

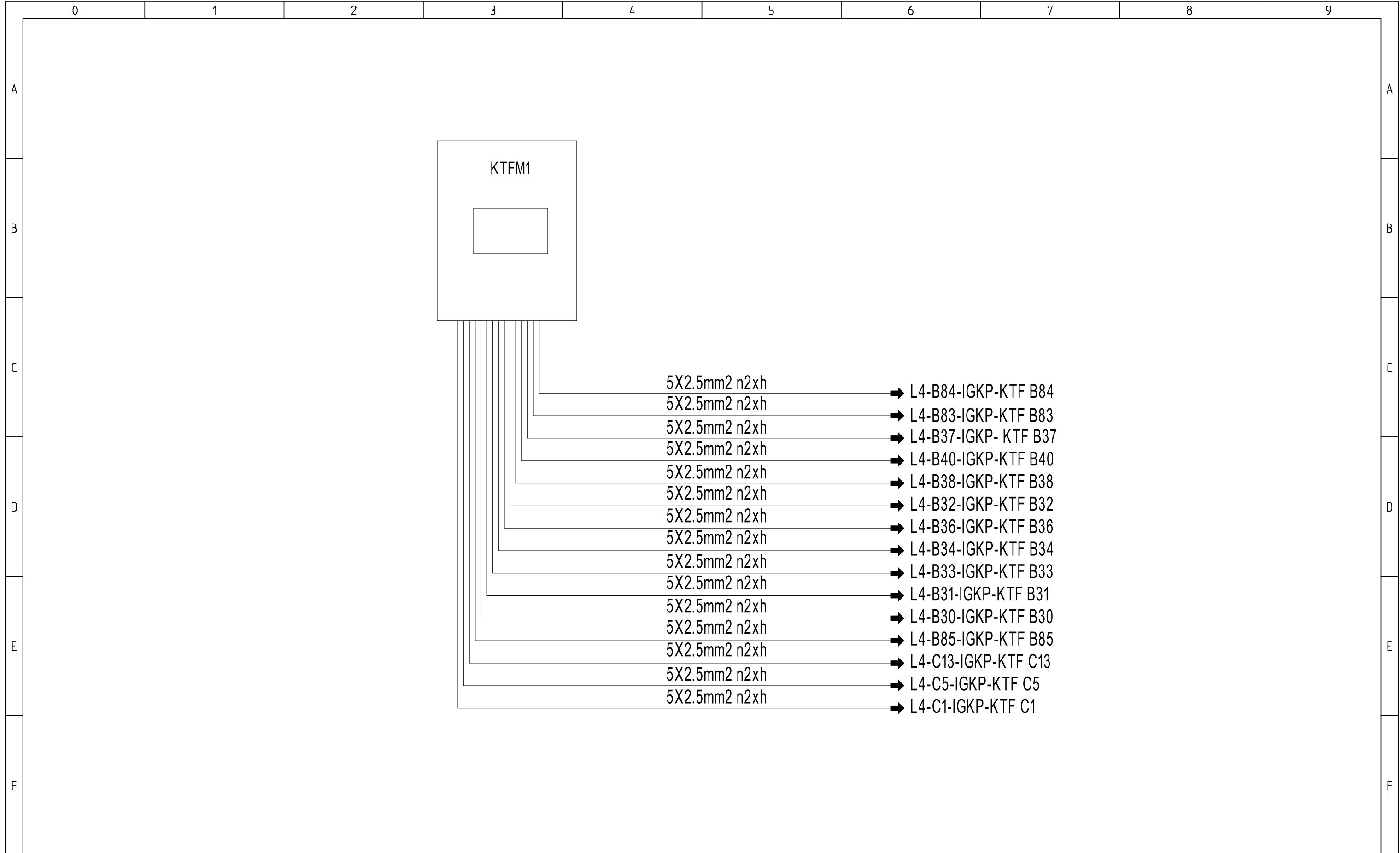


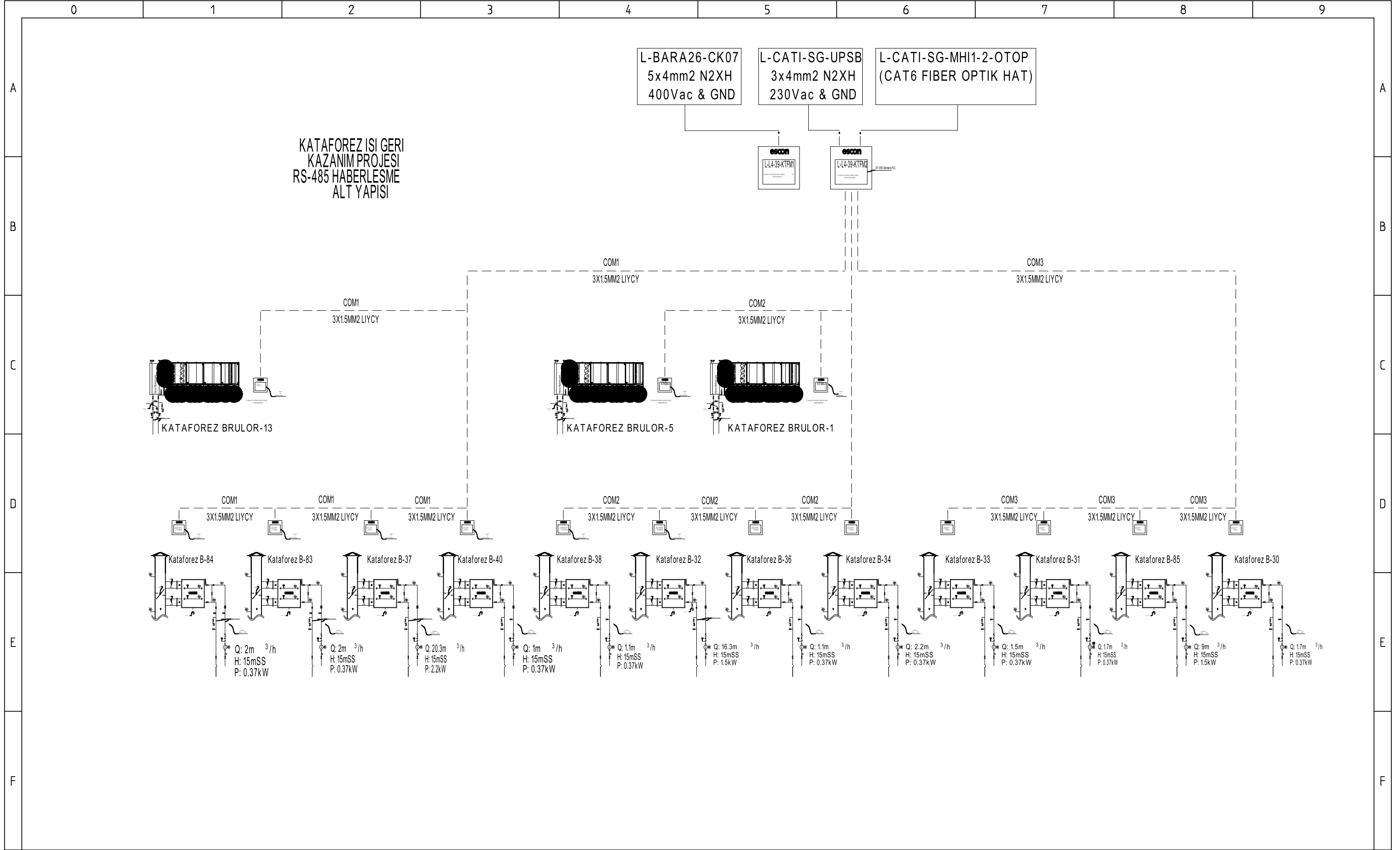
ENERGY EFFICIENCY


M11 ECONOMIZER CONTROL SYSTEM	ID	23002	
	DATE	20.02.2023	
