

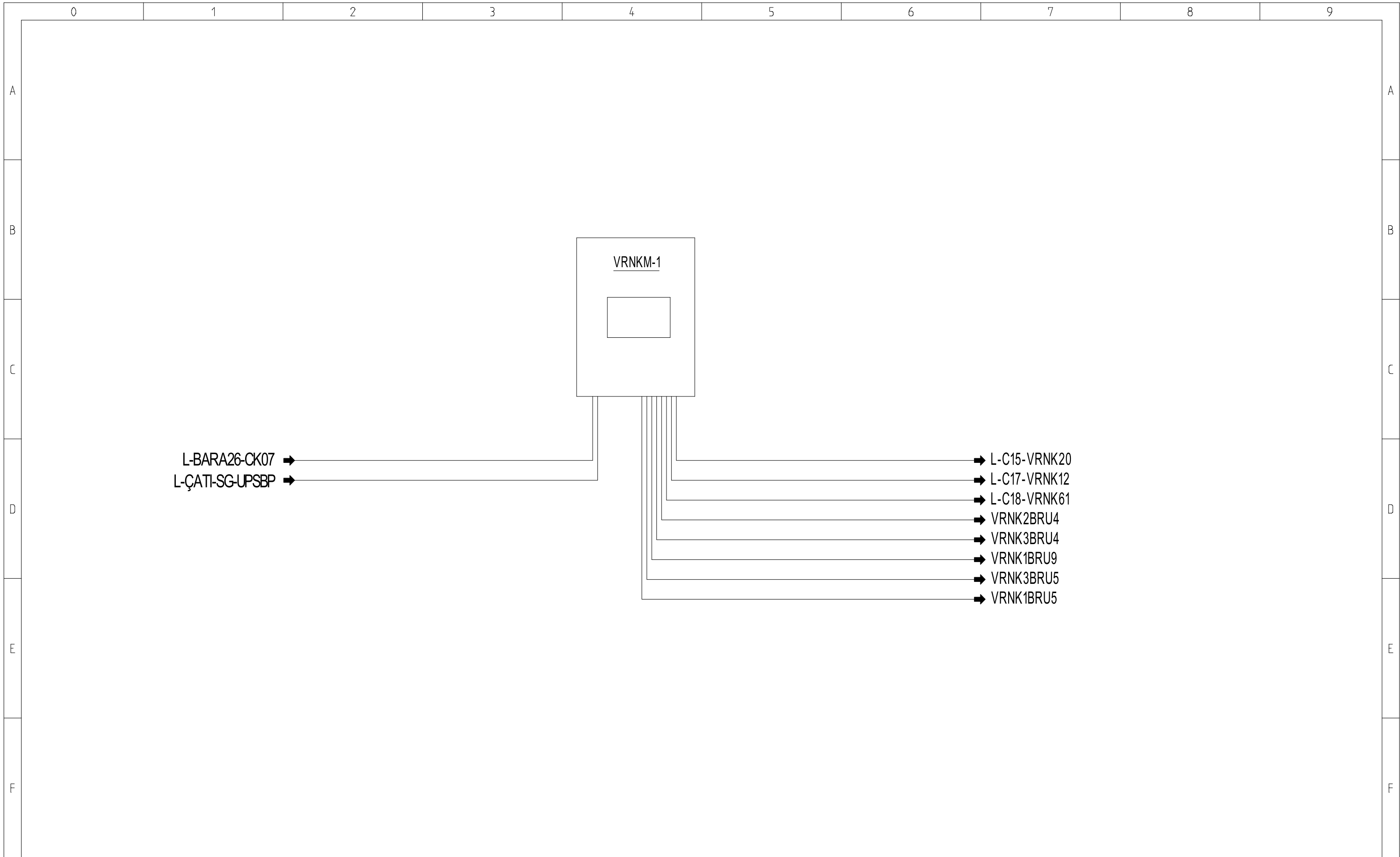


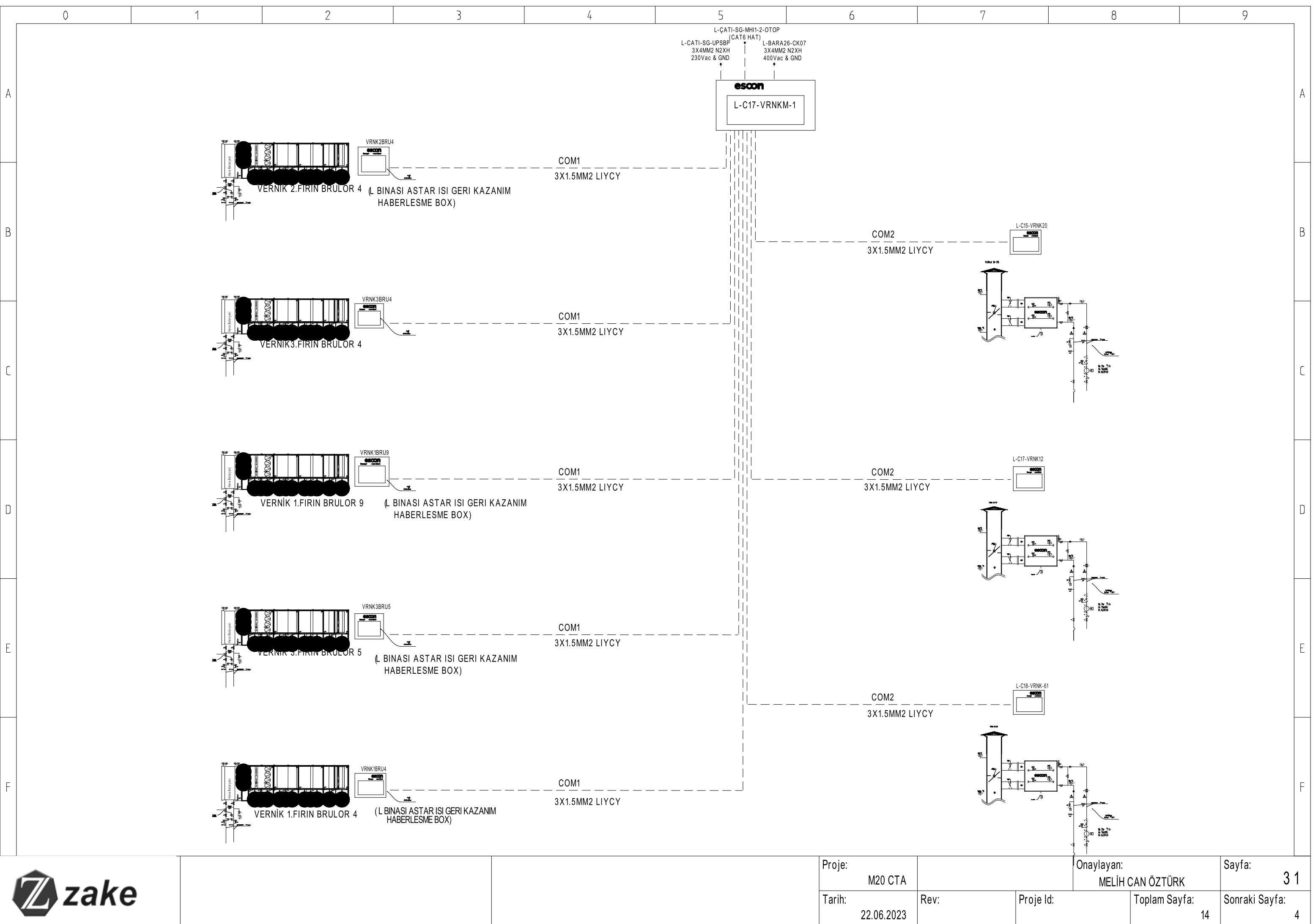
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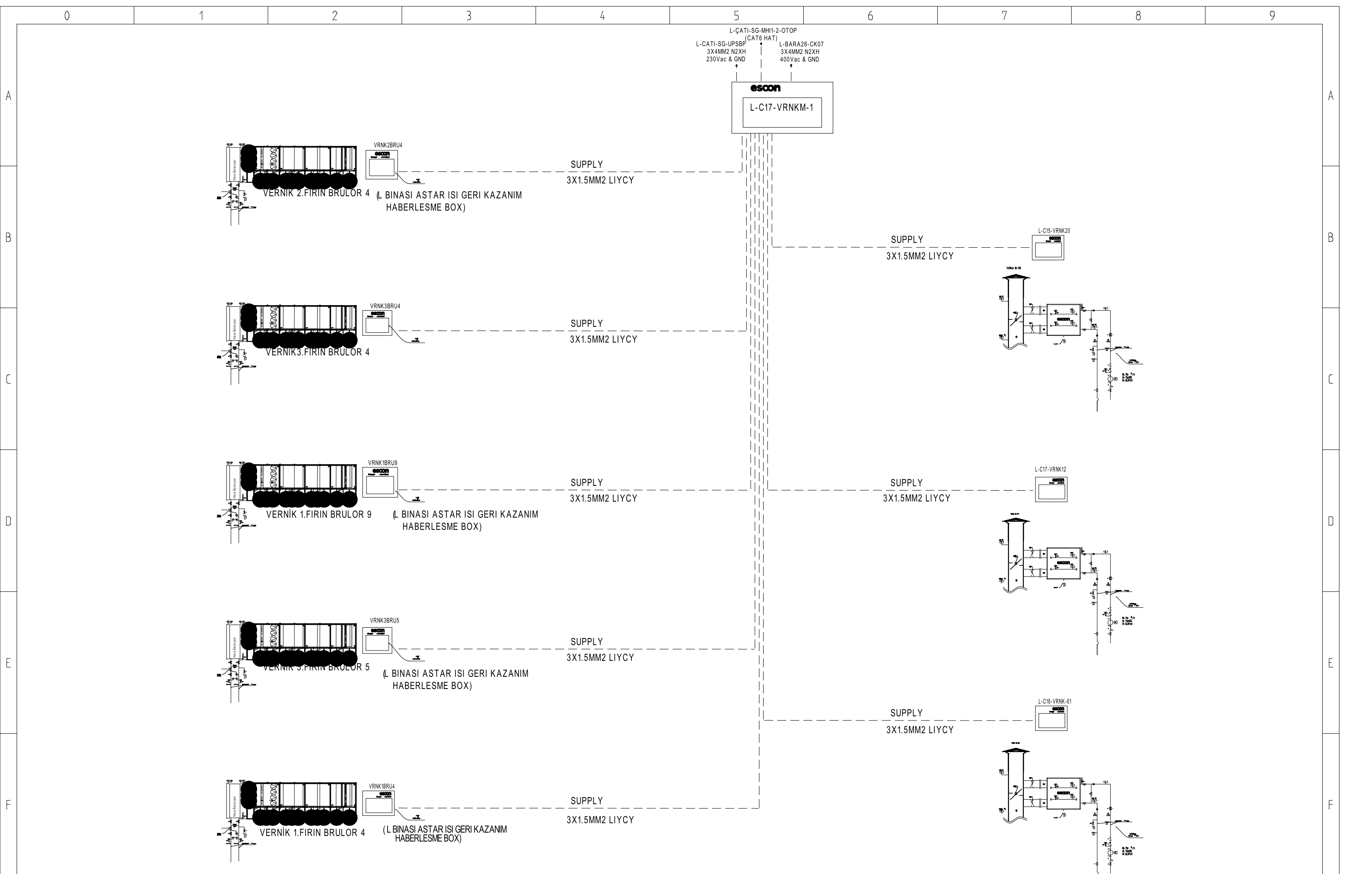
M10 MASTER CONTROL SYSTEM			ID	23006
			DATE	20.02.2023
