ITA

EXPROOF PREPARATORE DI POLIMERO

MANUALE USO E MANUTENZIONE

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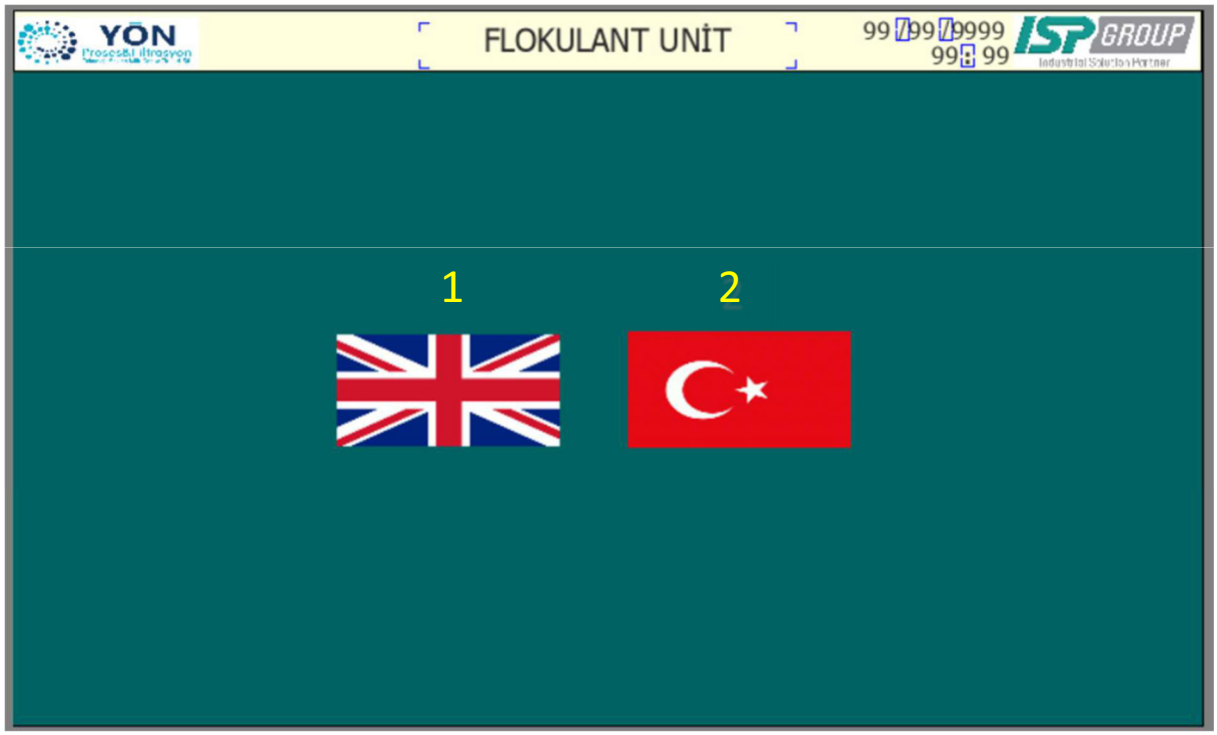
1. PANNELLO DI CONTROLLO

1. ***CAMBIO PAGINA***
2. ***SELEZIONE***
3. ***SU****; selezionare o incrementare le funzioni*
4. ***GIU'***; *selezionare o incrementare le funzioni o funzione STOP*
5. ***REREST ALLARME***;
6. ***LUCE ALLARME***
7. ***STOP EMERGENZA***
8. ***PULSANTE PRINCIPALE***

1.1 PANNELLO DI CONTROLLO

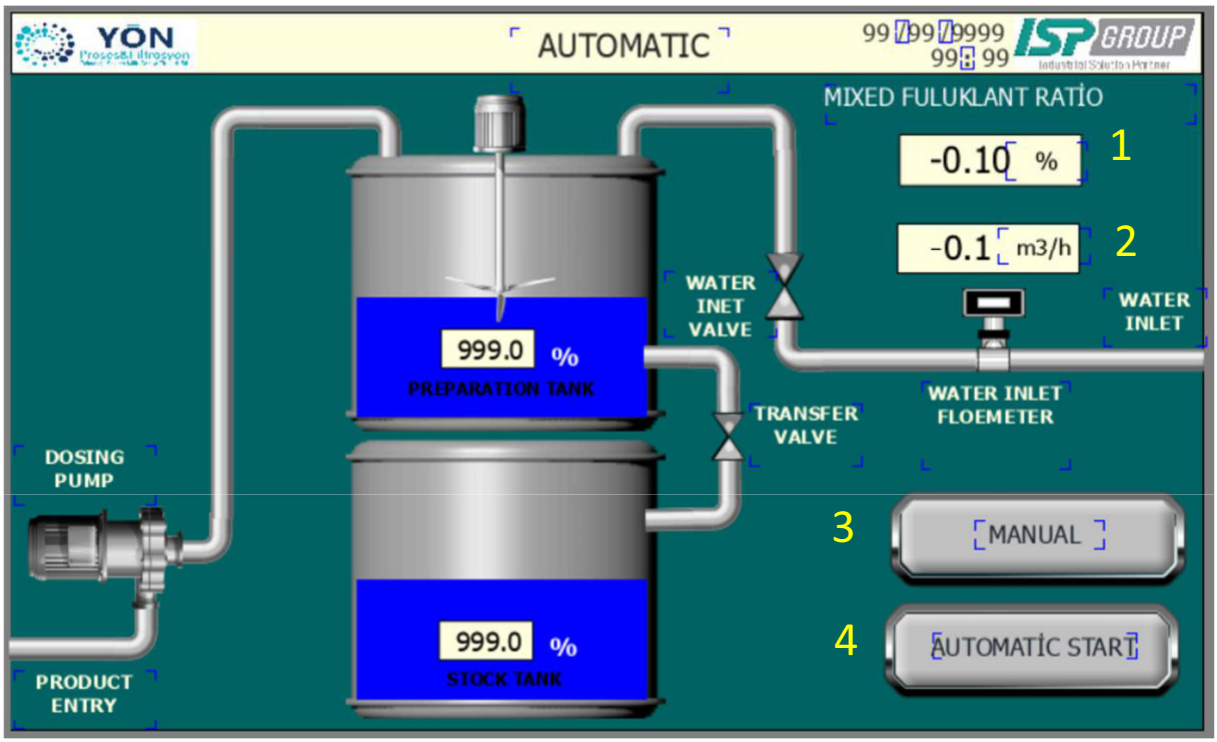
Selezione Lingua



Quando si preme il pulsante SELEZIONA, la lingua che si desidera selezionare viene visualizzata in bianco sullo sfondo. Quando si preme il pulsante SU, viene selezionata la lingua desiderata. Quando si preme il pulsante PAGE CHANGE, la pagina viene cambiata.

3. ***English***
4. ***Turkish***

1.2 CONTROLLO AUTOMATICO



Quando si preme il pulsante "SELEZIONA", si forma un colore rosso sullo sfondo dell'oggetto e del valore da controllare nella pagina. I pulsanti SU e GIÙ vengono utilizzati per modificare il valore. Il pulsante SU viene utilizzato per aumentare il valore o per avviare l'azione selezionata. Il bot DOWN viene utilizzato anche per diminuire il valore o interrompere l'azione selezionata.

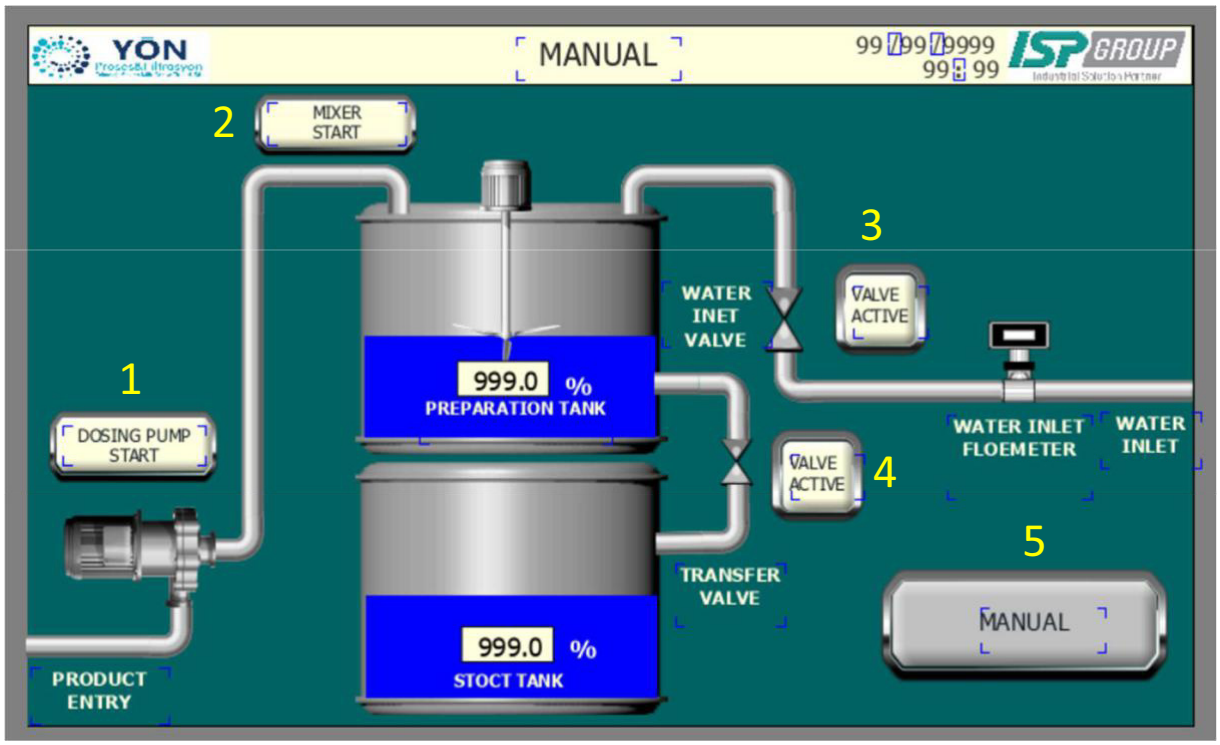
1. Rapporto di miscelazione; Imposta il rapporto di miscelazione. È inserito come%. Imposta la percentuale di materiale chimico da miscelare con l'acqua nella vasca di preparazione

2. Flussometro dell'acqua; Mostra la portata d'acqua media oraria.

3. Automatico / Manuale; Serve per commutare il sistema da manuale ad automatico e da automatico a manuale.

4. Avvio automatico; Consente al sistema di avviarsi in modalità automatica.

4.3. CONTROLLO MANUALE



Quando si preme il tasto "SELEZIONA", sullo sfondo dell'oggetto e del valore da ottenere appare un colore rosso. I pulsanti SU e GIÙ vengono utilizzati per modificare il valore. Utilizzato per abilitare o avviare il pulsante SU. Viene anche utilizzato per ridurre il bot DOWN o interrompere il processo.

1. Avvio / arresto pompa dosatrice

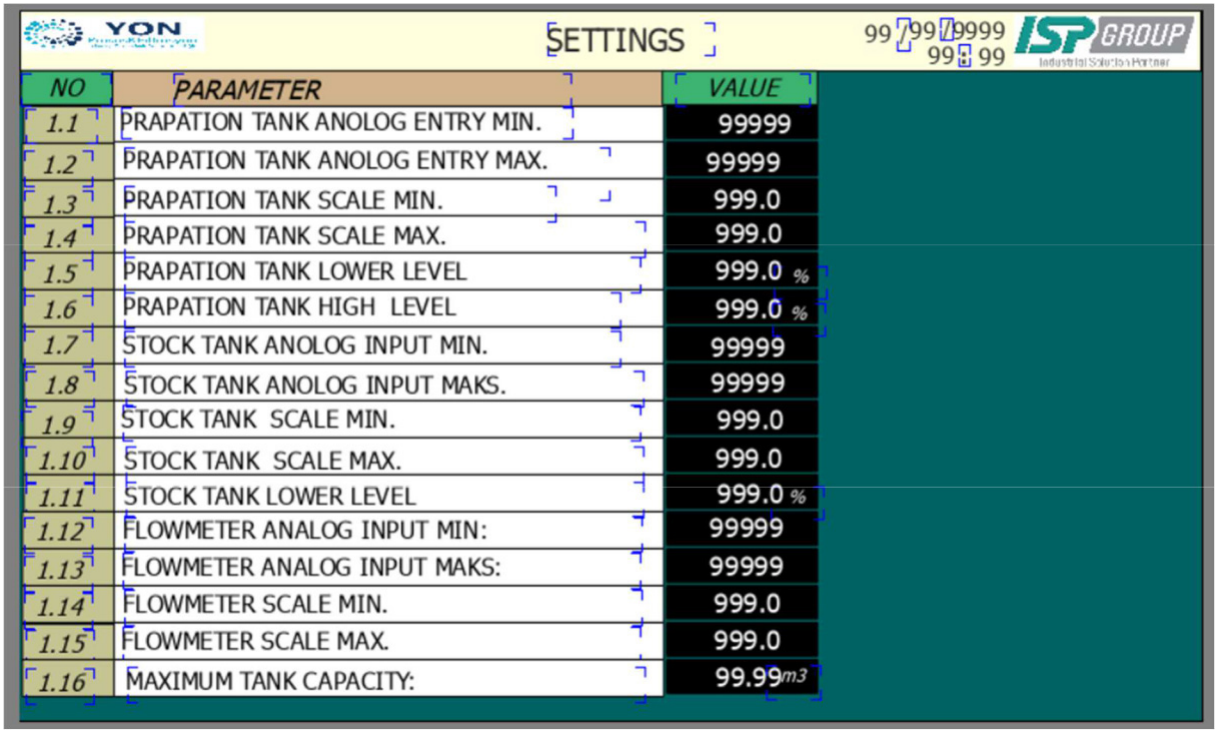
2. Avvio / arresto del mixer

3. Avvio / arresto della valvola dell'acqua

4. Avvio / arresto valvola di trasferimento

5. Manuale attivo / arresto

2.4. SETTAGGIO



SETTINGS

NO	PARAMETER	VALUE
1.1	PRAPATION TANK ANOLOG ENTRY MIN.	99999
1.2	PRAPATION TANK ANOLOG ENTRY MAX.	99999
1.3	PRAPATION TANK SCALE MIN.	999.0
1.4	PRAPATION TANK SCALE MAX.	999.0
1.5	PRAPATION TANK LOWER LEVEL	999.0 %
1.6	PRAPATION TANK HIGH LEVEL	999.0 %
1.7	STOCK TANK ANOLOG INPUT MIN.	99999
1.8	STOCK TANK ANOLOG INPUT MAKS.	99999
1.9	STOCK TANK SCALE MIN.	999.0
1.10	STOCK TANK SCALE MAX.	999.0
1.11	STOCK TANK LOWER LEVEL	999.0 %
1.12	FLOWMETER ANALOG INPUT MIN:	99999
1.13	FLOWMETER ANALOG INPUT MAKS:	99999
1.14	FLOWMETER SCALE MIN.	999.0
1.15	FLOWMETER SCALE MAX.	999.0
1.16	MAXIMUM TANK CAPACITY:	99.99m3

