE : QBNXUNIO1-1G		F.S. 22

Circuiti di comando

Control circuits

				DATA	09/17		ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	<i>BBNX-BNX 100-150-350</i> ICI CALDAIE Spa	QBNXUNIO1-1G	= +					
00	First edition	09/17	FST	VISTO	AP										FG. 22
REV.	MODIFICA	DATA	FIRMA	APPR.	AP						SOST. IL :	SOST. DA :	FILE : QBNXUNIO1-1G		-



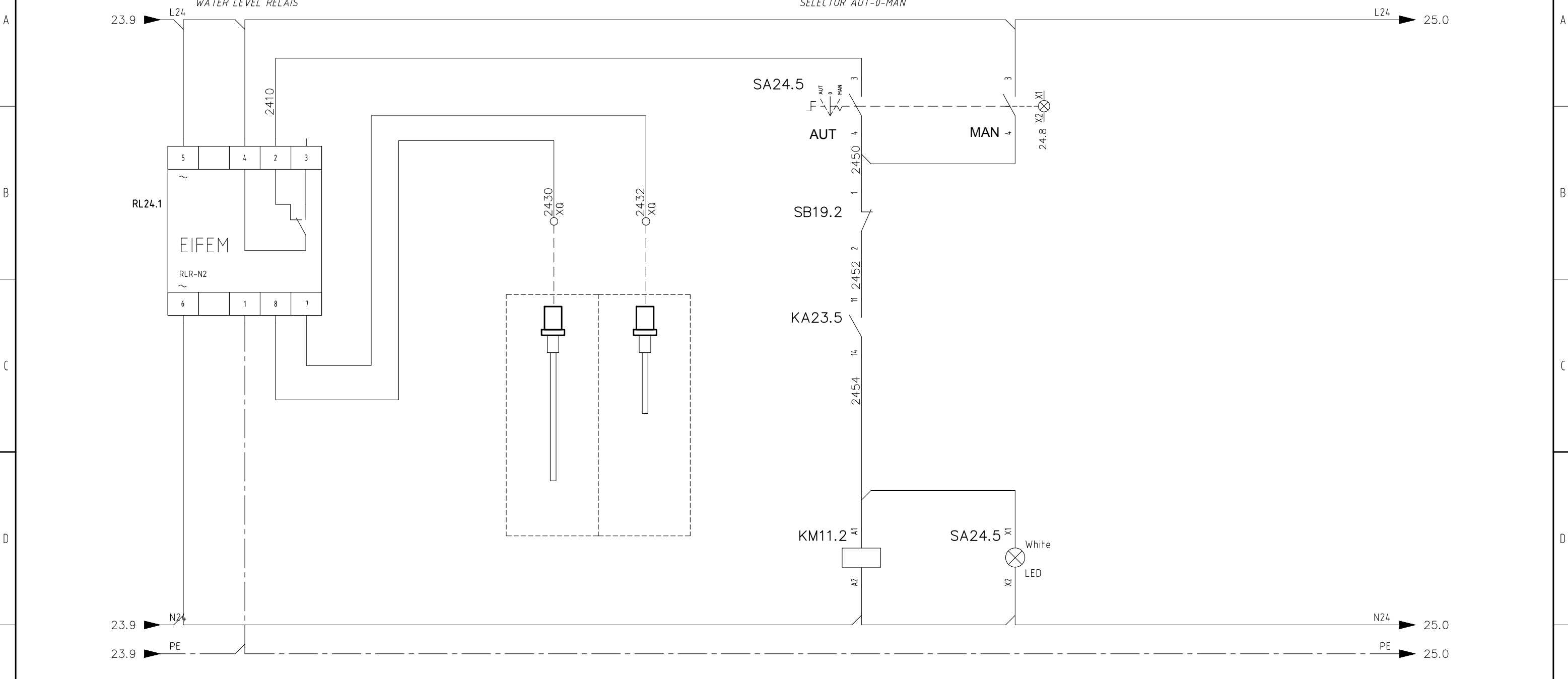
XQ	2330
----	------

S5 - SONDA DI MASSIMO LIVELLO
 S5 - MAXIMUM LEVEL PROBE

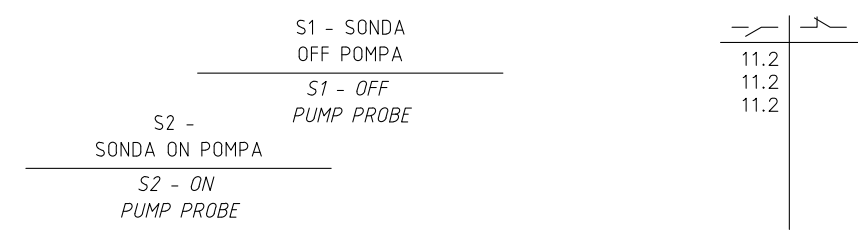
11	14	24.5
21	24	27.5
31	34	25.2

				DATA	09/17	ICI CALDAIE	ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNIO1-1G	=
				DISEGN.	FST					+
00	First edition	09/17	FST	VISTO	AP			Massimo livello Maximum level		FG. 23
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	FILE : QBNXUNIO1-1G		F.S. 24