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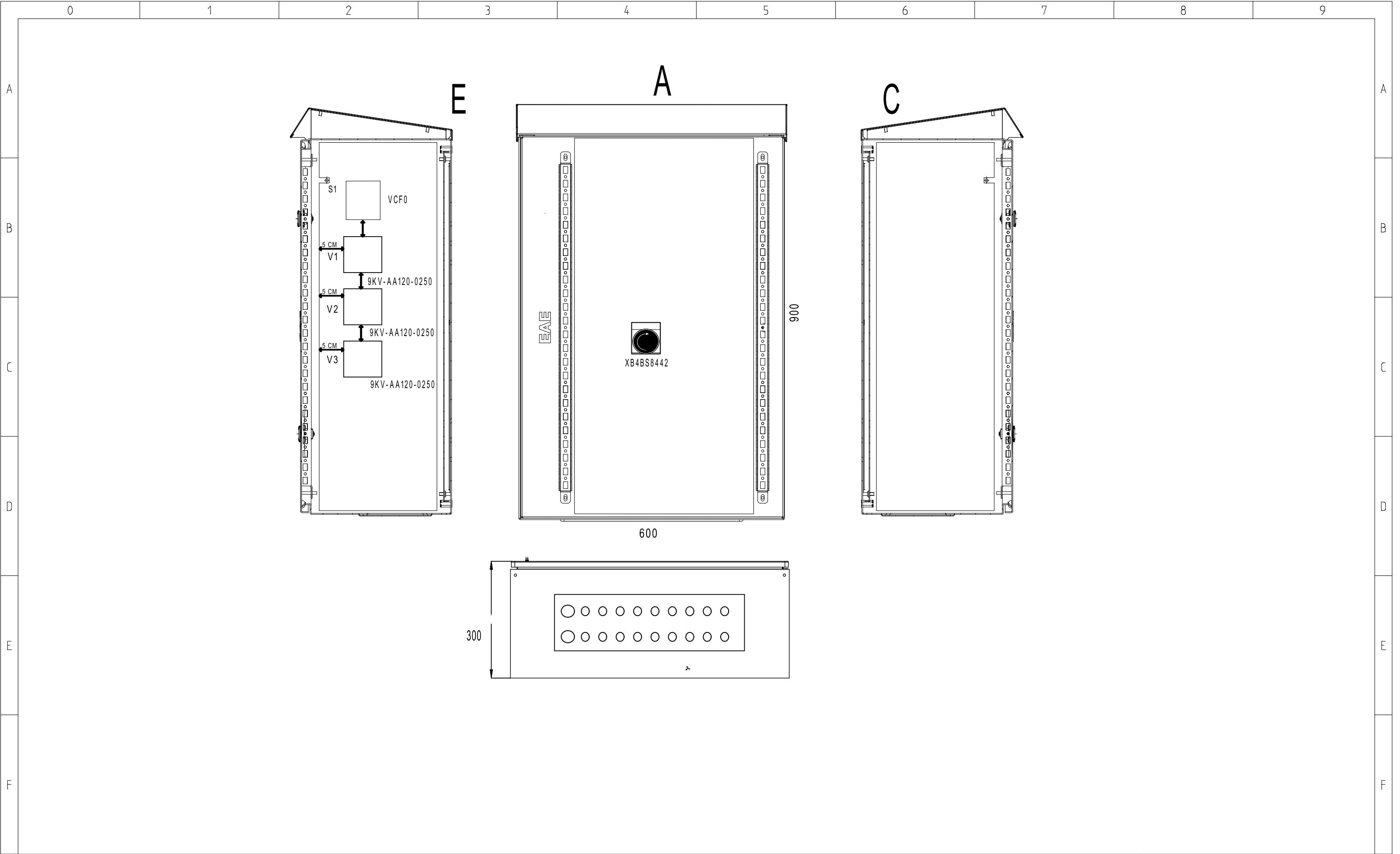
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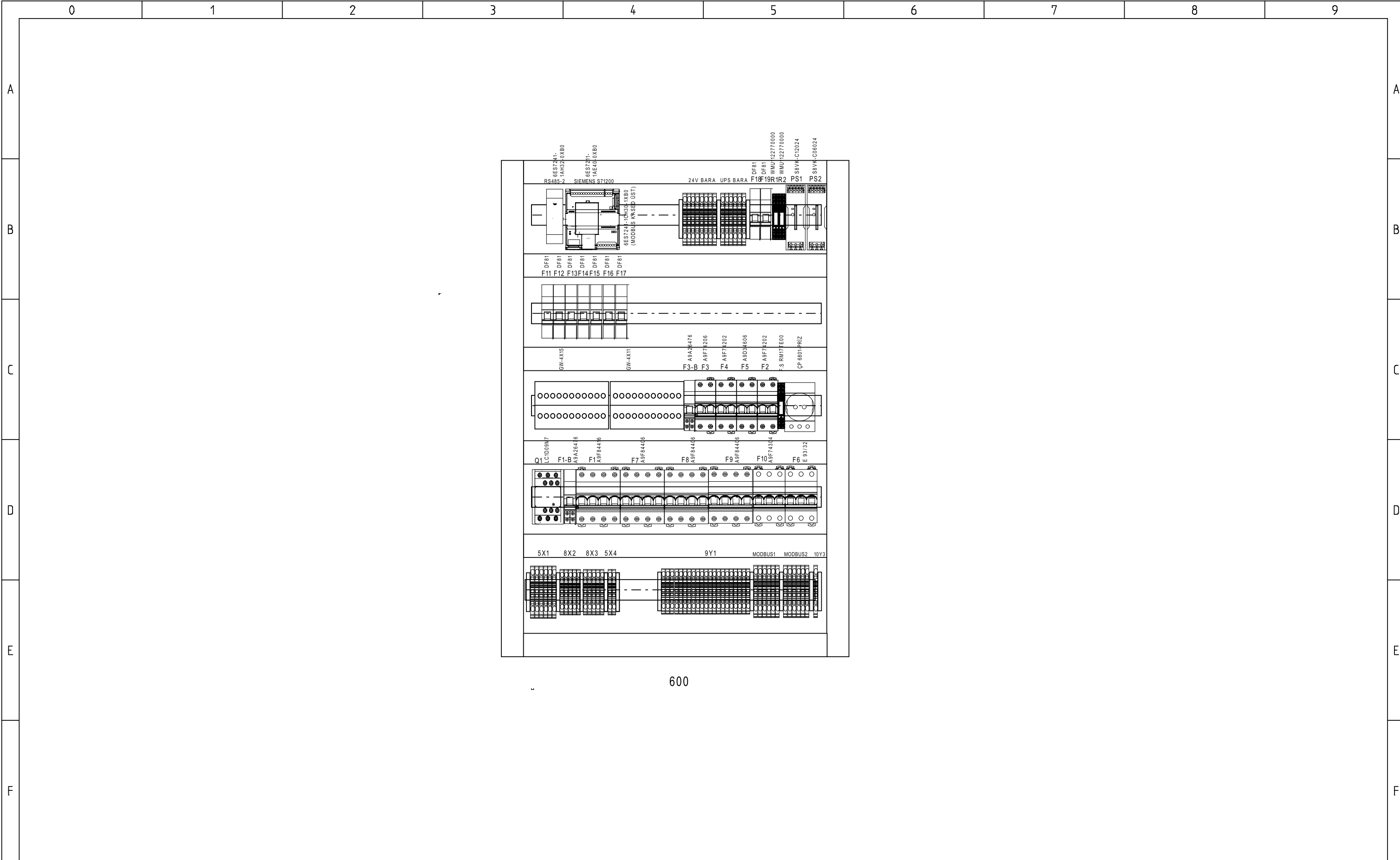
	Modifications Since Previous Revision	<div style="text-align: center;"> <h1>M10 MASTER</h1> <h2>A LIST OF DOCUMENTS</h2> </div>	Document Number:	Sheet: 1 of 17	Rev. Date:	Rev.:
Modification #1					Cre. Date: 9.04.2023	
Modification #2			Sheet Created by:			
Modification #3						