"SELEZIONA"

1.1. Livello minimo del trasmettitore del serbatoio di preparazione:

- Valore di ingresso minimo analogico del trasmettitore di pressione

1.2. Livello massimo del trasmettitore del serbatoio di preparazione:

- Valore di ingresso analogico massimo del trasmettitore di pressione

1.3. Valore desiderato del livello minimo analogico del serbatoio di preparazione:

- Valore minimo che entriamo nel serbatoio di preparazione

1.4. Valore desiderato del livello massimo analogico del serbatoio di preparazione:

- Valore massimo che entriamo nel serbatoio di preparazione

1.5. Livello inferiore del serbatoio di preparazione:

- Livello inferiore desiderato del serbatoio di preparazione:

1.6. Livello alto del serbatoio di preparazione:

- Livello superiore desiderato del serbatoio di preparazione

1.7. Livello minimo del trasmettitore del serbatoio di riserva:

- Valore di ingresso minimo analogico del trasmettitore di serie

1.8. Livello massimo del trasmettitore del serbatoio di riserva:

- Valore di ingresso massimo analogico del trasmettitore di serie

1.9 Valore desiderato del livello minimo analogico del serbatoio di scorta:

- Valore minimo che entriamo in Stock Tank

1.10. Valore desiderato del livello massimo analogico del serbatoio di scorta:

- Valore massimo che entriamo in Stock Tank

1.11. Livello inferiore del serbatoio di scorta:

- Valore inferiore desiderato del serbatoio di scorta

1.12. Valore minimo analogico del flussometro:

- Valore minimo desiderato analogico del flussometro

1.13. Valore massimo analogico flussometro:

- Flussometro analogico valore massimo desiderato

1.14. Valore minimo desiderato analogico del flussometro:

- Valore minimo del flusso d'acqua del flussometro

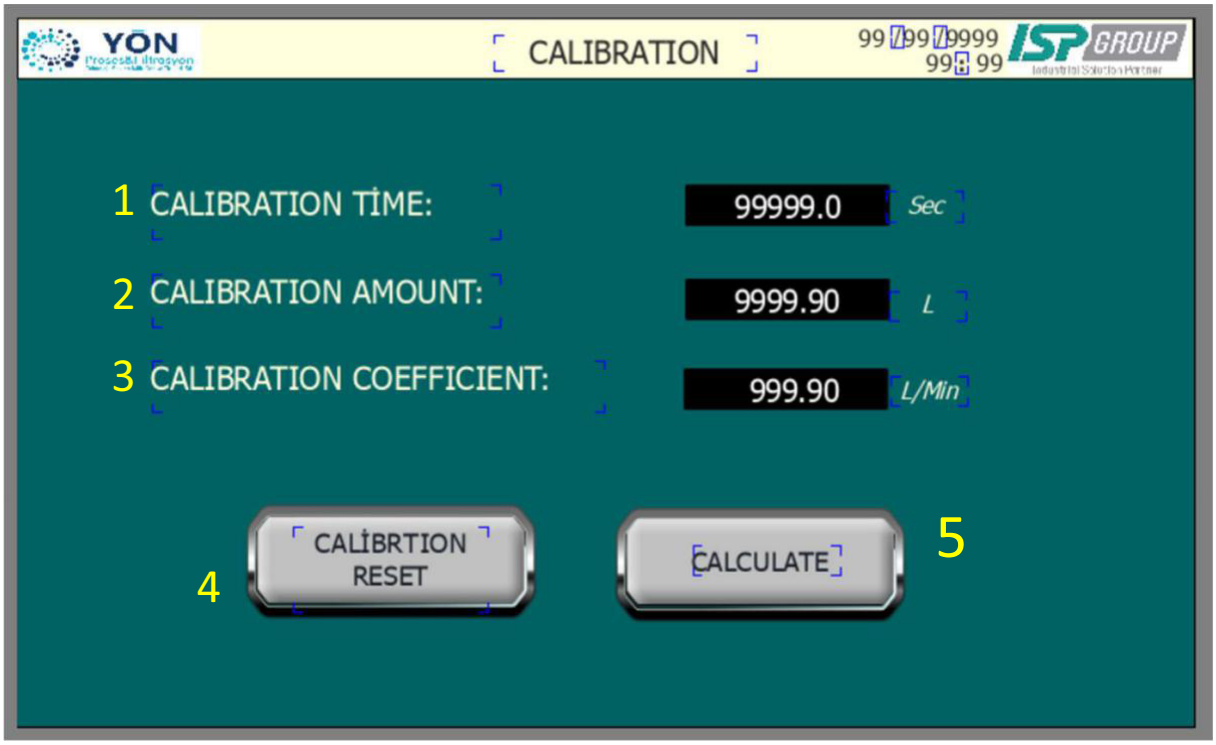
1.15. Valore minimo desiderato analogico del flussometro:

- Valore massimo del flusso d'acqua del flussometro

1.16. Capacità massima del serbatoio:

- Quantità massima di acqua del serbatoio

2.5. CALIBRAZIONE



Il valore può essere modificato con i pulsanti SU e GIÙ spostandosi sul valore (1) con il pulsante SELEZIONA. I pulsanti CALIBRAZIONE, RESET e CALCOLA vengono utilizzati per avviare e interrompere con i tasti SU e GIÙ.

1. Tempo di calibrazione

2. Quantità di calibrazione

3) Coefficiente di calibrazione

4) Ripristino della calibrazione

5) Calcola

- La pompa dosatrice viene azionata manualmente con un cronometro, il prodotto versato dalla pompa dosatrice viene inserito nei luoghi (2) e nel tempo (1). Alla pressione del pulsante CALCOLA (5) determina automaticamente il coefficiente, crea un rapporto per determinare quanto prodotto pomperà la pompa dosatrice e stampa automaticamente il prodotto secondo questo rapporto. I valori vengono ripristinati con RESET CALIBRAZIONE.

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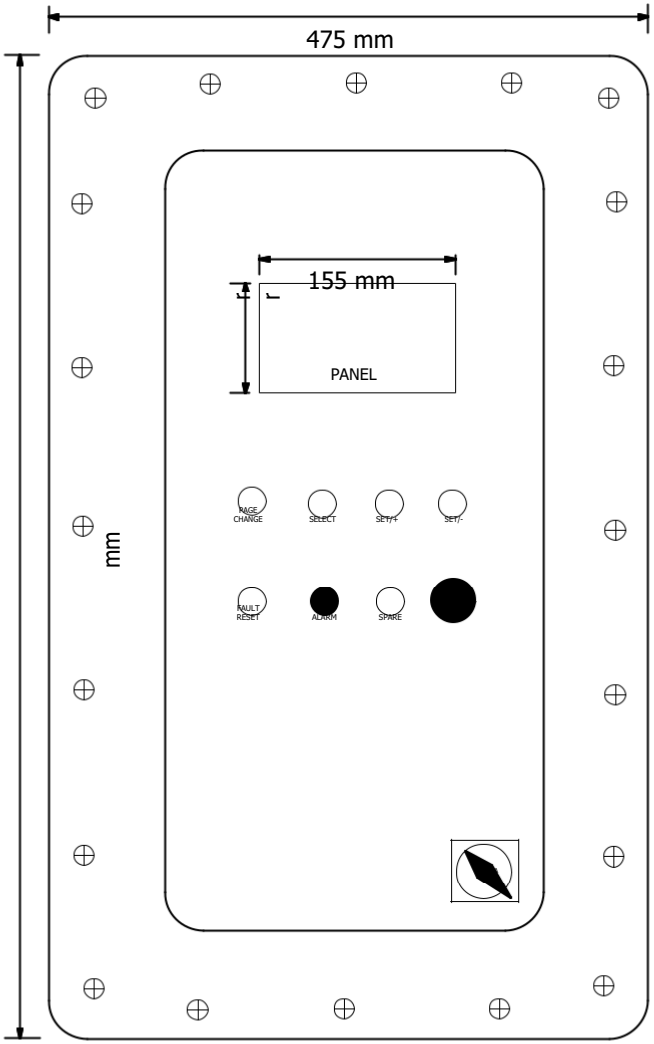
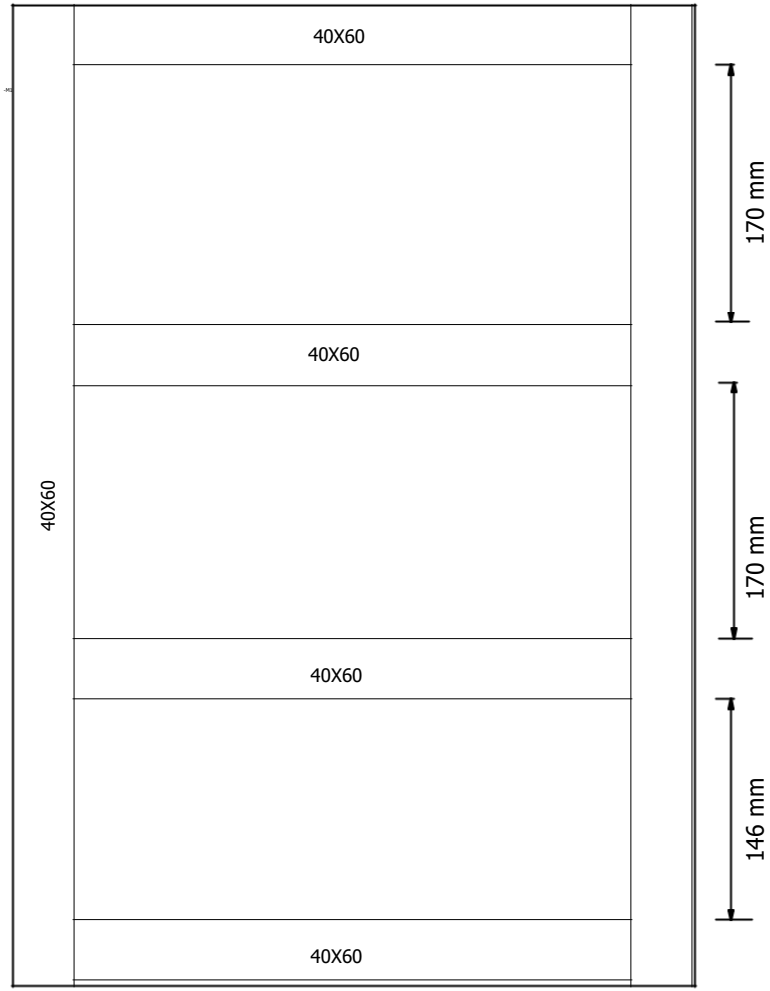
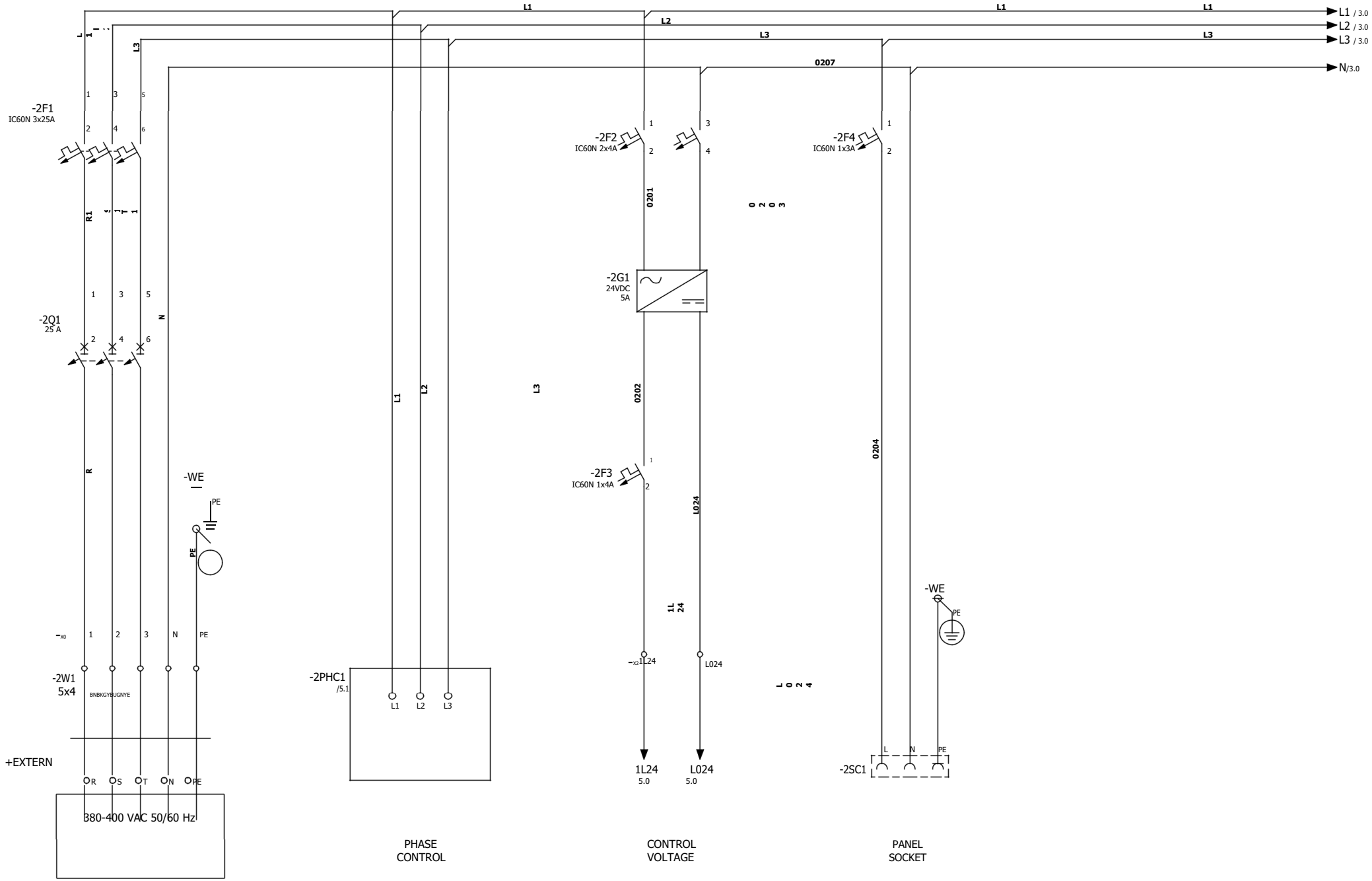
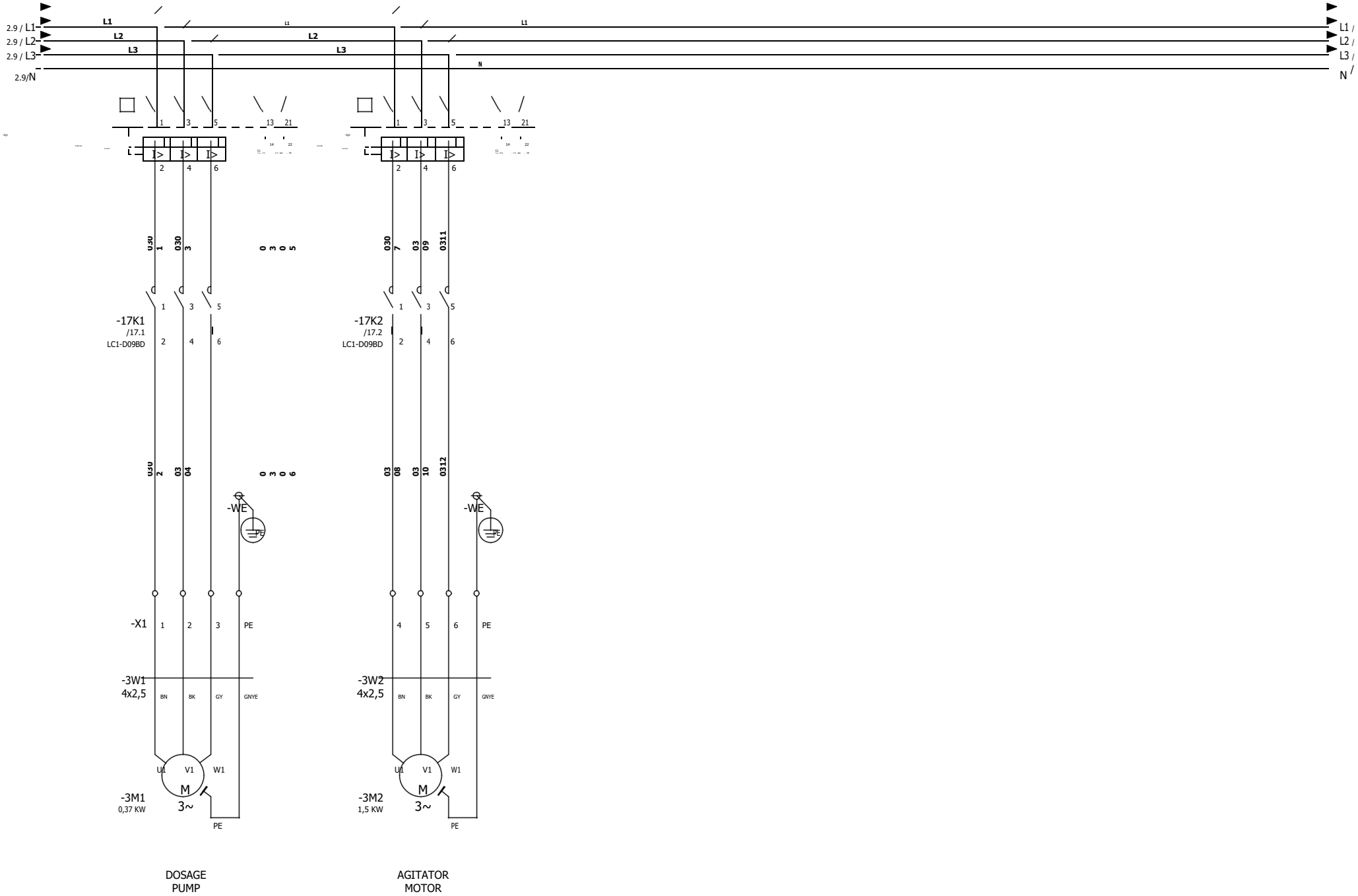
Customer	: POLAT MAKINA
Project name	: E20053S01_02 POLAT MAK. EXPROOF POLI PREP. UNIT ELECTRICAL PROJECT
Project description	: ELECTRICAL PROJECT
Job number	: E20053S01_2
Mounting location	:
Place of installation	:
Creater	: F. AĞCA
Checked by	:

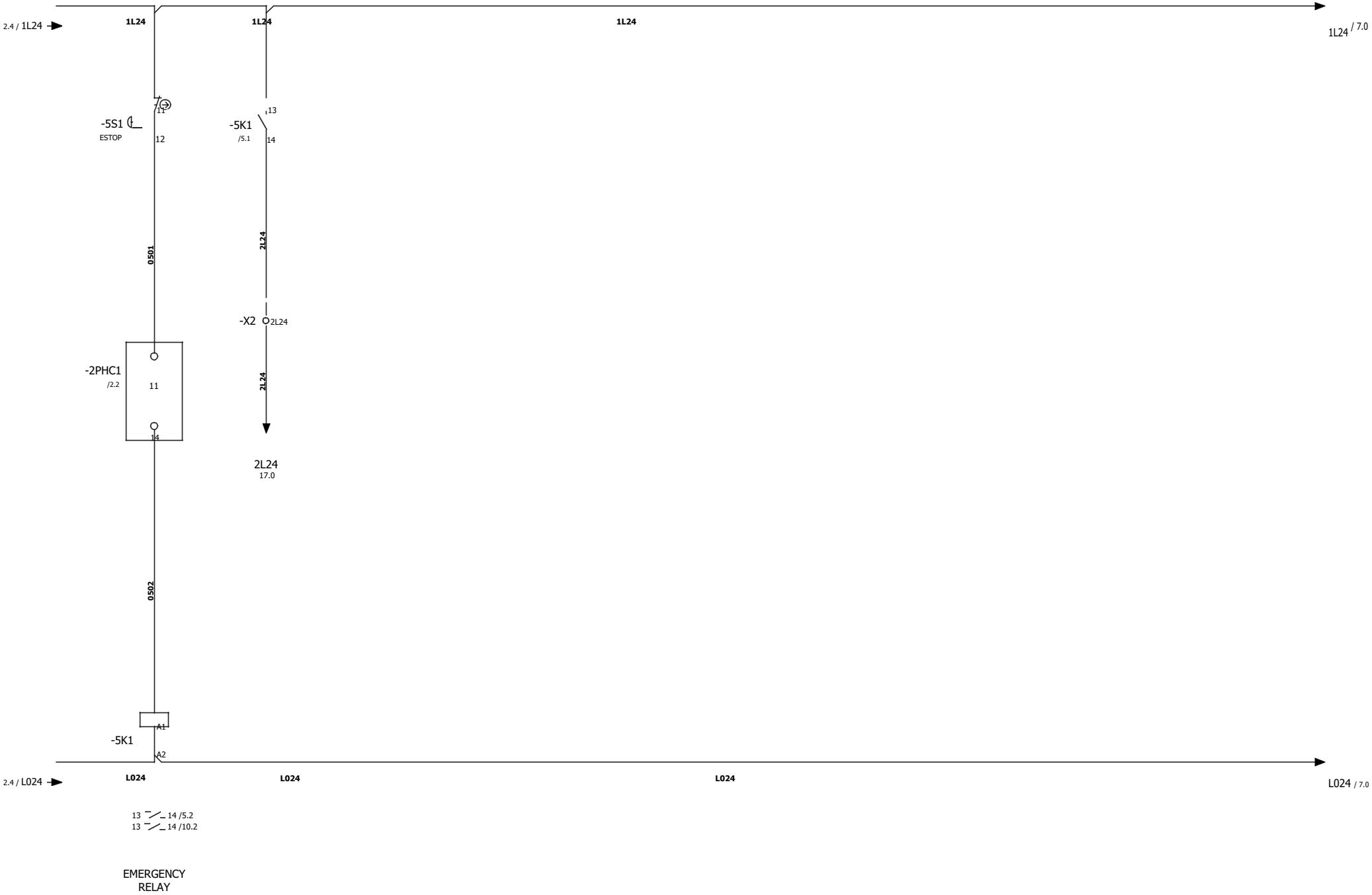
Created on	9/10/2020		
Edit date	9/18/2020	Last Editor Name	Number of pages20

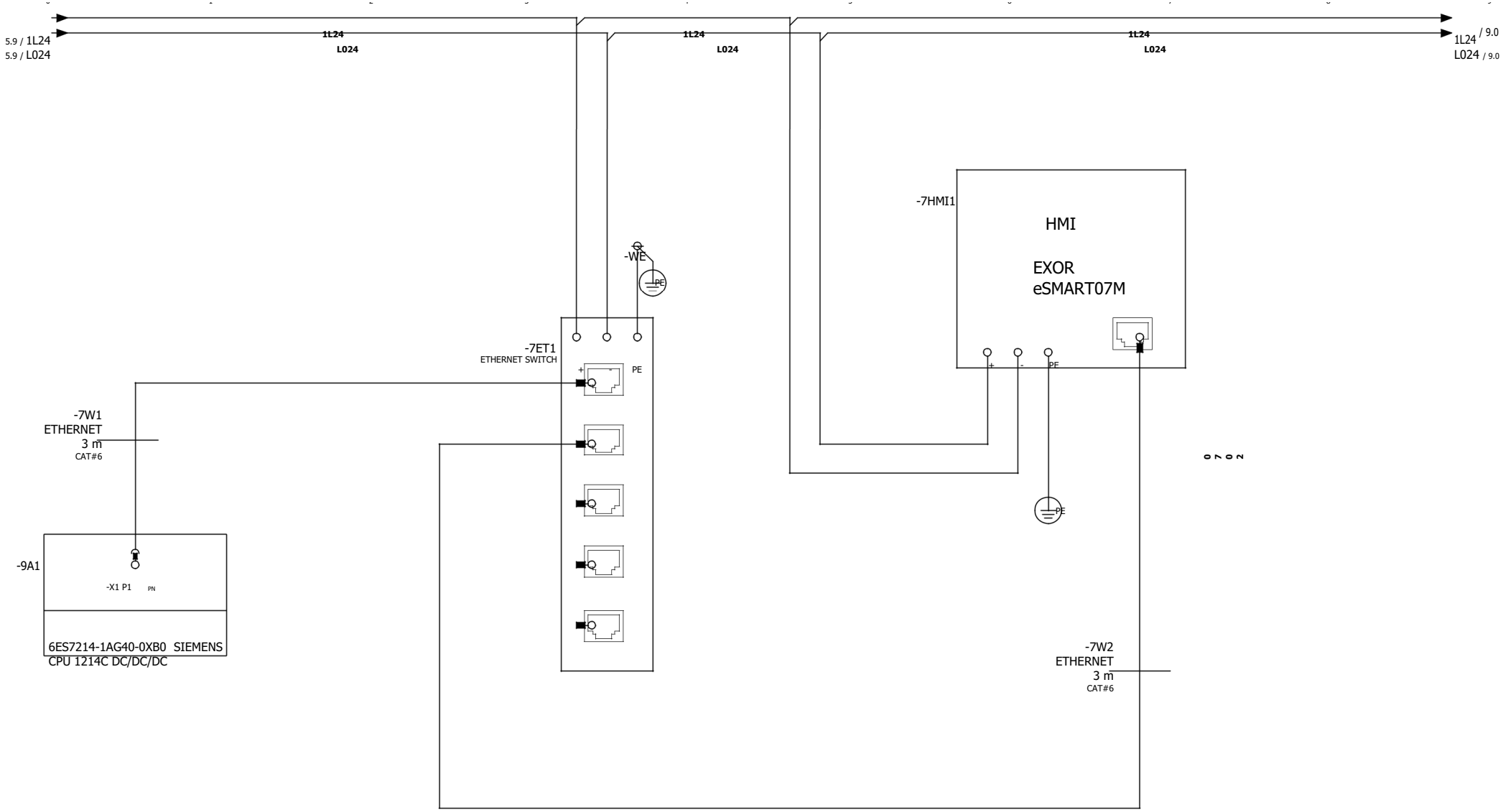

475 mm
155 mm
PANEL
mm
PAGE CHANGE
SELECT
SET/+
SET/-
FAULT RESET
ALARM
SPARE


40X60
40X60
40X60
40X60
40X60
170 mm
170 mm
146 mm


L1 / 3.0
L2 / 3.0
L3 / 3.0
N/3.0
-2F1
IC60N 3x25A
-2Q1
25 A
-2W1
5x4
BNBKGYBUGNYE
+EXTERN
R S T N PE
380-400 VAC 50/60 Hz
-WE
-2PHC1
/5.1
-2F2
IC60N 2x4A
-2G1
24VDC
5A
-2F3
IC60N 1x4A
1L24
5.0
L024
5.0
-2F4
IC60N 1x3A
-2SC1
PHASE
CONTROL
CONTROL
VOLTAGE
PANEL
SOCKET


2.9 / L1
2.9 / L2
2.9 / L3
2.9/N
L1
L2
L3
N
-17K1
/17.1
LC1-D09BD
-17K2
/17.2
LC1-D09BD
-WE
PE
-X1
-3W1
4x2,5
BN
BK
GY
GNYE
-3W2
4x2,5
U1
V1
W1
M
3~
-3M1
0,37 KW
-3M2
1,5 KW
DOSAGE
PUMP
AGITATOR
MOTOR