0 1 2 3 4 5 6 7 8 9



XQ	2430	2432
----	------	------



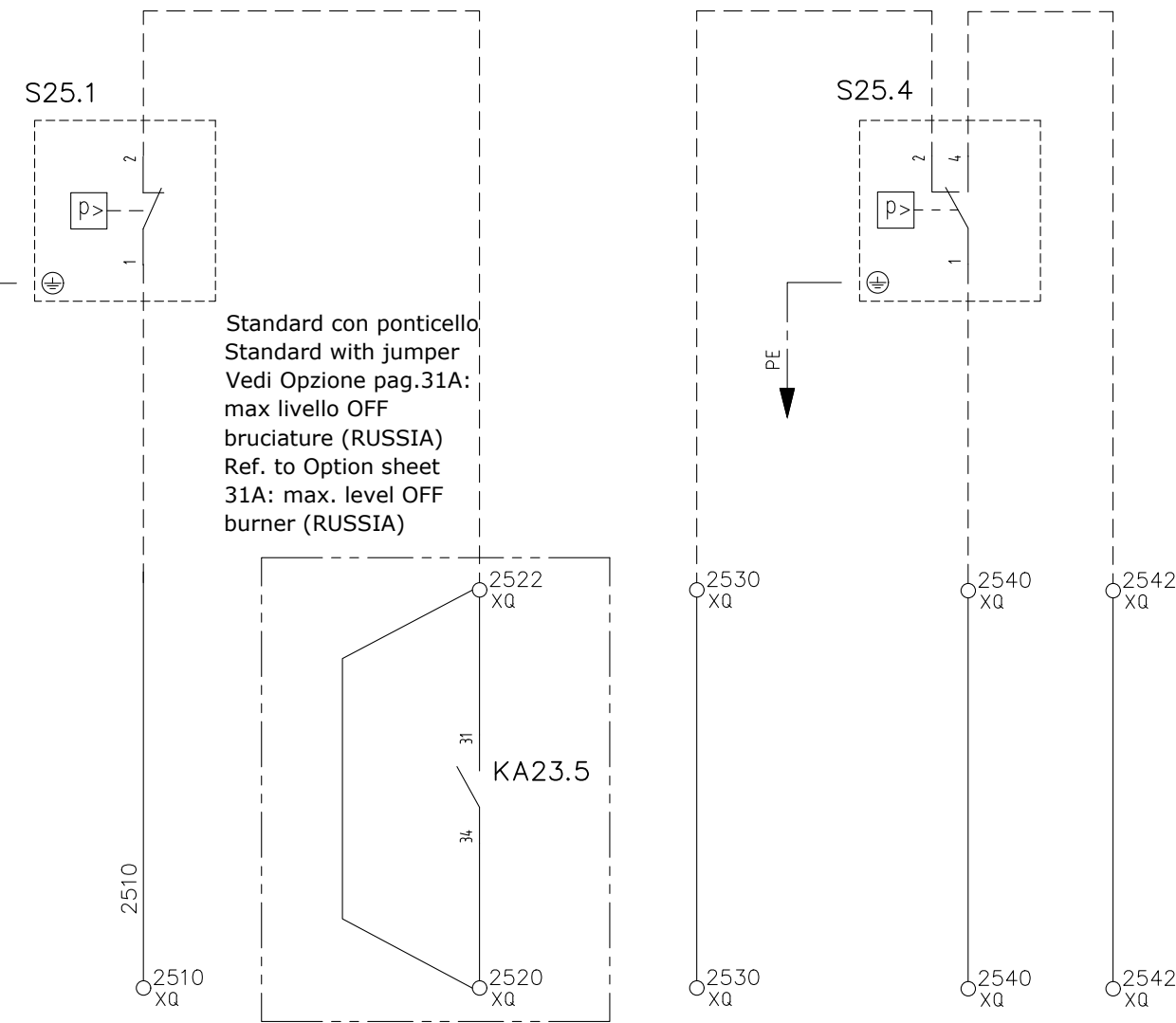
00	First edition	09/17	FST	VISTO	AP		ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNI01-1G	= +	FG. 24
REV.	MODIFICA	DATA	FIRMA	APPR.	AP						SOST. IL :

0 1 2 3 4 5 6 7 8 9

[S25.1] PRESSOSTATO LIMITE VAPORE
[S25.1] STEAM
LIMIT PRESSURE SWITCH

[S25.4] PRESSOSTATO SECONDO STADIO BRUCIATORE
[S25.4] BURNER SECOND STAGE PRESSURE SWITCH

24.9 L24 26.0



Standard con ponticello
Standard with jumper
Vedi Opzione pag.31A:
max livello OFF
bruciature (RUSSIA)
Ref. to Option sheet
31A: max. level OFF
burner (RUSSIA)