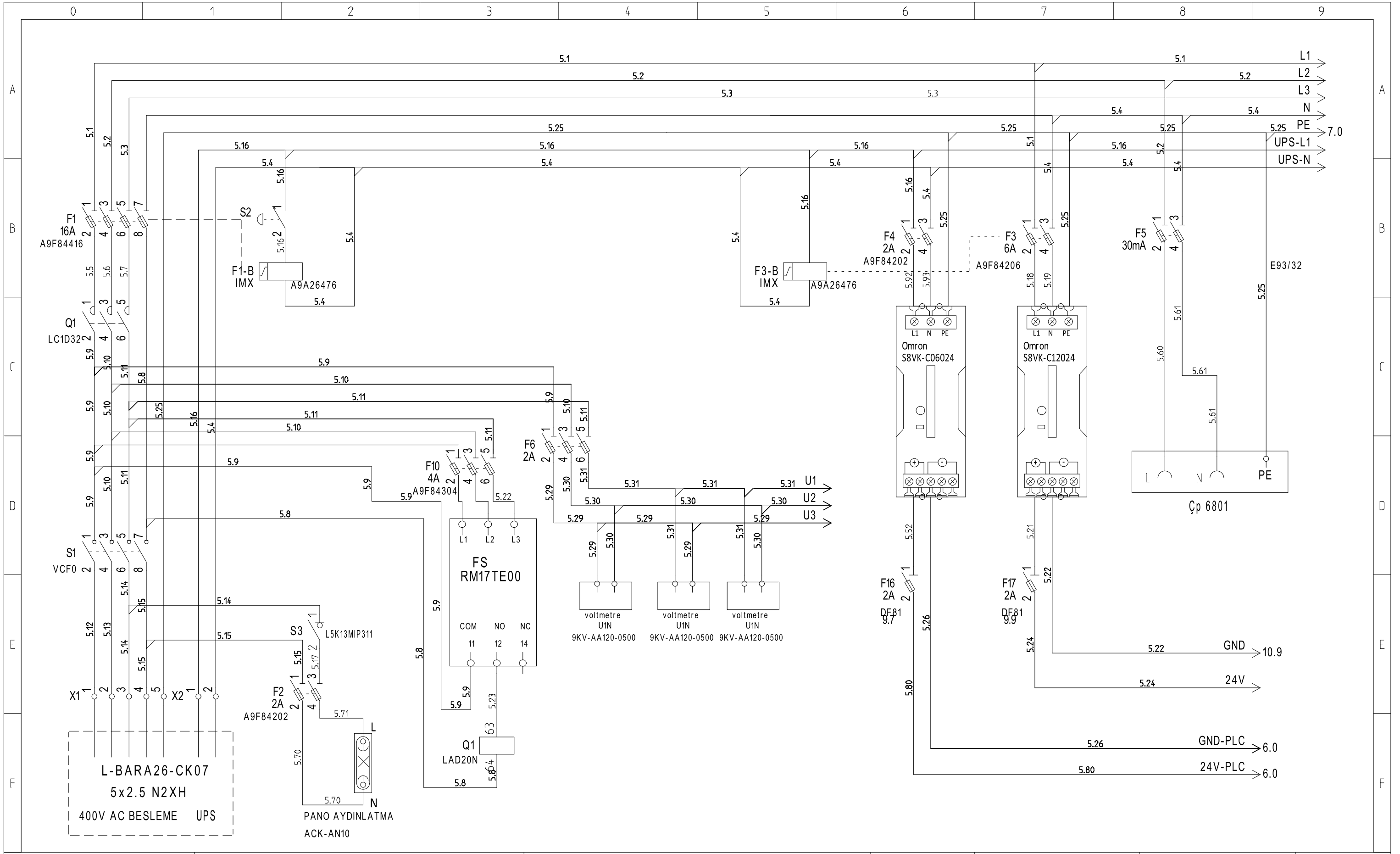


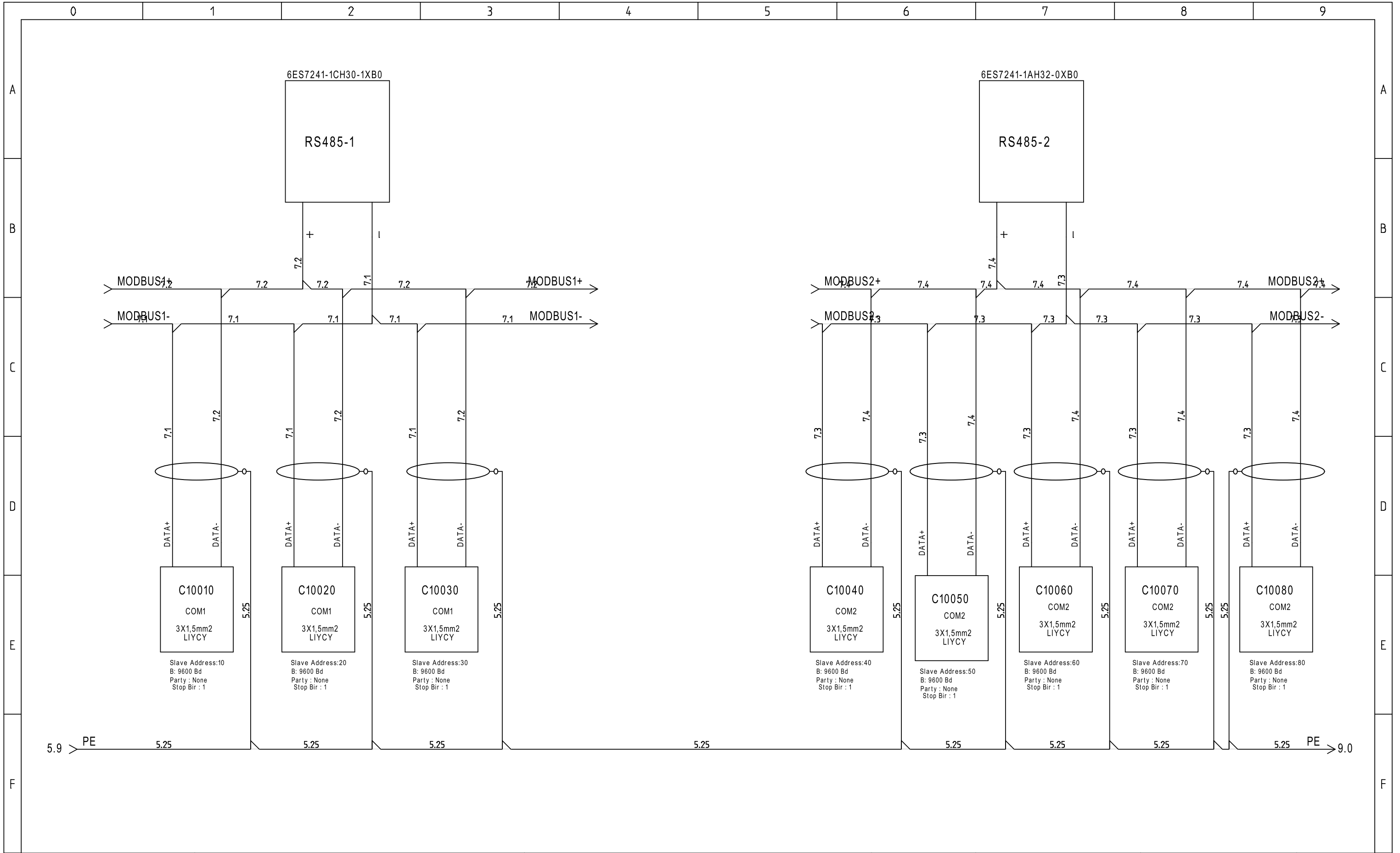


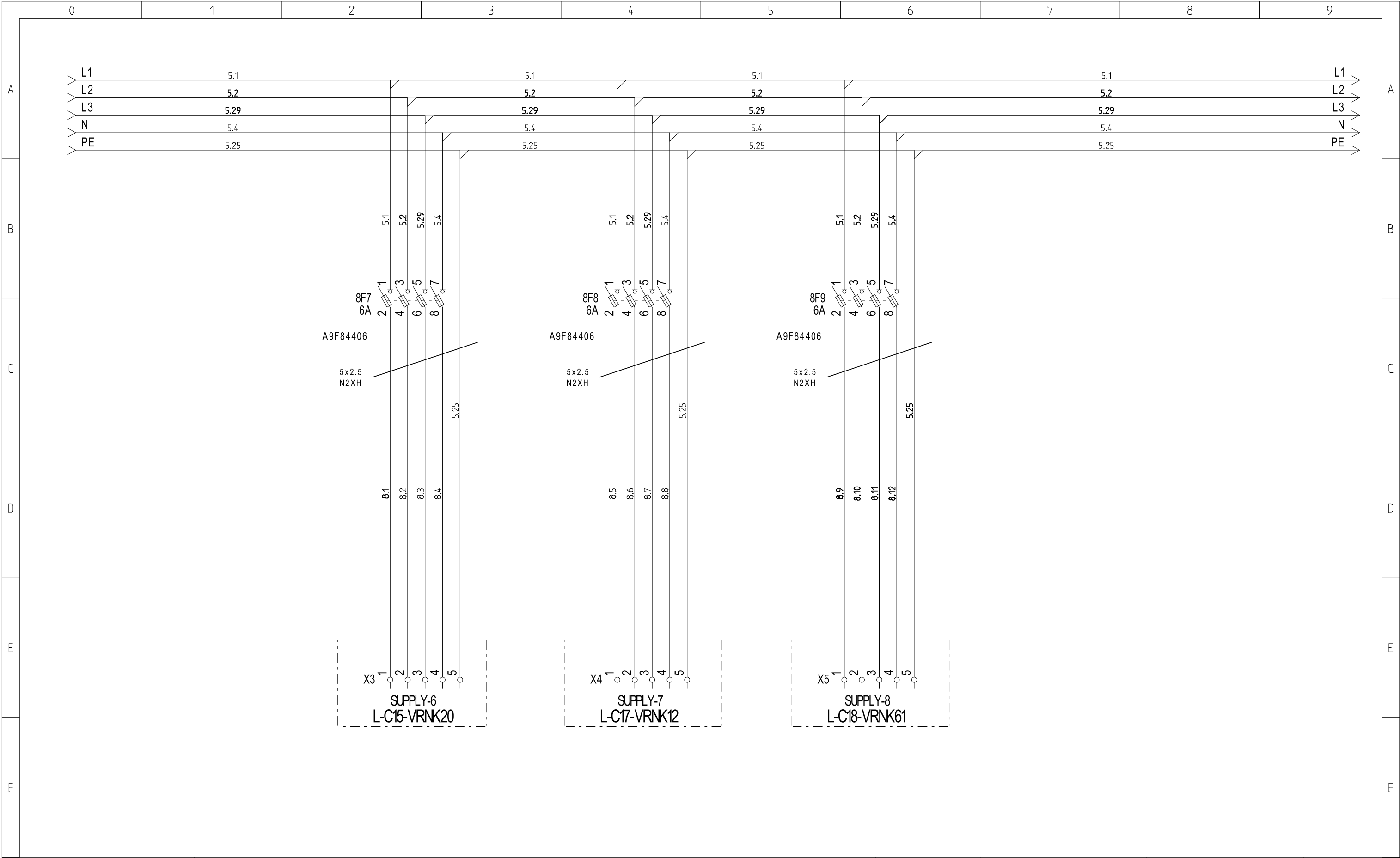


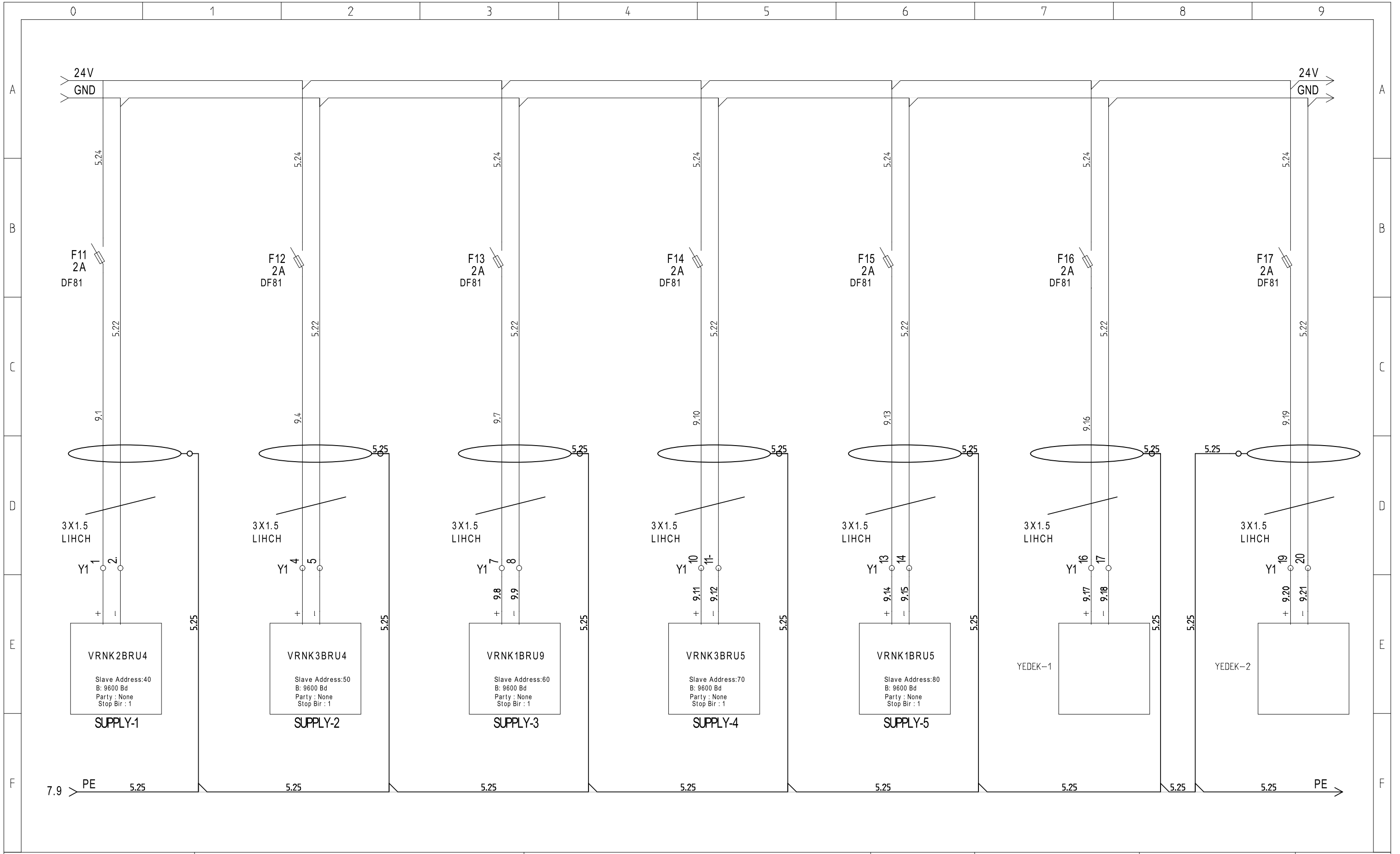


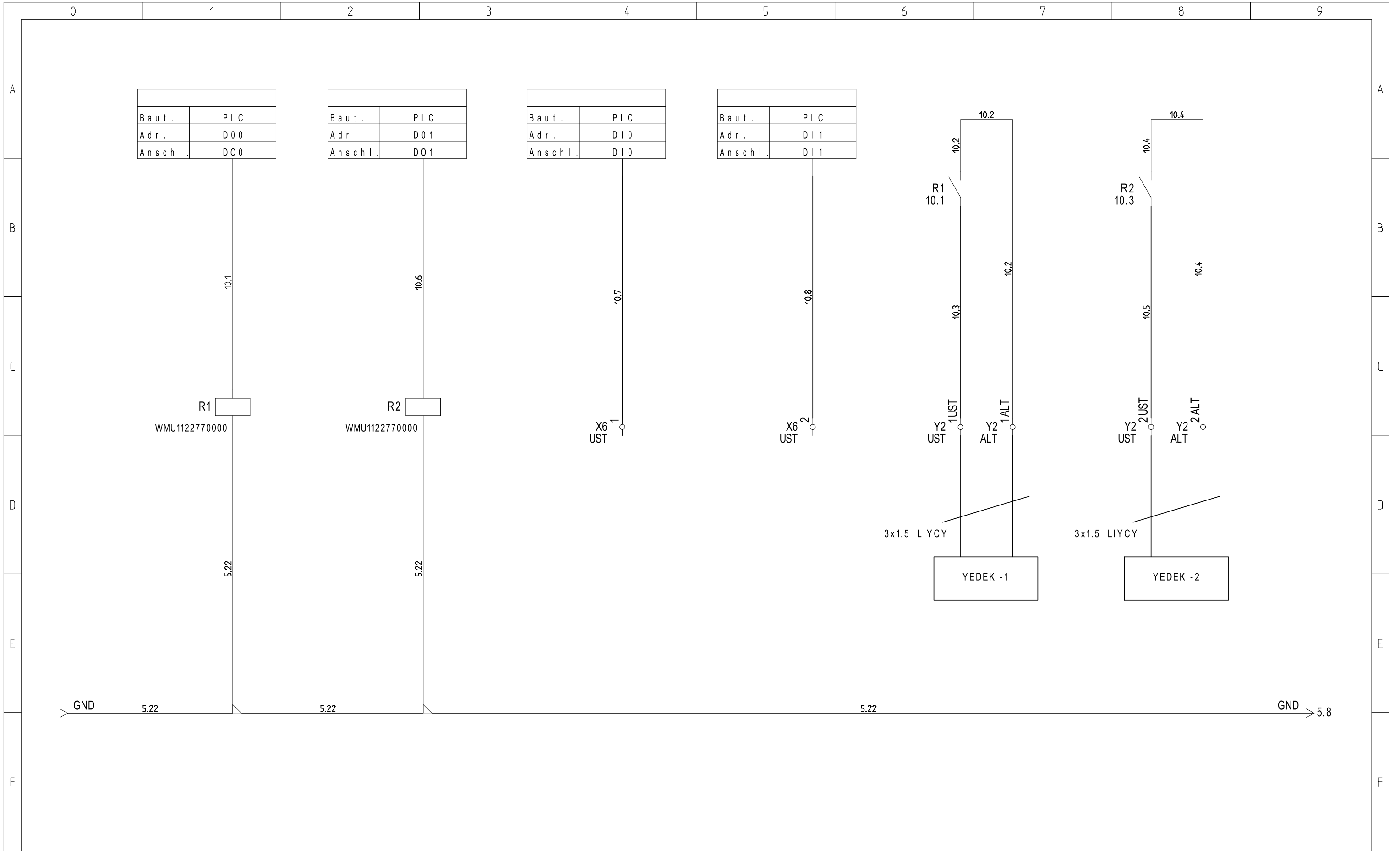












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Bill of Materials

Tag	Type (Cat. No.)	Series	Description	Product	Price	Lin. Weight	Outer Diam.	Voltage	Current	Supplier
PLC		6ES7211-1AE40-0XB0	S7-1200 CPU 1211C DC/DC/DC	SIEMENS	1					
RS485 1		6ES7241-1CH30-1XB0	Modbus kaseti (Üsten)	SIEMENS	1					
RS485 1		6ES7241-1AH32-0XB0	Modbus kaseti	SIEMENS	1					
F1		A9F84416	H16A-4P	SCHNEIDER	1					
F1-B		A9A26476	ACTIRMA BOBIN	SCHNEIDER	1					
F2		A9F74202	C2A-2P	SCHNEIDER	1					