2.4 / 1L24
1L24
1L24
1L24
1L24 / 7.0
-5S1
ESTOP
11
12
-5K1
/5.1
13
14
0501
2L24
-X2
2L24
-2PHC1
/2.2
11
14
2L24
2L24
17.0
0502
-5K1
A1
A2
2.4 / L024
L024
L024
L024
L024 / 7.0
13 14 /5.2
13 14 /10.2
EMERGENCY
RELAY


5.9 / 1L24
5.9 / L024
1L24
L024
1L24
L024
1L24
L024
1L24 / 9.0
L024 / 9.0
-7HMI1
HMI
EXOR
eSMART07M
-WE
PE
-7ET1
ETHERNET SWITCH
PE
-7W1
ETHERNET
3 m
CAT#6
-9A1
-X1 P1
PN
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CPU 1214C DC/DC/DC
-7W2
ETHERNET
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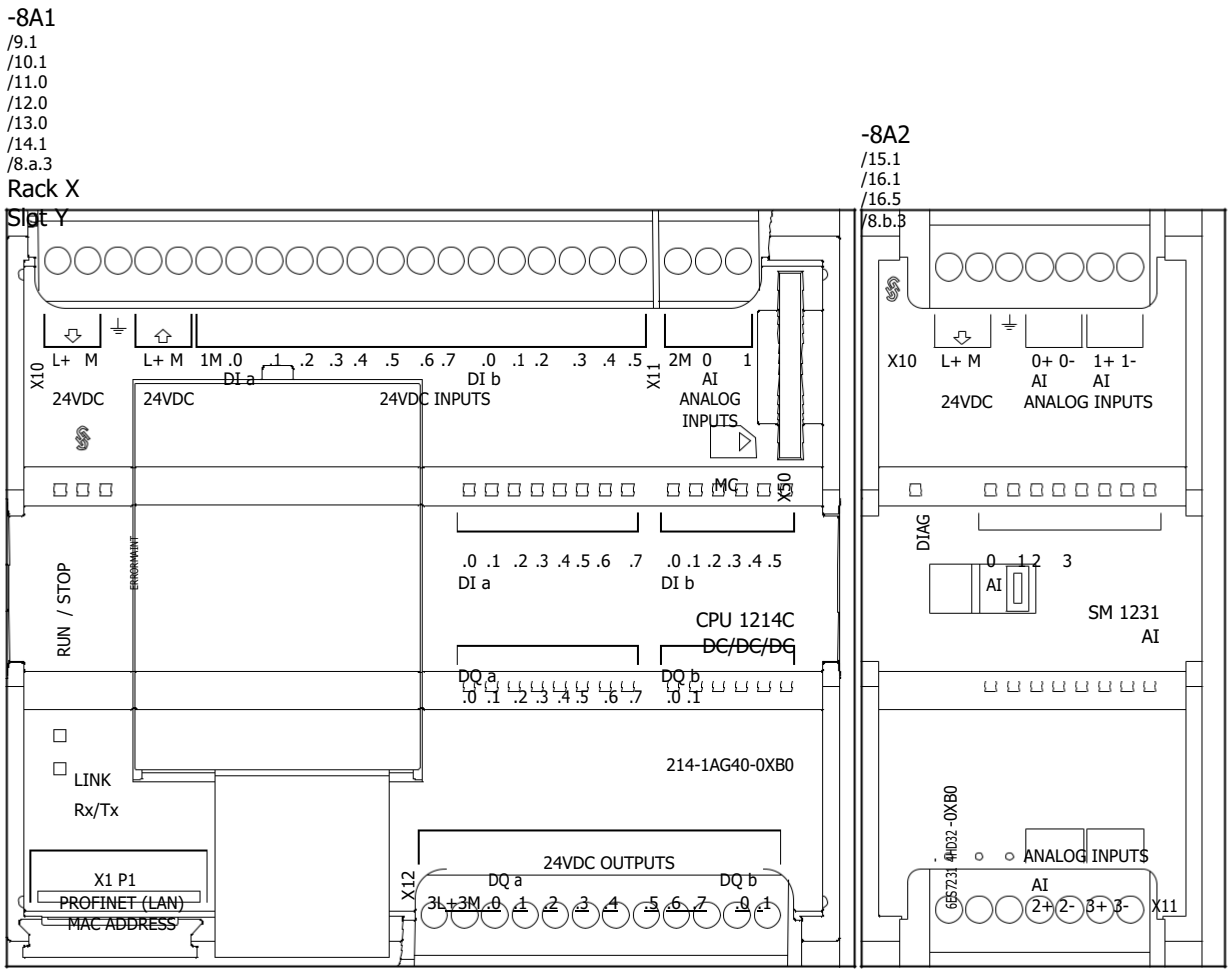
CAT#6
0702


-8A1
/9.1
/10.1
/11.0
/12.0
/13.0
/14.1
/8.a.3
Rack X
Slot Y
-8A2
/15.1
/16.1
/16.5
/8.b.3
X10
L+ M
24VDC
L+ M
24VDC
1M .0 .1 .2 .3 .4 .5 .6 .7
DI a
.0 .1 .2 .3 .4 .5 .6 .7
DI b
24VDC INPUTS
X11
2M 0 1
AI
ANALOG
INPUTS
MC
X50
RUN / STOP
ERROR/MAINT
.0 .1 .2 .3 .4 .5 .6 .7
DI a
.0 .1 .2 .3 .4 .5
DI b
CPU 1214C
DC/DC/DC
DQ a
.0 .1 .2 .3 .4 .5 .6 .7
DQ b
.0 .1
214-1AG40-0XB0
LINK
Rx/Tx
X1 P1
PROFINET (LAN)
MAC ADDRESS
X12
24VDC OUTPUTS
DQ a
DQ b
3L+3M .0 .1 .2 .3 .4 .5 .6 .7 .0 .1
X10
L+ M
24VDC
0+ 0-
AI
1+ 1-
AI
ANALOG INPUTS
DIAG
0 1 2 3
AI
SM 1231
AI
6ES7231-4HD32-0XB0
ANALOG INPUTS
AI
2+ 2- 3+ 3-
X11

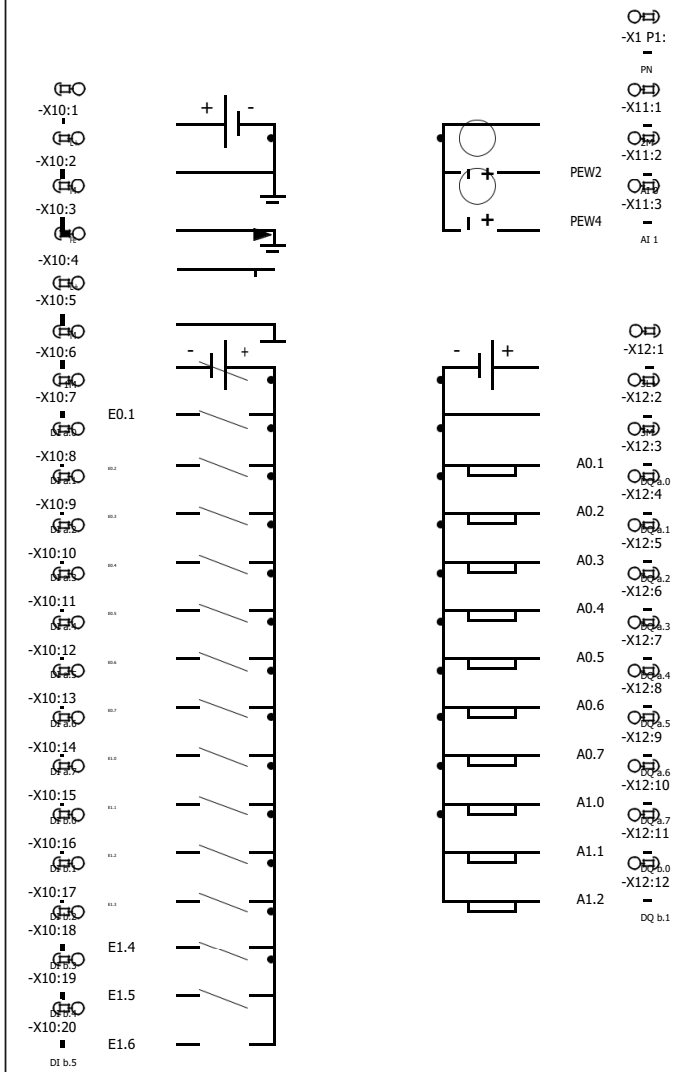
-8A1

/8.1

S7-1200

CPU 1214C DC/DC/DC

SIEMENS



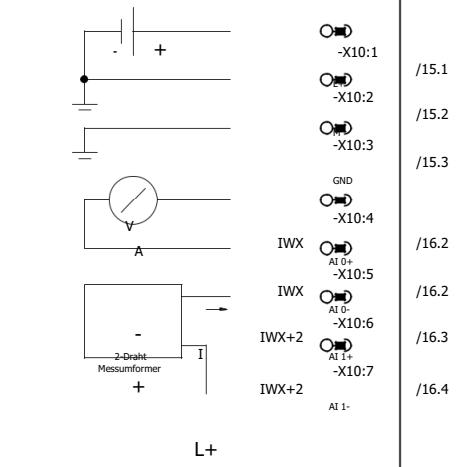
		/9.1	-X10:1				/12.1		
		/9.2	-X10:2		PEW2		/12.2	-X4:1	YEDEK
		/9.3	-X10:3		PEW4		/12.3	-X4:2	YEDEK
			-X10:4						
			-X10:5						
		/9.4							
			-X10:6			-X12:1	/13.1		
		/10.1							
EMERGENCY STOP NORMAL	-5K1:14	/10.2	-X10:7	E0.1		-X12:2	/13.2		
						-X12:3			
			-X10:8		A0.1		/13.3	-13R1:A1	DOSAGE PUMP START
						-X12:4			
			-X10:9		A0.2		/13.3	-13R2:A1	AGIRATOR START
						-X12:5			
			-X10:10		A0.3		/13.4	-13R3:A1	WATER VALVE ON
						-X12:6			
			-X10:11		A0.4		/13.5	-13R4:A1	TRANFER VALVE ON
						-X12:7			
			-X10:12		A0.5		/13.6	-13R5:A1	EXTERNAL STOCK TANK LEVEL SIGNAL
						-X12:8			
			-X10:13		A0.6		/13.6	-13H1:x1	FAULT LAMP
						-X12:9			
			-X10:14		A0.7		/13.7	-X3:11	SPARE
						-X12:10			
			-X10:15		A1.0		/13.8	-X3:12	SPARE
						-X12:11			
			-X10:16		A1.1		/14.2	-X3:11	SPARE
						-X12:12			
			-X10:17		A1.2		/14.2	-X3:12	SPARE
			-X10:18						
SPARE	-X3:8	/11.3		E1.4					
			-X10:19						
SPARE	-X3:9	/11.4		E1.5					
			-X10:20						
SPARE	-X3:10	/11.5		E1.6					