24.9 N24 26.0

24.9 PE 26.0

XQ		2522	2520	2510		2530	2540	2542	2530	2540	2542	
XB			T1	T2					T8	T6	T7	
COMANDO SECONDO STADIO PRESSOSTATO PRESSURE SWITCH SECON-STAGE CONTROL				ON/OFF BRUCIATORE ON/OFF BURNER			COMANDO SECONDO STADIO BRUCIATORE BURNER SECON-STAGE CONTROL					

00	First edition	09/17	FST	VISTO	AP		ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNI01-1G	=	
REV.	MODIFICA	DATA	FIRMA	APPR.	AP					SOST. IL :	SOST. DA :

0 1 2 3 4 5 6 7 8 9

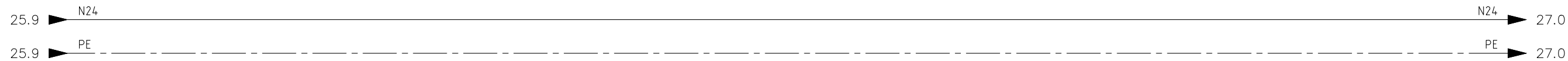
A



B

C

D



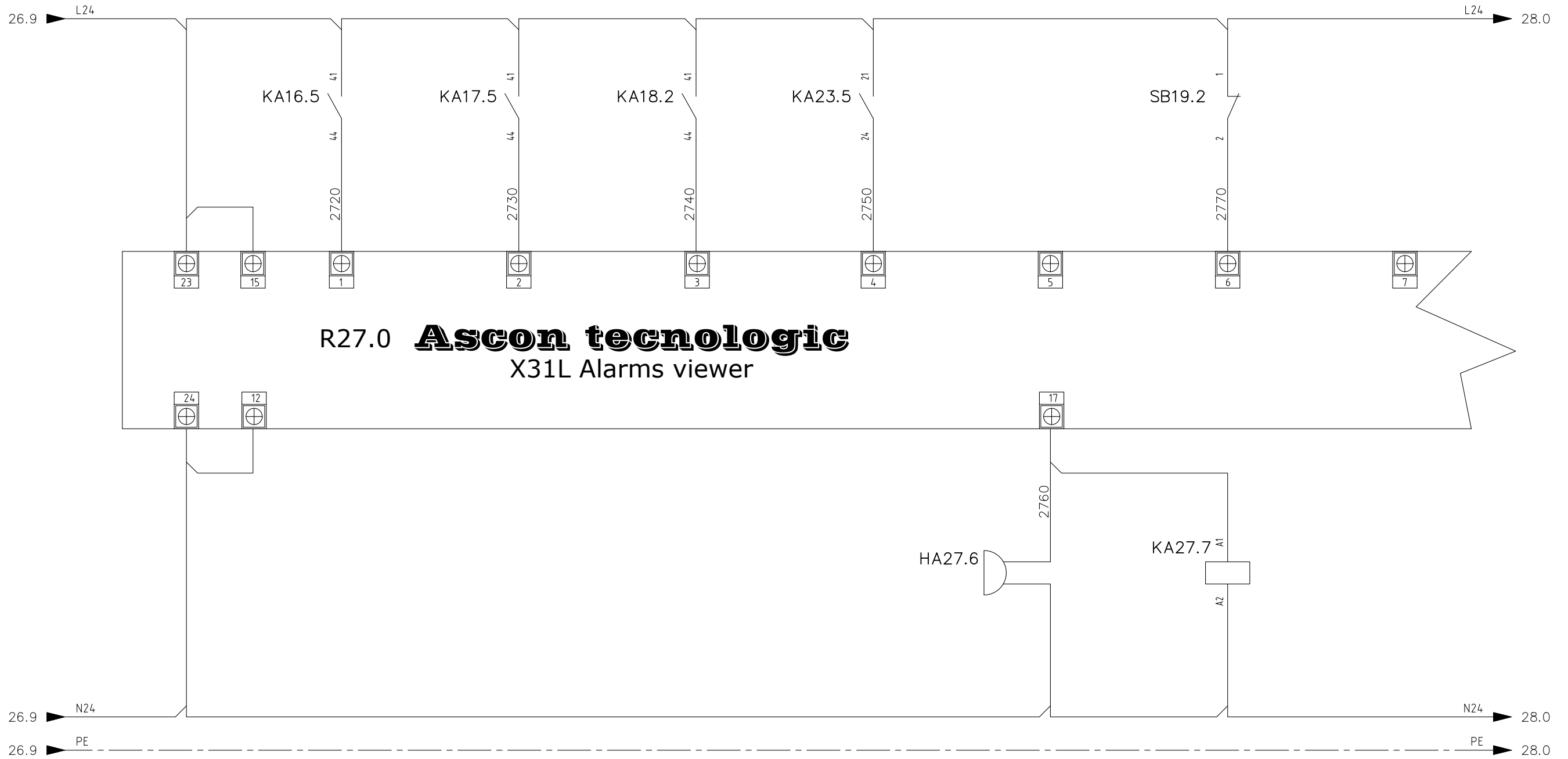
E

XQ

F

				DATA	09/17		ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNIO1-1G	=			
				DISEGN.	FST								+
00	First edition	09/17	FST	VISTO	AP								
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	FILE : QBNXUNIO1-1G		-	F.S. 27		