F3		A9F74202	C6A-2P	SCHNEIDER	1					
F3-B		A9A26476	ACTIRMA BOBIN	SCHNEIDER	1					
F4		A9F74202	C2A-2P	SCHNEIDER	1					
F5		A9D34606	KACAK AKIM 6A(30mA)	SCHNEIDER	1					
F6		2CSM204753R1801	E 93/32	ABB	1					
F7		A9F84406	C6A-4P	SCHNEIDER	1					
F8		A9F84406	C6A-4P	SCHNEIDER	1					
F9		A9F84406	C6A-4P	SCHNEIDER	1					
F10		A9F74304	C4A-3P	SCHNEIDER	1					
F11		DF81	Fuse carrier TeSys DF, 1P 25A, fuse size 8.5x31.5 mm	SCHNEIDER	1					
F12		DF81	Fuse carrier TeSys DF, 1P 25A, fuse size 8.5x31.5 mm	SCHNEIDER	1					
F13		DF81	Fuse carrier TeSys DF, 1P 25A, fuse size 8.5x31.5 mm	SCHNEIDER	1					
F14		DF81	Fuse carrier TeSys DF, 1P 25A, fuse size 8.5x31.5 mm	SCHNEIDER	1					
F15		DF81	Fuse carrier TeSys DF, 1P 25A, fuse size 8.5x31.5 mm	SCHNEIDER	1					
F16		DF81	Fuse carrier TeSys DF, 1P 25A, fuse size 8.5x31.5 mm	SCHNEIDER	1					
F17		DF81	Fuse carrier TeSys DF, 1P 25A, fuse size 8.5x31.5 mm	SCHNEIDER	1					
F18		DF81	Fuse carrier TeSys DF, 1P 25A, fuse size 8.5x31.5 mm	SCHNEIDER	1					
F19		DF81	Fuse carrier TeSys DF, 1P 25A, fuse size 8.5x31.5 mm	SCHNEIDER	1					
V1		9KV-AA120-0250	ANALOG VOLTMETRE	SCHNEIDER	1					
V2		9KV-AA120-0250	ANALOG VOLTMETRE	SCHNEIDER	1					
V3		9KV-AA120-0250	ANALOG VOLTMETRE	SCHNEIDER	1					
S1		VCF0	LOTO ANAHTAR	SCHNEIDER	1					
S2		XB4BS8442	T.MEKANİK PLS ACİL STOP KIRMIZI	SCHNEIDER	1					
S3		L5K13MIP311	KAPAK SWITCH-ACISAL HAREKETLİ 14 MM. PLS. MAKARALI KOL	SCHNEIDER	1					
R1		WMU1122770000	24VOLT SLIM ROLE 6A	WEIDMULLER	1					
R2		WMU1122770000	24VOLT SLIM ROLE 6A	WEIDMULLER	1					
BARA1		GW-4X15	4 KUTUP DAGITIM BARASI 500V	GWEST	1					
BARA2		GW-4X11	4 KUTUP DAGITIM BARASI 500V	GWEST	1					
LAMP		ACK AN10	Ack 7,5W 6500K Beyaz Merkür LED Bant Armatür AN10-00730	ACK	1					
PANO		HM 90 60 30	D MONOBLOK	EAE	1					
PS1		S8VK-C06024	OMRON 2.5 A GÜÇ KAYNAGI	OMRON	1					
PS2		S8VK-C12024	OMRON 5 A GÜÇ KAYNAGI	OMRON	1					
Q1		LC1D09M7	TeSys D kontaktör - 3P(3 NA) - AC-3 - <= 440 V 9 A - 220 V AC bobin	SCHNEIDER	1					
KONTAK		LADN20	TeSys D - yardımcı kontak BLOĞU - 2 NA	SCHNEIDER	1					
PRIZ		Çp 6801	RAY TİPİ PRİZ	CETINKAYA	1					