6ES7214-1AG40-0XB0

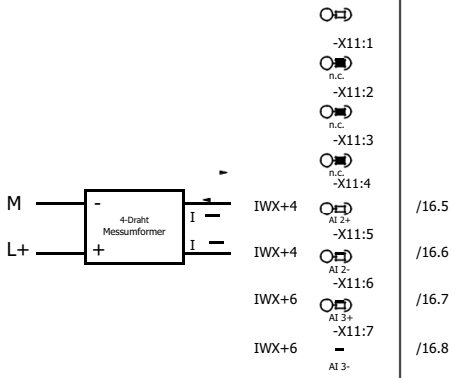
-8A2
/8.4
Rack X
Slot Y

S7-1200 SIEMENS

SM1231 AI 4 x 13 Bit

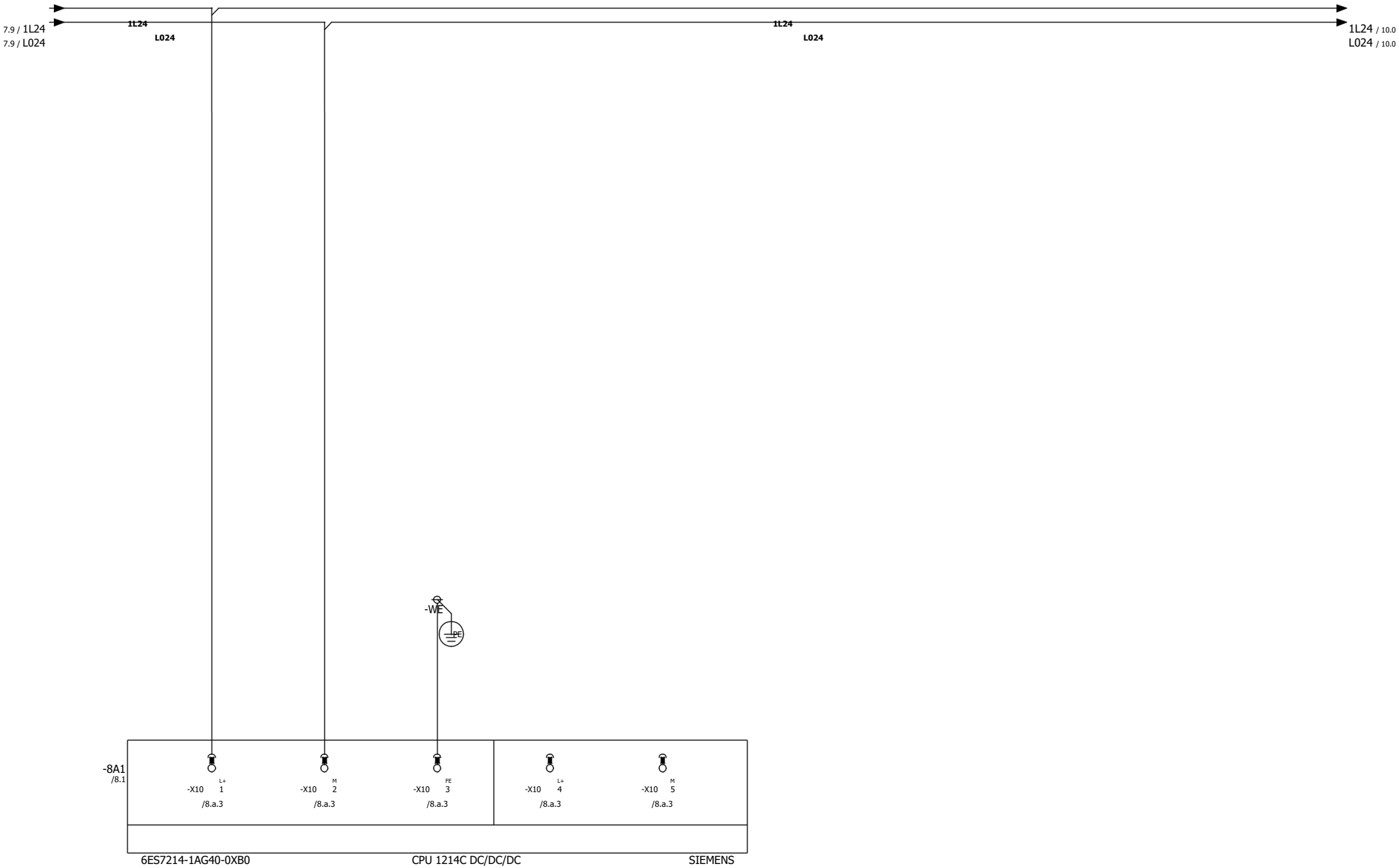


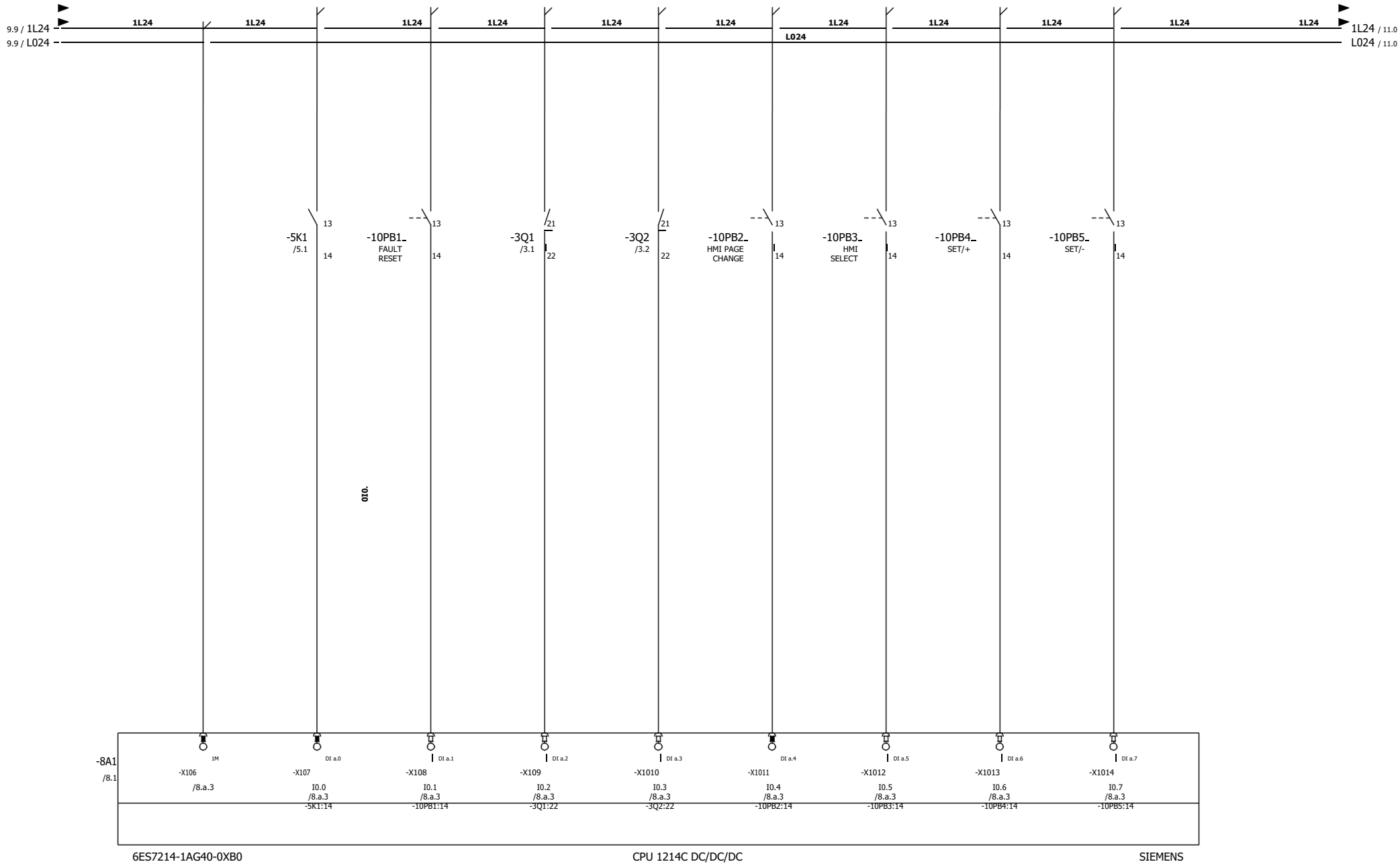
	-X10:1	/15.1		
	-X10:2	/15.2		
	-X10:3	/15.3		
	GND -X10:4			
IWX	AI 0+ -X10:5	/16.2	-16PT1:2	PREPARATION TANK LEVEL
IWX	AI 0- -X10:6	/16.2		
IWX+2	AI 1+ -X10:7	/16.3	-16PT2:2	STOCK TANK LEVEL
IWX+2	AI 1-	/16.4		

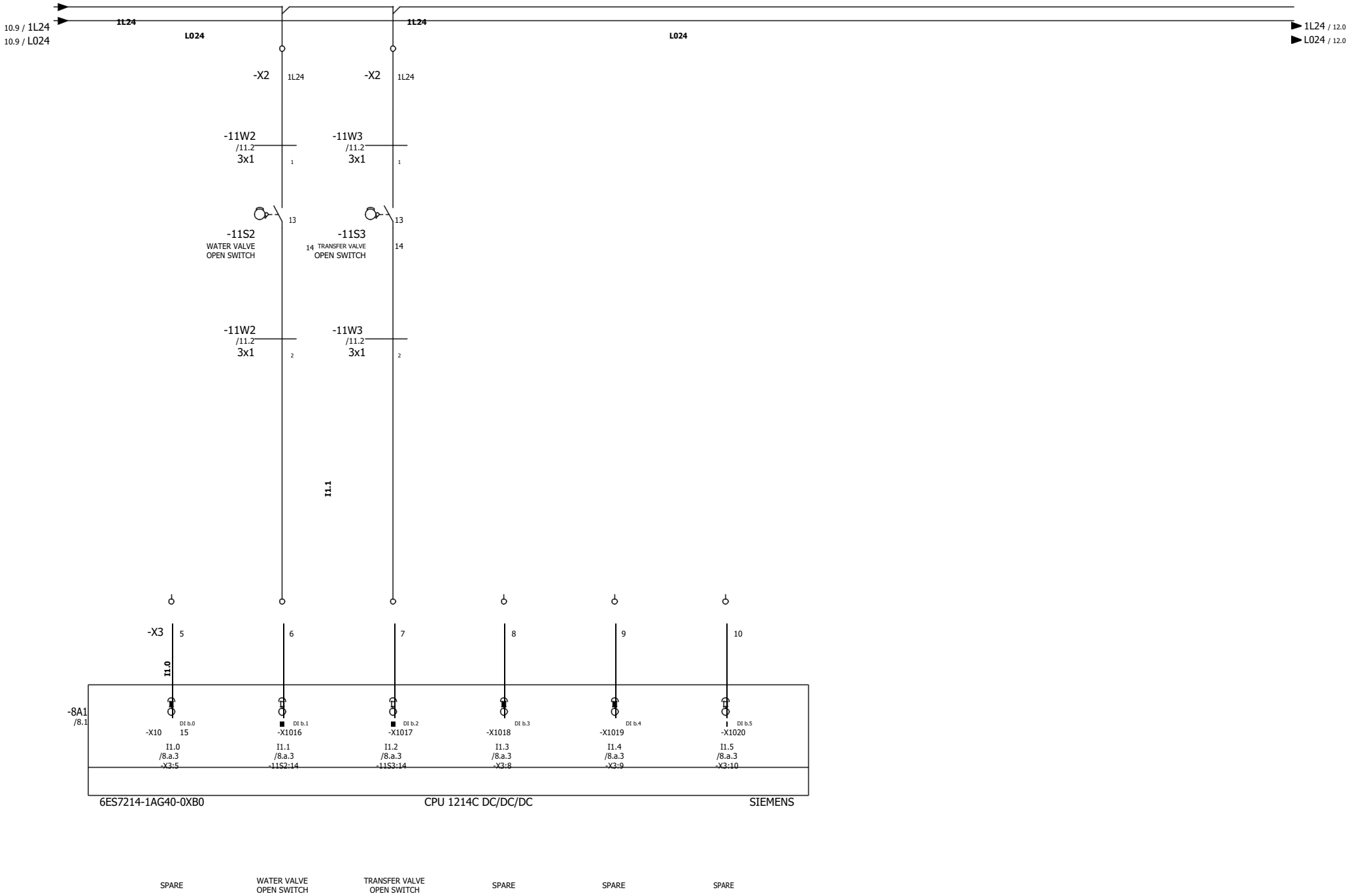


	-X11:1			
	n.c. -X11:2			
	n.c. -X11:3			
	n.c. -X11:4			
IWX+4	AI 2+ -X11:5	/16.5	-16FT1:1	WATER FLOWMETER
IWX+4	AI 2- -X11:6	/16.6		
IWX+6	AI 3+ -X11:7	/16.7	-X4:9	SPARE
IWX+6	AI 3-	/16.8		

6ES7231-4HD32-0XB0


7.9 / 1L24
7.9 / L024
1L24
L024
1L24
L024
1L24 / 10.0
L024 / 10.0
-WE
PE
-8A1
/8.1
-X10 1 L+
/8.a.3
-X10 2 M
/8.a.3
-X10 3 FE
/8.a.3
-X10 4 L+
/8.a.3
-X10 5 M
/8.a.3
6ES7214-1AG40-0XB0
CPU 1214C DC/DC/DC
SIEMENS


9.9 / 1L24
9.9 / L024
1L24
L024
1L24 / 11.0
L024 / 11.0
-5K1
/5.1
-10PB1_
FAULT
RESET
-3Q1
/3.1
-3Q2
/3.2
-10PB2_
HMI PAGE
CHANGE
-10PB3_
HMI
SELECT
-10PB4_
SET/+
-10PB5_
SET/-
.010
-8A1
/8.1
-X106
/8.a.3
-X107
I0.0
/8.a.3
-5K1:14
-X108
I0.1
/8.a.3
-10PB1:14
-X109
I0.2
/8.a.3
-3Q1:22
-X1010
I0.3
/8.a.3
-3Q2:22
-X1011
I0.4
/8.a.3
-10PB2:14
-X1012
I0.5
/8.a.3
-10PB3:14
-X1013
I0.6
/8.a.3
-10PB4:14
-X1014
I0.7
/8.a.3
-10PB5:14
6ES7214-1AG40-0XB0
CPU 1214C DC/DC/DC
SIEMENS
EMERGENCY STOP NORMAL
ALARM RESET
DOSAGE PUMP
OVERLOAD
AGITATOR
OVERLOAD
HMI PAGE
CHANGE
HMI
SELECT
SET/+
SET/-