0 1 2 3 4 5 6 7 8 9



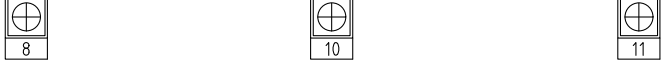
R27.0 **Ascon tecnologic**
X31L Alarms viewer

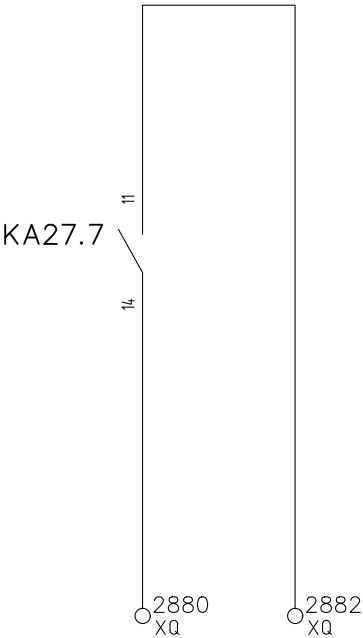
XQ

HA27.6 ALLARME ACUSTICO 11 14 28.8
HA27.6 ACOUSTIC ALARM

				DATA	09/17	ICICALDAIE	ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNIO1-1G	=	+	
				DISEGN.	FST							
00	First edition	09/17	FST	VISTO	AP							
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	FILE : QBNXUNIO1-1G	Visualizzatore allarmi Alarms viewer			FG. 27 F.S. 28

26.9 L24 29.0 L24


R27.0 Ascon tecnologic
 X31L Alarms viewer



26.9 N24 29.0 N24
 26.9 PE 29.0 PE

XQ		2880	2882
----	--	------	------

CUMULATIVO
 ALLARMI
 CUMULATIVE
 ALARMS

				DATA	09/17
				DISEGN.	FST
00	First edition	09/17	FST	VISTO	AP
REV.	MODIFICA	DATA	FIRMA	APPR.	AP



ICI CALDAIE SpA
 Campagnola di Zevio
 Verona ITALY

BBNX-BNX 100-150-350
 ICI CALDAIE Spa

QBNXUNIO1-1G

Visualizzatore allarmi
 Alarms viewer


FG. 28
 F.S. 29

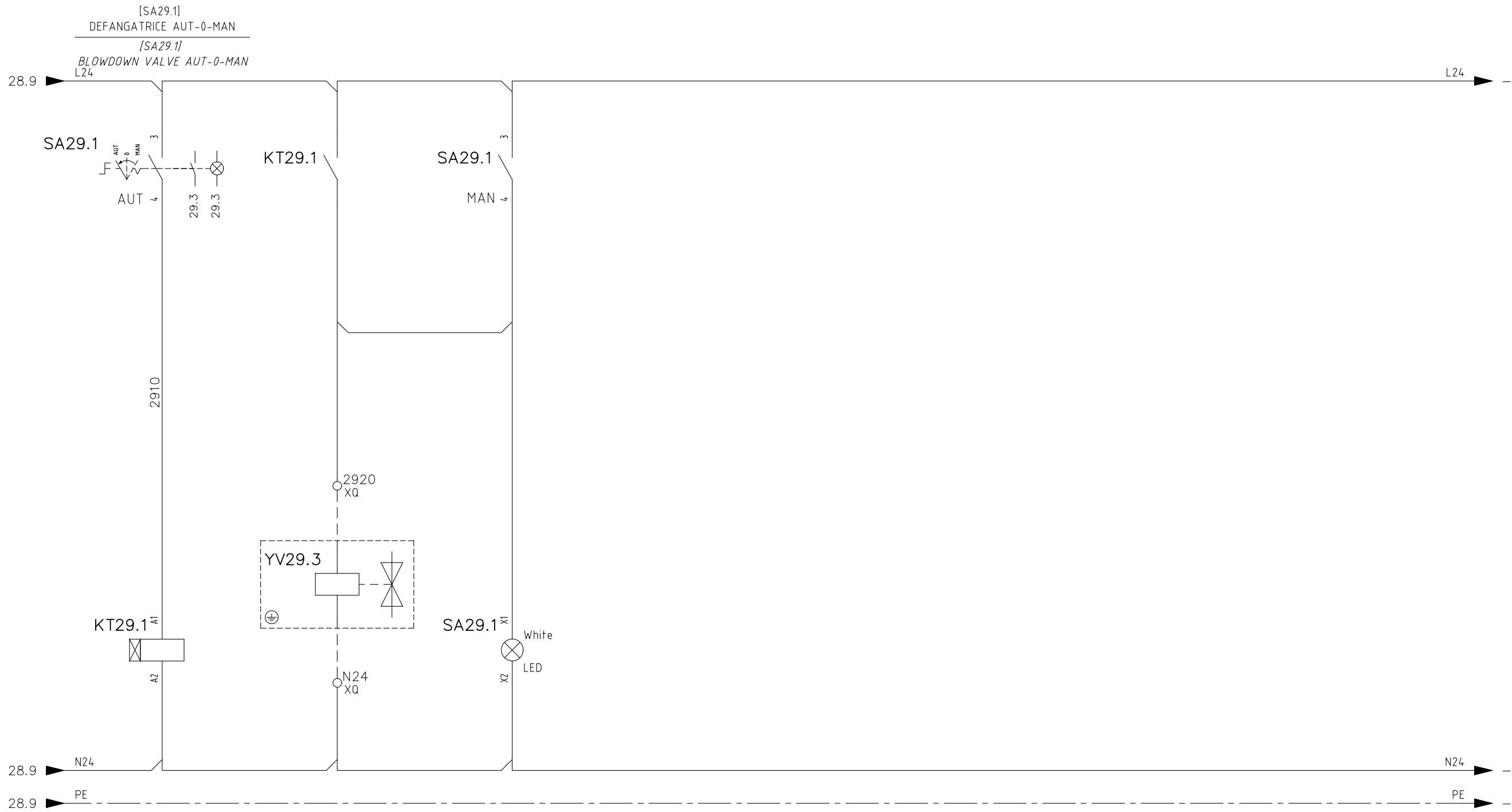
SOST. IL : SOST. DA :