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A

B

C

D

E

F

Terminal Strip

X1

No.	Term.	Sheet	Line
1	○	5	0
2	○	5	0
3	⊗	5	0
	⊗		
4	⊗	5	1
	⊗		
5	○	5	1

5.12

5.12

S1:2

5.13

5.13

S1:4

5.14

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S1:6

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S3:1

5.15

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F2:1

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S1:8

5.25

5.25

PE

Terminal Strip

X2

No.	Term.	Sheet	Line
1	○	5	1
2	○	5	1

5.16

5.16

S2:1

5.4

5.4

F1-B

Terminal Strip

X3

No.	Term.	Sheet	Line
1	○	8	2
2	○	8	2
3	○	8	3
4	○	8	3
5	○	8	3

8.1

8.1

8F7:2

8.2

8.2

8F7:4

8.3

8.3

8F7:6

8.4

8.4

8F7:8

5.25

5.25

PE

Terminal Strip

X4

No.	Term.	Sheet	Line
1	○	8	4
2	○	8	4
3	○	8	4
4	○	8	4
5	○	8	4

8.5

8.5

8F8:2

8.6

8.6

8F8:4

8.7

8.7

8F8:6

8.8

8.8

8F8:8

5.25

5.25

PE

Terminal Strip

X5

No.	Term.	Sheet	Line
1	○	8	5
2	○	8	6
3	○	8	6
4	○	8	6
5	○	8	6

8.9

8.9

8F9:2

8.10

8.10

8F9:4

8.11

8.11

8F9:6

8.12

8.12

8F9:8

5.25

5.25

PE

Terminal Strip

X6

No.	Term.	Sheet	Line
1	○	10	4
2	○	10	5

10.7

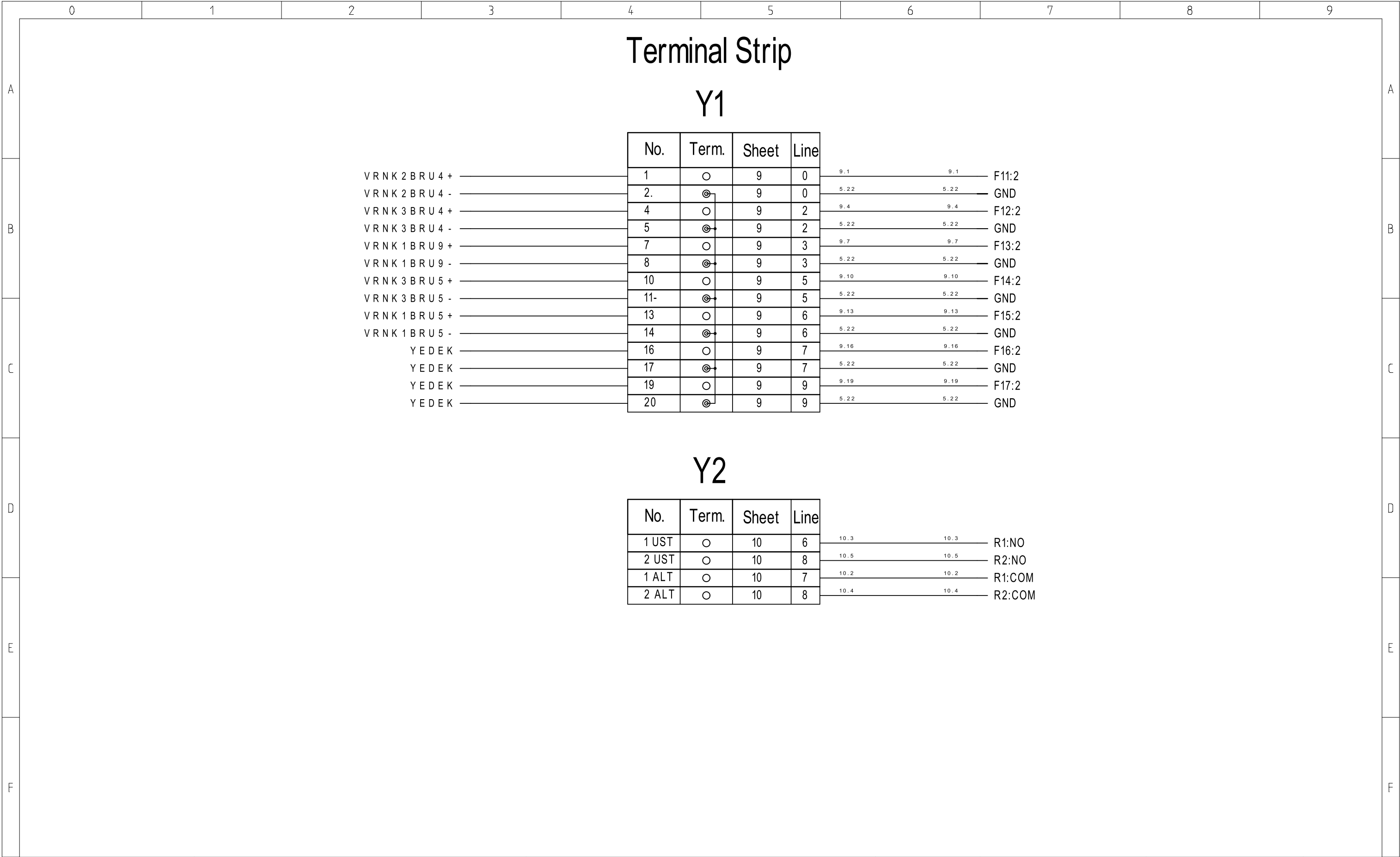
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PLC:DI0

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PLC:DI1



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A	<div>MODBUS-1</div> <table><tr><th>No.</th><th>Term.</th><th>Sheet</th><th>Line</th><td></td><td></td><td></td></tr><tr><td>1 UST</td><td></td><td>7</td><td>2</td><td>7.1</td><td>7.1</td><td>C10010 DATA+</td></tr><tr><td>1 ALT</td><td></td><td>7</td><td>3</td><td>7.2</td><td>7.2</td><td>C10010 DATA-</td></tr><tr><td>2 UST</td><td></td><td>7</td><td>3</td><td>7.1</td><td>7.1</td><td>C10020 DATA+</td></tr><tr><td>2 ALT</td><td></td><td>7</td><td>4</td><td>7.2</td><td>7.2</td><td>C10020 DATA-</td></tr><tr><td>3 UST</td><td></td><td>7</td><td>4</td><td>7.1</td><td>7.1</td><td>C10030 DATA+</td></tr><tr><td>3 ALT</td><td></td><td>7</td><td>5</td><td>7.2</td><td>7.2</td><td>C10030 DATA-</td></tr></table> <div>MODBUS-2</div> <table><tr><th>No.</th><th>Term.</th><th>Sheet</th><th>Line</th><td></td><td></td><td></td></tr><tr><td>1 UST</td><td></td><td>7</td><td>2</td><td>14.3</td><td>14.3</td><td>C10040 DATA+</td></tr><tr><td>1 ALT</td><td></td><td>7</td><td>3</td><td>14.4</td><td>14.4</td><td>C10040 DATA-</td></tr><tr><td>2 UST</td><td></td><td>7</td><td>3</td><td>14.3</td><td>14.3</td><td>C10050 DATA+</td></tr><tr><td>2 ALT</td><td></td><td>7</td><td>4</td><td>14.4</td><td>14.4</td><td>C10050 DATA-</td></tr><tr><td>3 UST</td><td></td><td>7</td><td>4</td><td>14.3</td><td>14.3</td><td>C10060 DATA+</td></tr><tr><td>3 ALT</td><td></td><td>7</td><td>5</td><td>14.4</td><td>14.4</td><td>C10060 DATA-</td></tr><tr><td>4 UST</td><td></td><td>7</td><td>3</td><td>14.3</td><td>14.3</td><td>C10070 DATA+</td></tr><tr><td>4 ALT</td><td></td><td>7</td><td>4</td><td>14.4</td><td>14.4</td><td>C10070 DATA-</td></tr><tr><td>5 UST</td><td></td><td>7</td><td>4</td><td>14.3</td><td>14.3</td><td>C10080 DATA+</td></tr><tr><td>5 ALT</td><td></td><td>7</td><td>5</td><td>14.4</td><td>14.4</td><td>C10080 DATA-</td></tr></table>									No.	Term.	Sheet	Line				1 UST		7	2	7.1	7.1	C10010 DATA+	1 ALT		7	3	7.2	7.2	C10010 DATA-	2 UST		7	3	7.1	7.1	C10020 DATA+	2 ALT		7	4	7.2	7.2	C10020 DATA-	3 UST		7	4	7.1	7.1	C10030 DATA+	3 ALT		7	5	7.2	7.2	C10030 DATA-	No.	Term.	Sheet	Line				1 UST		7	2	14.3	14.3	C10040 DATA+	1 ALT		7	3	14.4	14.4	C10040 DATA-	2 UST		7	3	14.3	14.3	C10050 DATA+	2 ALT		7	4	14.4	14.4	C10050 DATA-	3 UST		7	4	14.3	14.3	C10060 DATA+	3 ALT		7	5	14.4	14.4	C10060 DATA-	4 UST		7	3	14.3	14.3	C10070 DATA+	4 ALT		7	4	14.4	14.4	C10070 DATA-	5 UST		7	4	14.3	14.3	C10080 DATA+	5 ALT		7	5	14.4	14.4	C10080 DATA-	A
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