10.9 / 1L24
10.9 / L024
1L24
L024
1L24
L024
1L24 / 12.0
L024 / 12.0
-X2
1L24
-X2
1L24
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/11.2
3x1
-11W3
/11.2
3x1
-11S2
WATER VALVE
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-11S3
TRANSFER VALVE
OPEN SWITCH
-11W2
/11.2
3x1
-11W3
/11.2
3x1
I1.1
-X3
I1.0
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/8.1
-X10
-X1016
-X1017
-X1018
-X1019
-X1020
I1.0
/8.a.3
-X3:5
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/8.a.3
-11S3:14
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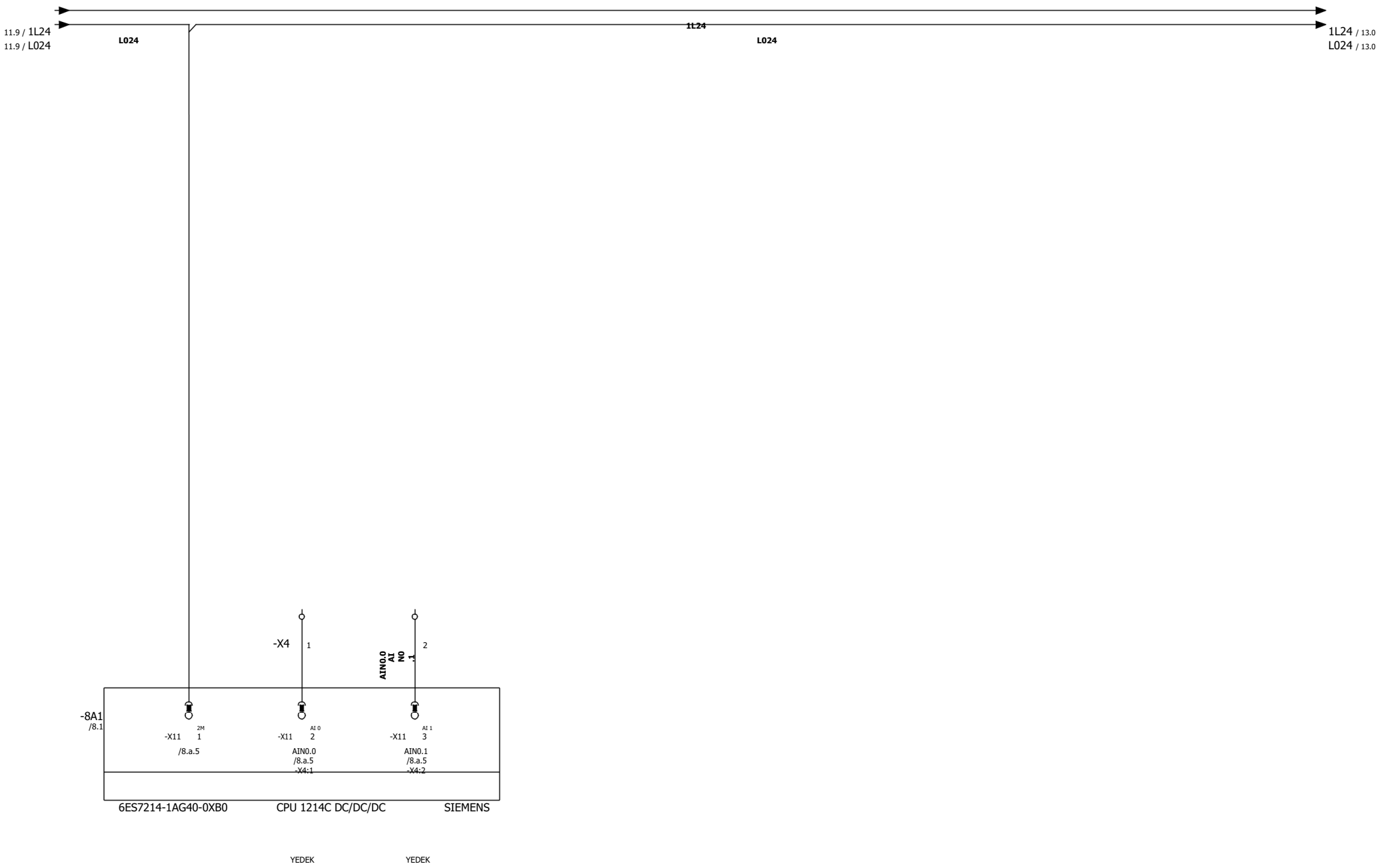
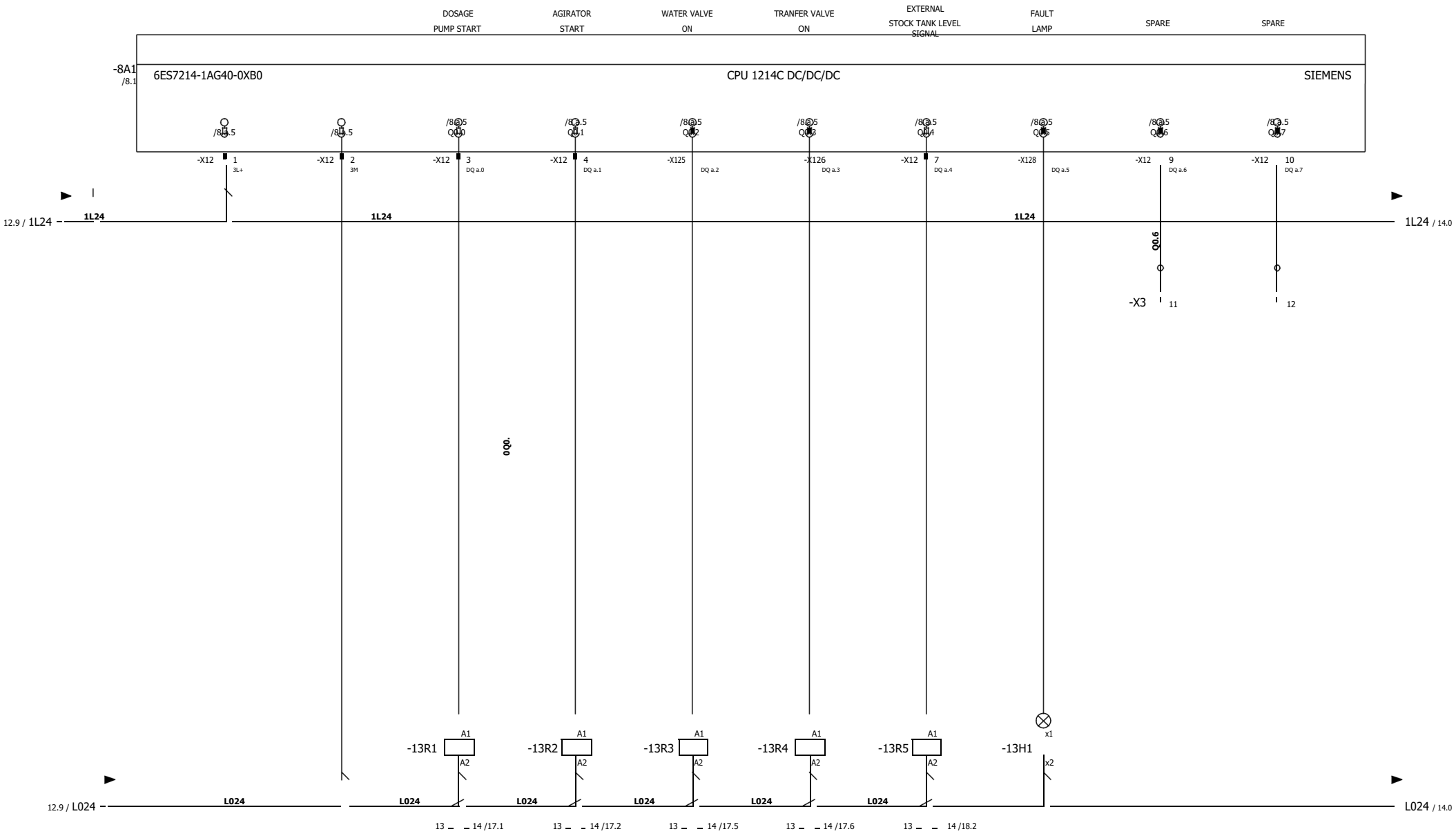
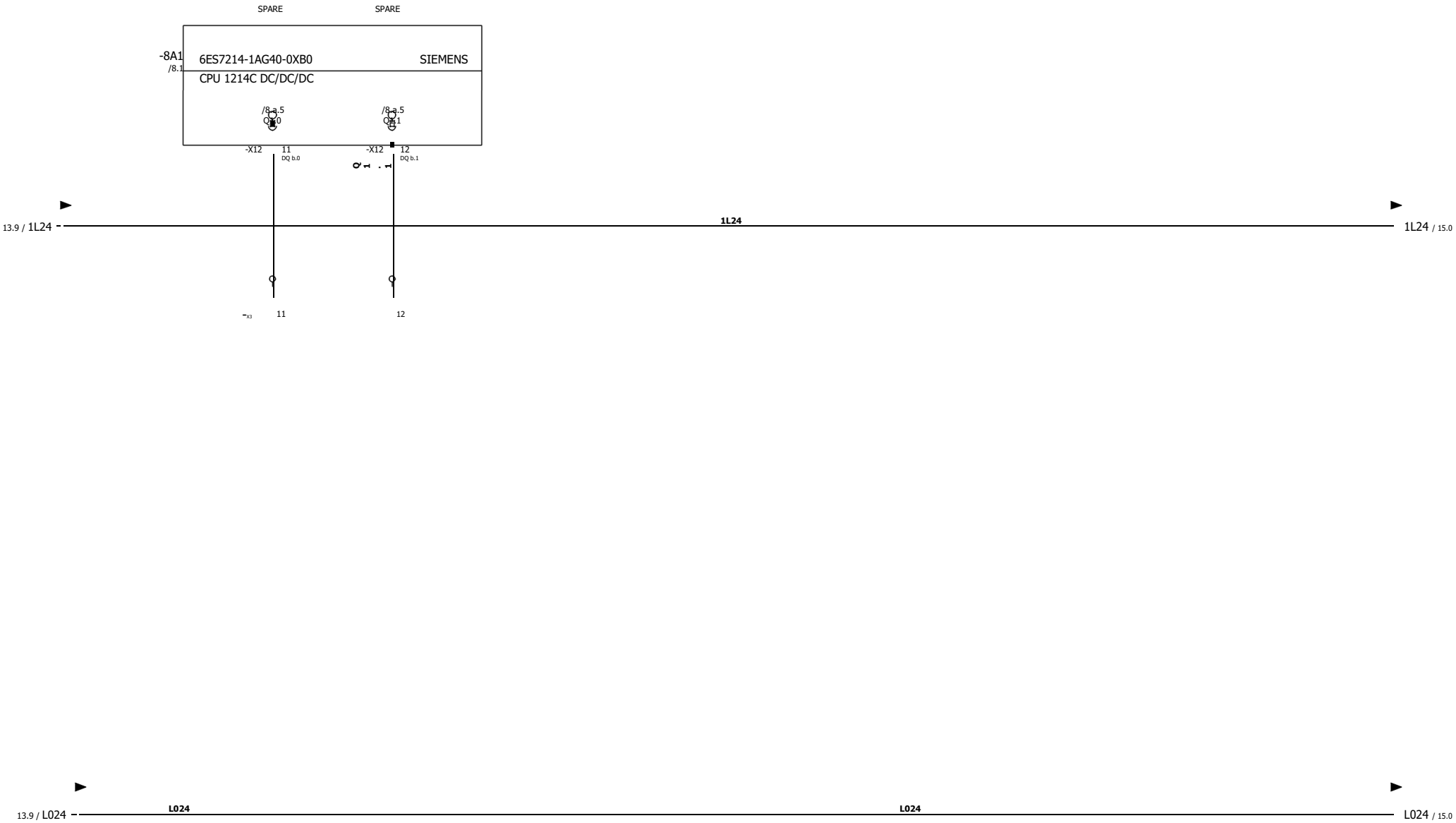
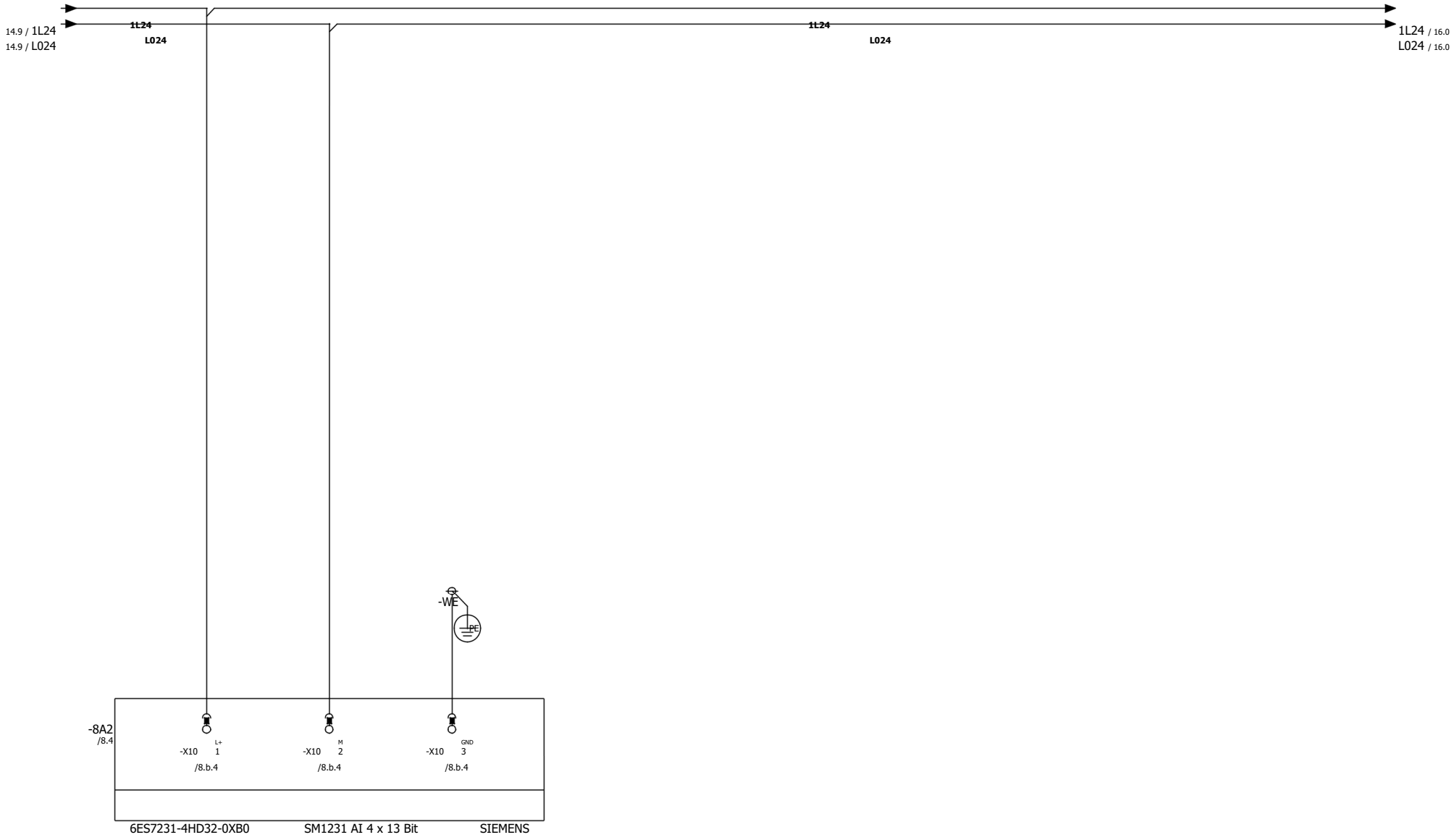
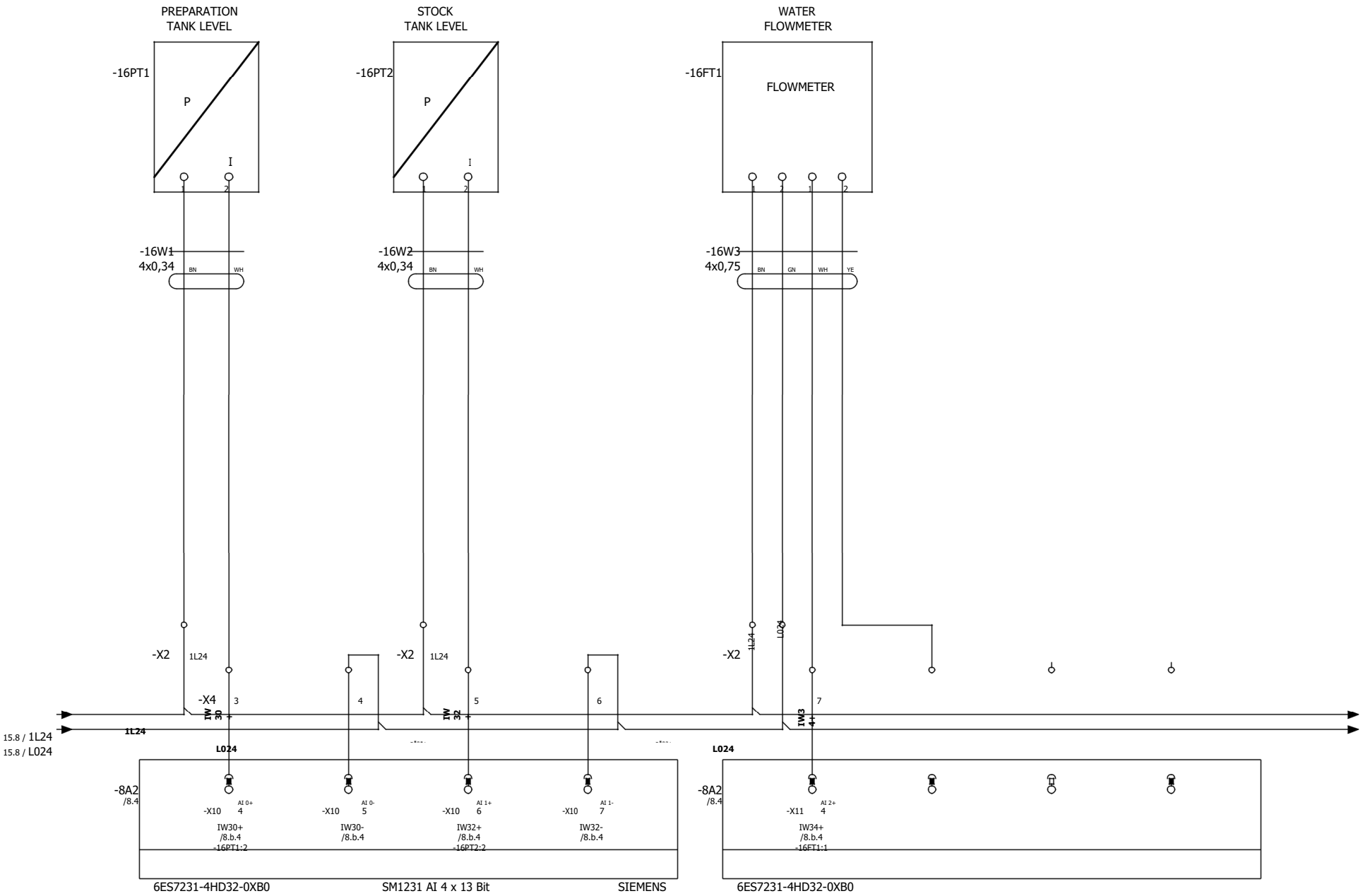
-X3:8
I1.4
/8.a.3
-X3:9
I1.5
/8.a.3
-X3:10
6ES7214-1AG40-0XB0
CPU 1214C DC/DC/DC
SIEMENS
SPARE
WATER VALVE
OPEN SWITCH
TRANSFER VALVE
OPEN SWITCH
SPARE
SPARE
SPARE