FILE : QBNXUNIO1-1G

Opzione: Spurgo fanghi
 Option: Blowdown valve

CABLAGGIO A CARICO DI ICI
WIRING TO DO IN ICI

				DATA	09/17		ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNIO1-1G	=	+
				DISEGN.	FST						
00	First edition	09/17	FST	VISTO	AP						
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	FILE : QBNXUNIO1-1G			
								Opzione: Scarico fanghi Option: blowdown valve			FG. 29 F.S. 29A




XQ		2920	N24
----	--	------	-----

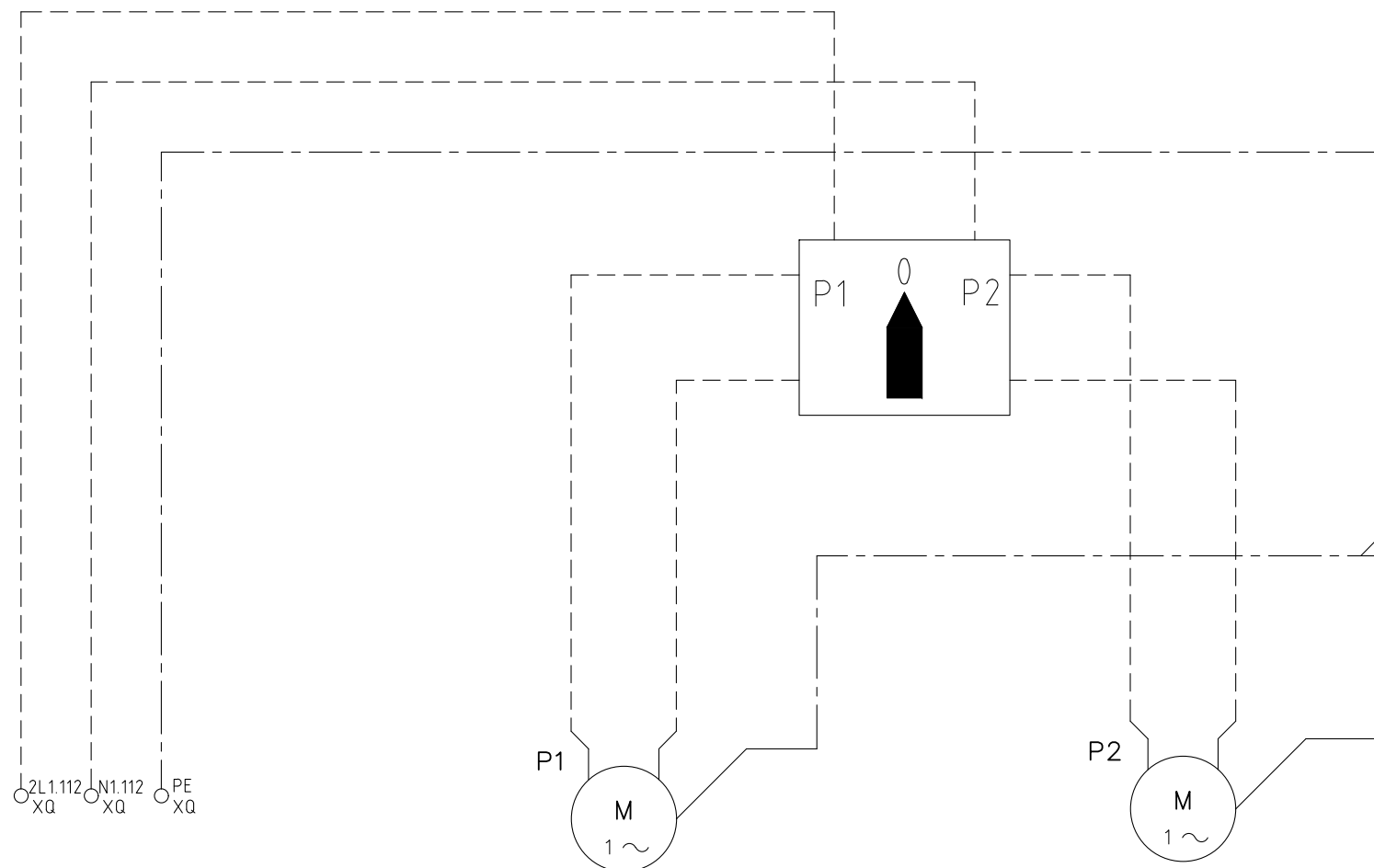


				DATA	09/17	ICICALDAIE	ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNIO1-1G	=
				DISEGN.	FST					+
00	First edition	09/17	FST	VISTO	AP			Spurgo fanghi Blowdown valve		FG. 29A
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	FILE : QBNXUNIO1-1G		F.S. 30

Opzione: Seconda pompa Option: Second pump

CABLAGGIO A CARICO DI ICI WIRING TO DO IN ICI

				DATA	09/17		ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNIO1-1G	=	FG. 30				
				DISEGN.	FST							FILE : QBNXUNIO1-1G	Opzione: Seconda pompa Option: Second pump	-	F.S. 30A
00	First edition	09/17	FST	VISTO	AP										
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :								




XQ	2L1.112	N1.112	PE
----	---------	--------	----

[P1]
POMPA CARICO
[P1]
FEEDING PUMP

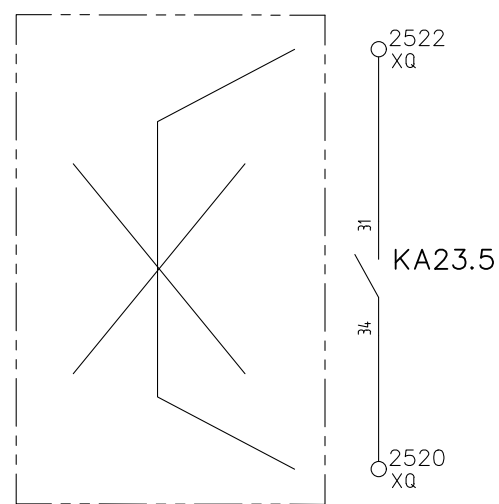
[P2]
POMPA CARICO
[P2]
FEEDING PUMP

				DATA	09/17	ICICALDAIE	ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNI01-1G	=
				DISEGN.	FST					
00	First edition	09/17	FST	VISTO	AP			Commutatore esterno		FG. 30A
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	External switch		F.S. 31

Opzione: Max livello OFF bruciatore solo (RUSSIA)
 Option: Max level OFF burner only (RUSSIAN)
 Опция: максимальная выкл. Горелка (РОССИЯ)

				DATA	09/17		ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNIO1-1G	=	+
				DISEGN.	FST						
00	First edition	09/17	FST	VISTO	AP			Opzione: Max livello OFF bruciatore Option: Max level OFF burner			FG. 31
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	FILE : QBNXUNIO1-1G		-	F.S. 31A

RIMUOVERE IL PONTE IN MORSETTIERA VEDI PAG.32
 REMOVE THE JUMPER IN TERMINAL SEE PAGE.32
 УДАЛИТЕ ПЕРЕКЛЮЧАТЕЛЬ В ТЕРМИНАЛЕ С ПОМОЩЬЮ СТРАНИЦЫ.32