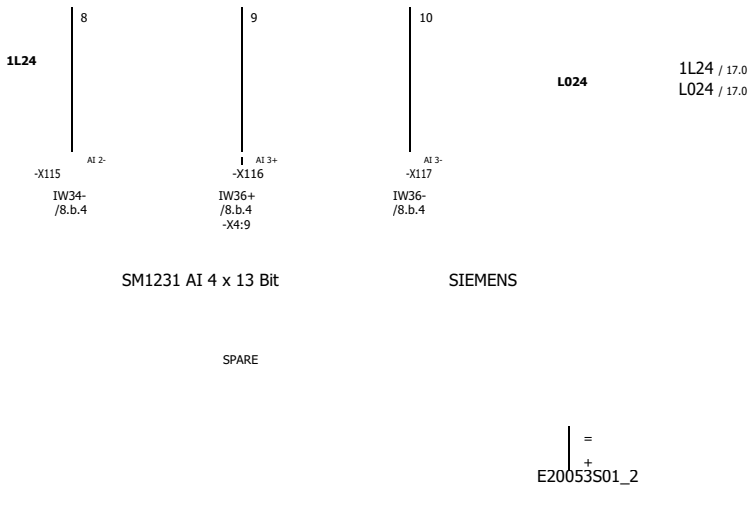

11.9 / 1L24
11.9 / L024
L024
1L24
L024
1L24 / 13.0
L024 / 13.0
-X4
1
2
AIN0.0
AI
N0
.1
-8A1
/8.1
2M
-X11
1
/8.a.5
AI 0
-X11
2
AIN0.0
/8.a.5
-X4:1
AI 1
-X11
3
AIN0.1
/8.a.5
-X4:2
6ES7214-1AG40-0XB0
CPU 1214C DC/DC/DC
SIEMENS
YEDEK
YEDEK

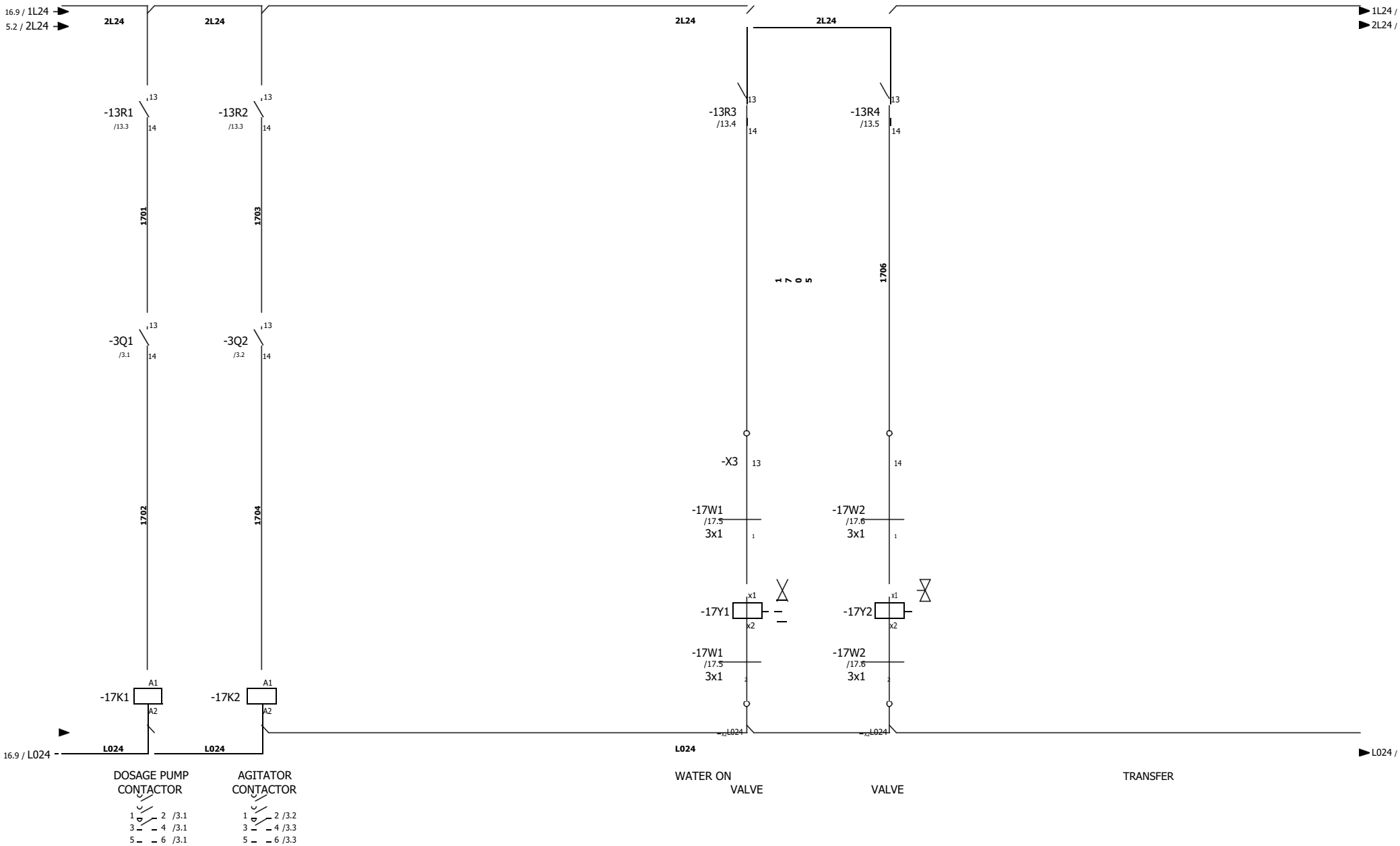

DOSAGE PUMP START
AGIRATOR START
WATER VALVE ON
TRANFER VALVE ON
EXTERNAL STOCK TANK LEVEL SIGNAL
FAULT LAMP
SPARE
SPARE
-8A1
/8.1
6ES7214-1AG40-0XB0
CPU 1214C DC/DC/DC
SIEMENS
-X12 1 3L+
-X12 2 3M
-X12 3 DQ a.0
-X12 4 DQ a.1
-X125 DQ a.2
-X126 DQ a.3
-X12 7 DQ a.4
-X128 DQ a.5
-X12 9 DQ a.6
-X12 10 DQ a.7
12.9 / 1L24
1L24
1L24 / 14.0
Q0.6
-X3 11
12
Q0.0
-13R1
-13R2
-13R3
-13R4
-13R5
-13H1
A1
A2
x1
x2
12.9 / L024
L024
L024 / 14.0
13 14 /17.1
13 14 /17.2
13 14 /17.5
13 14 /17.6
13 14 /18.2


SPARE
SPARE
-8A1
/8.1
6ES7214-1AG40-0XB0
SIEMENS
CPU 1214C DC/DC/DC
/8.a.5
Q1.0
/8.a.5
Q1.1
-X12
11
DQ b.0
-X12
12
DQ b.1
Q1.1
13.9 / 1L24
1L24
1L24 / 15.0
11
12
13.9 / L024
L024
L024
L024 / 15.0


14.9 / 1L24
14.9 / L024
1L24
L024
1L24
L024
1L24 / 16.0
L024 / 16.0
-WE
PE
-8A2
/8.4
L+
-X10 1
/8.b.4
M
-X10 2
/8.b.4
GND
-X10 3
/8.b.4
6ES7231-4HD32-0XB0
SM1231 AI 4 x 13 Bit
SIEMENS


PREPARATION
TANK LEVEL
STOCK
TANK LEVEL
WATER
FLOWMETER
-16PT1
P
I
-16PT2
P
I
-16FT1
FLOWMETER
-16W1
4x0,34
BN
WH
-16W2
4x0,34
BN
WH
-16W3
4x0,75
BN
GN
WH
YE
-X2
1L24
-X2
1L24
-X2
1L24
L024
-X4
3
4
5
6
7
IW 30 +
IW 32 +
IW3 4+
15.8 / 1L24
15.8 / L024
1L24
L024
L024
-8A2
/8.4
-X10
AI 0+
4
IW30+
/8.b.4
-16PT1:2
-X10
AI 0-
5
IW30-
/8.b.4
-X10
AI 1+
6
IW32+
/8.b.4
-16PT2:2
-X10
AI 1-
7
IW32-
/8.b.4
-8A2
/8.4
-X11
AI 2+
4
IW34+
/8.b.4
-16FT1:1
6ES7231-4HD32-0XB0
SM1231 AI 4 x 13 Bit
SIEMENS
6ES7231-4HD32-0XB0
PREPARATION TANK LEVEL
STOCK TANK LEVEL
WATER FLOWMETER


8
9
10
1L24
L024
1L24 / 17.0
L024 / 17.0
AI 2-
AI 3+
AI 3-
-X115
-X116
-X117
IW34-
/8.b.4
IW36+
/8.b.4
-X4:9
IW36-
/8.b.4
SM1231 AI 4 x 13 Bit
SIEMENS
SPARE
17
=
+
E20053S01_2
Page 16
Page 20



Modification	Date	Name	Original	Replaced by

TÜRK STANDARDLARI ENSTİTÜSÜ

TURKISH STANDARDS INSTITUTION

[1] **MODÜL B - AB TİP İNCELEME BELGESİ**

MODULE B- EU-TYPE EXAMINATION CERTIFICATE

[2] Muhtemel Patlayıcı Ortamda Kullanılan Teçhizat Ve Koruyucu Sistemler İle İlgili Yönetmelik (2014/34/AB)
Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

[3] AB Tip İnceleme Belgesi Numarası: **TSE 19ATEX0121 X**
EU-Type Examination Certificate Number:

[4] **Teçhizat veya Koruyucu Sistem:** Elektrik Dağıtım Kutusu EJB.SZ MT RT tipi
Equipment or Protective System: *EJB.SZ MT RT type Electrc Junction Box*

[5] **Üretici:** Asilsan Mühendislik İthalat İhracat Sanayi ve Ticaret A.Ş.
Manufacturer:

[6] **Adres:** Merkez Mah. 20. Sk. Zafer Apt. No:12/3 Gölcük Kocaeli TÜRKİYE
Address:

[7] Bu teçhizatın veya koruyucu sisteminin kabul edilebilir tipleri, belge ekinde ve belirtilen dokümanlarda tanımlanmıştır.
This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[8] 1783 onaylanmış kuruluş numarasına sahip TSE; Yönetmeliğin Ek II bölümünde verilen "Muhtemel Patlayıcı Ortamlarda Kullanılan Teçhizat veya Koruyucu Sistemlerin Tasarım ve Yapısına Dair Temel Sağlık ve Güvenlik Gerekleri'ne uygun olduğunu onaylar.
Turkish Standards Institute Notified body number 1783 in accordance with Article 17 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for safe use in potentially explosive atmospheres given in Annex II to the Directive.

İnceleme sonuçları aşağıdaki rapor ile kayıt altına alınmıştır
The examination and test results are recorded in confidential Report No. 1946- ATEX-146 / 2019-01

[9] Temel sağlık ve güvenlik şartları gereklilikleri aşağıda belirtilen Standard(lar)a göre sağlanmıştır:
Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012+A11:2013, EN 60079-1:2014

[10] Eğer "X" işareti belge numarasından sonra yer alıyorsa, bu teçhizat veya koruyucu sistemin belge ekinde belirtilmiş güvenli kullanımla ilgili özel şartları kapsadığını belirtir.
If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions of safe use specified in the schedule to this certificate.