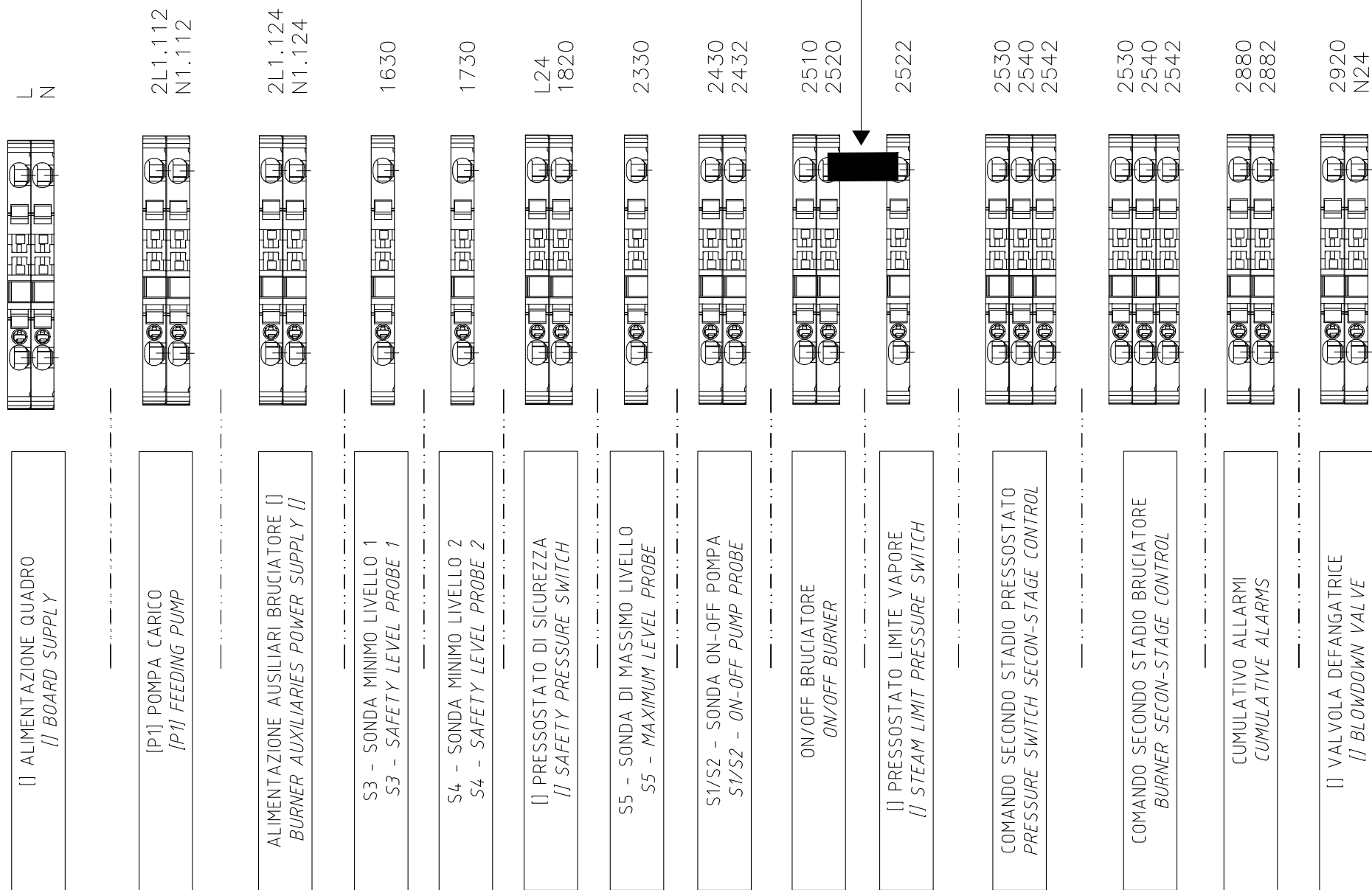


XQ		2520	2522
----	--	------	------

				DATA	09/17	ICICALDAIE	ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNIO1-1G	=	
				DISEGN.	FST						
00	First edition	09/17	FST	VISTO	AP					FG. 31A	
REV.	MODIFICA	DATA	FIRMA	APPR.	AP	SOST. IL :	SOST. DA :	FILE : QBNXUNIO1-1G		-	F.S. 32

TERMINAL XQ

RIMUOVERE PER VERSIONE RUSSIA
 REMOVE FOR RUSSIAN VERSION
 УДАЛИТЬ ДЛЯ ВЕРСИИ РОССИИ



00	First edition	09/17	FST	VISTO	AP
REV.	MODIFICA	DATA	FIRMA	APPR.	AP

ICALDAIE

ICI CALDAIE SpA
 Campagnola di Zevio
 Verona ITALY

SOST. IL : SOST. DA :