[11] 2014/34/AB Yönetmeliği EK III'e göre düzenlenen bu belge, teçhizat veya koruyucu sistemin tasarım, muayene ve testleriyle ilgilidir. Yönetmeliğin gerekleri üretim sürecini ve bu teçhizatın veya koruyucu sistemin tedarik edilmesini de kapsar ancak bu hususlar belgenin kapsamında değildir.
This EU-TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 2014/34/EU.
Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

[12] Teçhizatın veya koruyucu sistemin işaretlemesi aşağıdakileri içermelidir:
The marking of the equipment or protective system shall include the following:

II 2G Ex db IIB T6 Gb,
IP 65
-20 °C≤ Tamb≤ + 40 °C

Proje No: 1946-19/55928
Project File No.

Bu AB Tip İnceleme Belgesinin son geçerlilik tarihi: 08.04.2024
This EU Type Examination Certificate is valid till:

Sezai DOĞAN
Direktifler Müdürü
Director of Directives
08.04.2019

Bu belge sadece tamamını içerecek şekilde ve hiçbir değişiklik yapılmadan ekiyle birlikte çoğaltılabilir.
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This certificate cannot be altered, partially dublicated or ereased for misunderstanding.

[13]

EK
Schedule

[14] **AB Tip İnceleme Belgesi No:** TSE 19ATEX0121 X
Eu-Type Examination Certificate N°

[15] **Teçhizatın veya Koruyucu Sistemin Tanımı;**
Description of Equipment or Protective System:

EJB serisi Elektrik Dağıtım Kutusu "d" tipi koruma sınıfına sahip, alüminyum gövdeli elektrik buat kutusudur. Sekiz adet farklı kutu ölçüsüne sahip EJB serisi elektrik dağıtım kutusunun kutu ölçü değerleri teknik çizimlerde yer almaktadır.
EJB series Electric Distribution Box is an electric box with an aluminum body with a protection class "d" type. Box dimensions of EJB series power distribution box with eight different box sizes are given technical drawings.

Tip İşaretlemesi / *Type Keying:*

EJB.SZ MT RT

SZ (EJB Kutu Ölçüsü / *EJB Box Dimension*)	**MT (Montaj tipi / *type of installation*)**	**RT**
1	SB: START/STOP BUTONU / *start-stop button*	FG: Camlı/ *Flat Glass*
2	AB: Acil Durdurma butonu / *Emergency stop button*	Boş bırakılması halinde düz / *if emty, it means flat*
3	RB: Döner Anahtar / *Rotating switch*	
4		
5		
6		
7		
8		

Çalışma Voltajı /*Operating Voltage:* 24 Vac – 800 Vac
Frekans / *Frequency:* 50/60 Hz

EJB serisi Elektrik dağıtım Kutusu teknik çizimleri [19]. Bölüm Dokümantasyon Listesinde verilmiştir.
Technical drawings of the EJB series electric Junction Box are given in [19] List of Documentation.

[16] **Rapor Numaraları/ *Test Reports***
Temel Gerekler Raporu: : 1946- ATEX-146 / 2019-01
Essential Requirements Report
Muayene ve Deney Raporu: : TSE Ex Laboratuvarı raporu/ *TSE Ex Laboratory report*
Test and Examination Report 461018/03-19

[17] **Güvenli Kullanım için Özel Şartlar / *Special conditions for safe use* :**
17.1 Bu AB tip inceleme sertifikasının sahibi olan üretici firma, ürününü piyasaya sürmek için 2014/34/AB yönetmeliği doğrultusunda gerekli üretim kalite kontrol şartlarını yerine getirmekle mükelleftir.
The manufacturer as the holder of this EU type examination certificate , is required to comply with the production control requirements in accordance with the directive 2014/34/EU for marketing its product.

17.2 Üretimde kullanılan her bir döküm mahfaza en az 10 saniye süre ile rutin 10 bar basınç ile test edilmeli ve test edilen parçalarda hiçbir kalıcı deformasyon veya basınç kaybına neden olacak sızdırma durumu gözlenmemelidir.

TÜRK STANDARTLARI ENSTİTÜSÜ DİREKTİFLER MÜDÜRLÜĞÜ DIRECTORATE OF DIRECTIVE TURKISH STANDARDS INSTITUTION CE 1783

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[13]

EK
Schedule

[14] **AB Tip İnceleme Belgesi No:** TSE 19ATEX0121 X
Eu-Type Examination Certificate N°

Each and every casted enclosure shall be tested for a minimum of 10 seconds at a pressure of 10 bars and there shall not be any permanent deformations or leakages that could cause pressure loss during testing.

17.3 Cihaz alev yolu boyutları üreticinin imalat resimlerinde belirtilmiştir. Alev yüzeylerindeki bu boyut bilgileri için üretici ile temasa geçilmelidir.
Equipment flamepaths are specified in the manufacturer's drawings. For information regarding the dimensions of the flameproof joints, the manufacturer should be contacted.

17.4 Dış elektrik bağlantısı ATEX yönetmeliğine uygun(belgeli) kablo rakoru ile gerçekleştirilmelidir.
The external electrical connection must be made with a cable gland conforming to the ATEX directive (certified).

17.5 Kablo rakoru kullanılmayan delikler sertifikalı tapa ile kapatılmalıdır.
Unused holes in the cable gland should be covered with a certified cap.

[18] **Temel Sağlık ve Güvenlik Gerekleri/ *Essential Health and Safety Requirements (EHSRs)*:**
İlgili Temel Sağlık ve Güvenlik Gerekleri [9]. bölümde belirtilen standartlara göre sağlanmıştır.
The relevant EHSRs are covered by the standard mentioned in [9], according which the product was verified and in the manufacturer's instruction for use.

[19] **Dokümantasyon Listesi/ *List of Documentation:***

Doküman Numarası / *Document No*	**İsim/ *Name***	**Tarih/*Date***
A17.05.00	EJB Montaj / Mounting	28.02.2019
A17.05.01	EJB serisi ölçüler Teknik Resmi / *Dimensions Technical Drawing*	28.02.2019
A17.05.02	EJB Gövde Teknik resmi / *EJB Body Tech. Drawing*	28.02.2019
A17.05.03	EJB Kapak teknik Resmi / *EJB Cover Tech. Drawing*	28.02.2019
A17.05.04	EJB7 Gövde Teknik Resmi / *EJB7 Body Tech. Drawing*	28.02.2019
A17.05.05	EJB7 Kapak Teknik Resmi / *EJB7 Cover Tech. Drawing*	28.02.2019
A17.05.06	EJB6 Gövde Teknik Resmi / *EJB6 Body Tech. Drawing*	28.02.2019
A17.05.07	EJB6 Kapak Teknik Resmi / *EJB6 Cover Tech. Drawing*	28.02.2019
A17.05.08	EJB4 Gövde Teknik Resmi / *EJB4 Body Tech. Drawing*	28.02.2019
A17.05.09	EJB4 Kapak Teknik Resmi / *EJB4 Cover Tech. Drawing*	28.02.2019
A17.05.10	EJB3 Gövde Teknik Resmi / *EJB3 Body Tech. Drawing*	28.02.2019
A17.05.11	EJB3 Kapak Teknik Resmi / *EJB3 Cover Tech. Drawing*	28.02.2019
A17.05.12	EJB2 Gövde Teknik Resmi / *EJB2 Body Tech. Drawing*	28.02.2019
A17.05.13	EJB2 Kapak Teknik Resmi / *EJB2 Cover Tech. Drawing*	28.02.2019
A17.05.14	EJB1 Gövde Teknik Resmi / *EJB1 Body Tech. Drawing*	28.02.2019
A17.05.15	EJB1 Kapak Teknik Resmi / *EJB1 Cover Tech. Drawing*	28.02.2019
A17.05.16	EJB Gövde teknik Resmi / *EJB Body technical drawing*	28.02.2019
A17.05.17	EJB0 Kapak teknik Resmi / *EJB0 CoverTechnical drawing*	28.02.2019
A17.05.18	Montaj Plakası Teknik Resmi / *Label plate Tecknical drawing*	28.02.2019
A17.05.19	O ring Teknik resmi / *O-ring technical drawing*	28.02.2019
A17.05.20	Kullanılan civatalar teknik resmi / *Used bolt technical drawing*	28.02.2019
A17.05.21	EJB Cam Teknik Resmi / *EJB Window Tecknical drawing*	28.02.2019
A17.05.22	EJB Cam Teknik Resmi / *EJB Window Tecknical drawing*	28.02.2019
A17.05.23	EJB Kablo Rakor Sayısı / *Number of Glends*	28.02.2019
A17.05.24	EJB ekipmanları teknik resmi / *EJB component technical drawing*	28.02.2019
EJB 19.03.01/00	EJBTeknik dosya / *EJB Technical File*	-

TÜRK STANDARTLARI ENSTİTÜSÜ DİREKTİFLER MÜDÜRLÜĞÜ DIRECTORATE OF DIRECTIVE TURKISH STANDARDS INSTITUTION CE 1783 TSE

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Veriliş Tarihi/ *Date of issue*: 08.04.2019

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防 爆 合 格 证

CONFORMITY CERTIFICATE OF EXPLOSION-PROOF

证 号
Certificate No. CE19.3194

产品名称 Name of Product	电磁流量计
型号及规格 Type of Product	BTLD
防爆标志 Marking	**Ex d ia (ia Ga) q II C T6 Gb**
技术文件 Technical Documents	Q/BT 001-2014
图号 Drawing No.	DCLLJ-00
备注 Note (s)	1. 额定电压：DC24V。 2. 外壳防护等级：IP66。

经对上述产品图样及技术文件的审查和样品的检验，其符合以下标准

By verifying the drawings and technical documents and checking samples, the product complies with the followingstandards

GB 3836.1-2010 GB 3836.2-2010 GB 3836.4-2010 GB/T 3836.7-2017

发 给：
Issued to: 开封百特流量仪表有限公司

本证失效日期：
Date of Expire: 2024-11-22

发证日期：
Date of Issue: 2019-11-22

中心印章
Center seal

中心主任
Director

国家防爆产品质量监督检验中心（天津）
（石油和化学工业电气产品防爆质量监督检验中心）
National Ex-Product Quality Supervision and Inspection Center(TianJin)

注：本证仅对与送检样品一致的产品有效
Note: This certificate is only valid for the products that are in accord with sample(s) tested and verified.

中心地址:中国天津市丁字沽三号路85号 邮政编码:300131 电话/传真:022-26651066/26689116
Center Add: No.85 No.3 Road DingZiGu Tianjin China Post code: 300131 Tel/ Fax: 022-26651066/26689116
E-mail:pcec@pcec.com.cn http://www.pcec.com.cn

ЕВРАЗИЙСКИЙ ЭКОНОМИЧЕСКИЙ СОЮЗ

СЕРТИФИКАТ СООТВЕТСТВИЯ

ЕАС

№ ЕАЭС RU C-DE.HA65.B.00279/19

Серия RU № 0188500

ОРГАН ПО СЕРТИФИКАЦИИ Орган по сертификации продукции Общества с ограниченной ответственностью «ТехБезопасность» (ОС ООО «ТехБезопасность») Адрес места нахождения юридического лица: 127486, Россия, город Москва, улица Дегунинская, дом 1, корпус 2, этаж 3, помещение 1, комната 19. Адрес места осуществления деятельности в области аккредитации: 105066, Россия, город Москва, улица Нижняя Красносельская , дом 35, строение 64, комната 22 "в". Номер аттестата аккредитации (регистрационный номер) RA.RU.11НА65. Дата внесения в реестр сведений об аккредитованном лице - 10.08.2018. Телефон: +74952081646, адрес электронной почты: teh-bez@inbox.ru.

ЗАЯВИТЕЛЬ

Общество с ограниченной ответственностью «ИФМ-электроник» Основной государственный регистрационный номер 1037728013597. Место нахождения (адрес юридического лица) и адрес места осуществления деятельности: 105318, Россия, город Москва, улица Ибрагимова, дом 31.
Телефон: +749592 14414, адрес электронной почты: info.ru@ifm.com

ИЗГОТОВИТЕЛЬ

ifm electronic gmbh.
Место нахождения (адрес юридического лица): Friedrichstrasse 1, D-45128 Essen, Германия
Адреса места осуществления деятельности по изготовлению продукции: ifm-Strasse 1, D-88069 Tettnang, Германия

ПРОДУКЦИЯ

Датчики давления типа: PS307A, PS308A, PS317A, PN004A, PN006A, PN007A, PN009A, PN014A, PN016A, PI003A, PI008A, PI009A. Маркировки взрывозащиты и защиты от воспламенения горючей пыли и иные сведения о продукции, обеспечивающие ее идентификацию, приведены на листах 1 и 2 приложения (бланки №№ 0702246, 0702247).
Серийный выпуск.

КОД ТН ВЭД ЕАЭС 9026 20 200 0

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ Технического регламента Таможенного союза «О безопасности оборудования для работы во взрывоопасных средах» (ТР ТС 012/2011)

СЕРТИФИКАТ СООТВЕТСТВИЯ ВЫДАН НА ОСНОВАНИИ

Протокола испытаний № 0354-ИИ-01 от 30.09.2019 года Испытательной лаборатории взрывозащищенного оборудования Общества с ограниченной ответственностью "ТЕХБЕЗОПАСНОСТЬ", аттестат аккредитации RA.RU.21НВ54 от 26.03.2018. Акта анализа состояния производства № 0354-АСП от 10.07.2019. Технической документации изготовителя согласно листу 2 приложения (бланк № 0702247). Схема сертификации 1с.

ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ

Стандарты и иные нормативные документы, применяемые при подтверждении соответствия, приведены на листе 3 приложения (бланк № 0702248). Срок службы (годности) – не менее 5 лет. Условия хранения: температура при хранении согласно сопроводительной эксплуатационной документации, относительная влажность воздуха - 90 % без конденсата. Гарантийный срок хранения - 5 лет. Перечень предприятий-изготовителей продукции приведен на листе 4 приложения (бланк № 0702249).

СРОК ДЕЙСТВИЯ С 01.10.2019 **ПО** 30.09.2024
ВКЛЮЧИТЕЛЬНО

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