FILE : QBNXUNIO1-1G


BBNX-BNX 100-150-350
 ICI CALDAIE Spa

Lista morsetti
 Terminals list

QBNXUNIO1-1G	=
	+
	FG. 32
	F.S. 33

TRADUZIONI / TRANSLATIONS

XQ	SIGLA	ALARM	ITA	ING/ENGLISH	RUSSO/РУССО	FRA/FRANÇAIS	SPA/ESPAÑOLA
L-N	/		ALIMENTAZIONE QUADRO	BOARD SUPPLY	Напряжение	ALIMENTATION	SUMINISTRO DE ENERGÍA
/	QS9.3		INTERRUTTORE GENERALE	MAIN SWITCH	ГЛАВНЫЙ ПЕРЕКЛЮЧАТЕЛЬ	SECTIONNEUR GENERAL	INTERRUPTOR GENERAL
2L1.112-N1.112	P1		POMPA CARICO	FEEDING PUMP	ПИТАТЕЛЬНЫЙ НАСОС	POMPE DU CHARGEMENT	BOMBA DE ALIMENTACIÓN
2L1.124-N1.124	/		ALIMENTAZIONE AUSILIARI BRUCIATORE [1/N~230V 50Hz]	BURNER AUXILIARIES POWER SUPPLY [1N~230V 50Hz]	Питание вспомогательного оборудования горелки 1/N ~ 230V 50Hz MAX 1KW	BRÛLEUR D'ALIMENTATION AUXILIAIRE [1 / N ~ 230V 50Hz]	ALIMENTACIÓN DE LOS AUXILIARES DEL QUEMADOR [1N ~ 230V 50Hz]
/	RL16.1	A01	RELE' DI MINIMO LIVELLO 1	MINIMUM LEVEL RELAIS 1	МИНИМАЛЬНЫЙ УРОВЕНЬ 1	NIVEAU MINI 1	MÍNIMO NIVEL 1
1630	/		S3 - SONDA MINIMO LIVELLO 1	S3 - SAFETY LEVEL PROBE 1	S3 - ПРЕДОХРАНИТЕЛЬНОЕ ДАТЧИК УРОВНЯ 1	S3 - SONDE NIVEAU MINI 1	S3 - SONDA NIVEL MÍNIMO 1
/	SB16.5		PULSANTE RIPRISTINO ALLARMI	ALARM RESET PUSH BUTTOM	КНОПКА СБРОСА СИГНАЛОВ ТРЕВОГИ	RESET ALARME	EXTINGUIR ALARMAR
/	RL17.1	A02	RELE' DI MINIMO LIVELLO 2	MINIMUM LEVEL RELAIS 2	МИНИМАЛЬНЫЙ УРОВЕНЬ 2	NIVEAU MINI 2	MÍNIMO NIVEL 2
1730	/		S4 - SONDA MINIMO LIVELLO 2	S4 - SAFETY LEVEL PROBE 2	S4 - ПРЕДОХРАНИТЕЛЬНОЕ ДАТЧИК УРОВНЯ 2	S4 - SONDE NIVEAU MINI 2	S4 - SONDA NIVEL MÍNIMO 2
L24-1820	S18.2	A03	PRESSOSTATO DI SICUREZZA	SAFETY PRESSURE SWITCH	ПРЕДОХРАНИТЕЛЬНОЕ РЕЛЕ ДАВЛЕНИЕ	PRESSOSTAT SECURITE'	PRESOSTATO SEGURIDAD
/	SB19.2	A07	PULSANTE EMERGENZA	EMERGENCY BUTTON	АВАРИЙНАЯ КНОПКА	BOUTON POUSSOIR ARRETEE D'URGENCE	PULSADOR DE EMERGENCIA
/	2SB19.2		STOP BRUCIATORE	STOP BURNER	ОСТАНОВКА ГОРЕЛКИ	ARRÊT DE BRÛLEUR	PARADA DEL QUEMADOR
/	SB19.3		START BRUCIATORE	START BURNER	СТАРТ ГОРЕЛКА	COMMENCER BRÛLEUR	START BURNER
/	RL23.1	A04	RELE' DI MASSIMO LIVELLO	MAXIMUM LEVEL PROBE	МАКСИМАЛЬНЫЙ УРОВЕНЬ	NIVEAU MAXI	MÁXIMO NIVEL
2330	/		S5 - SONDA DI MASSIMO LIVELLO	S5 - MAXIMUM LEVEL PROBE	S5 - ДАТЧИК МАКСИМАЛЬНОГО УРОВНЯ	S5 - SONDE NIVEAU MAXI	S5 - SONDA NIVEL MÁXIMO
/	RL24.1		RELE' DI LIVELLO DI CARICO ACQUA	FEEDING WATER LEVEL RELAIS	РЕЛЕ УРОВНЯ ПИТАТЕЛЬНОЙ ВОДЫ	ALIMENTATION DE NIVEAU D'EAU RELAIS	ALIMENTACIÓN NIVEL DE AGUA RELAIS
2430	/		S2 - SONDA ON POMPA	S2 - ON PUMP PROBE	S2 - ДАТЧИК НАСОСА ВКЛ.	S2 - SONDE OFF POMPE	S2 - SONDA ON BOMBA
2432	/		S1 - SONDA OFF POMPA	S1 - OFF PUMP PROBE	S1 - ДАТЧИК НАСОСА ВЫКЛ.	S1 - SONDE ON POMPE	S1 - SONDA OFF BOMBA
/	SA24.5		SELETORE POMPA AUT-0-MAN	PUMP SELECTOR AUT-0-MAN	ПЕРЕКЛЮЧАТЕЛЬ НАСОСА AUT-0-MAN	SELECTEUR DE POMPE AUT-0-MAN	SELECTOR DE BOMBA AUT-0-MAN
2510-2522	S25.1		PRESSOSTATO LIMITE VAPORE	STEAM LIMIT PRESSURE SWITCH	ПРЕДЕЛЬНОЕ РЕЛЕ ДАВЛЕНИЯ ПАРА	MESUREUR DE PRESSION LIMITE	PRESOSTATO LÍMITE VAPOR

00	First edition	09/17	FST	VISTO	AP		ICI CALDAIE SpA Campagnola di Zevio Verona ITALY	BBNX-BNX 100-150-350 ICI CALDAIE Spa	QBNXUNI01-1G	= +	FG. 33
REV.	MODIFICA	DATA	FIRMA	APPR.	AP						SOST. IL :