	TOTAL PAGE	20	
	L-L4-39-KTFM2		
Escon Energy	Zake Enginnering	Renault Oyak	See Elektrical V8.2

List of Documents

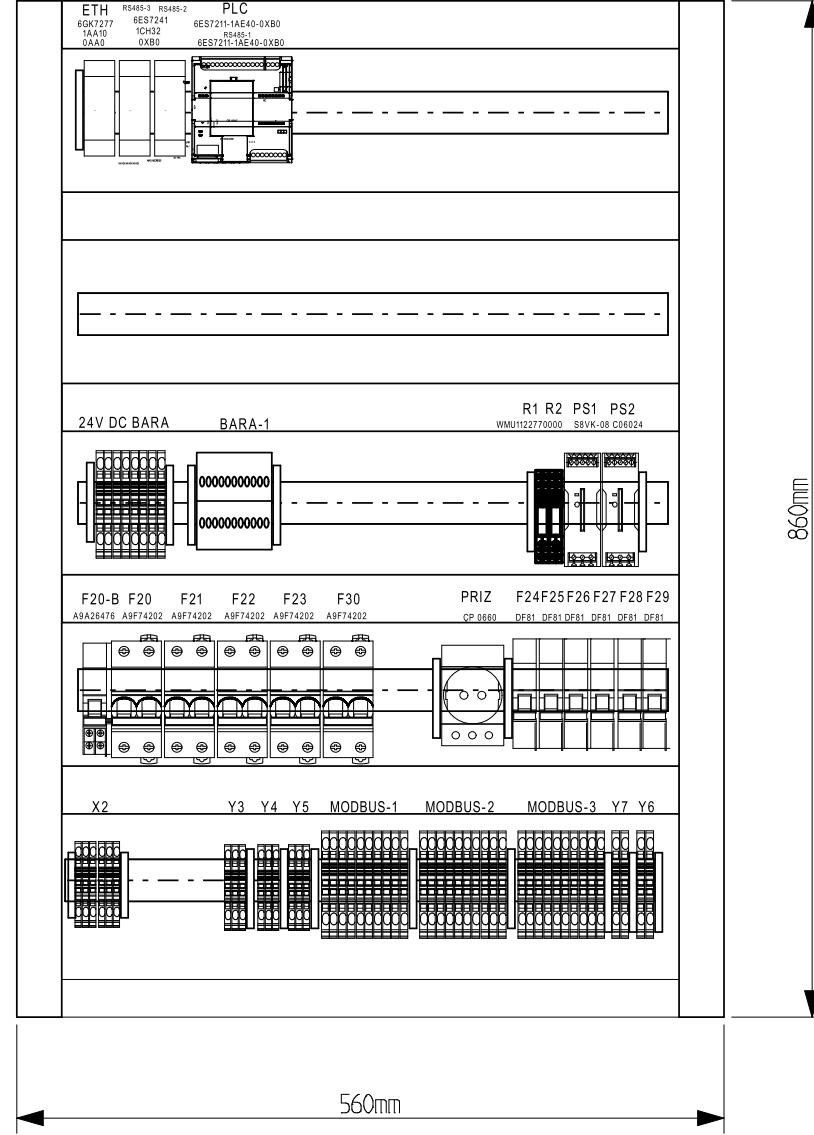
[illegible]

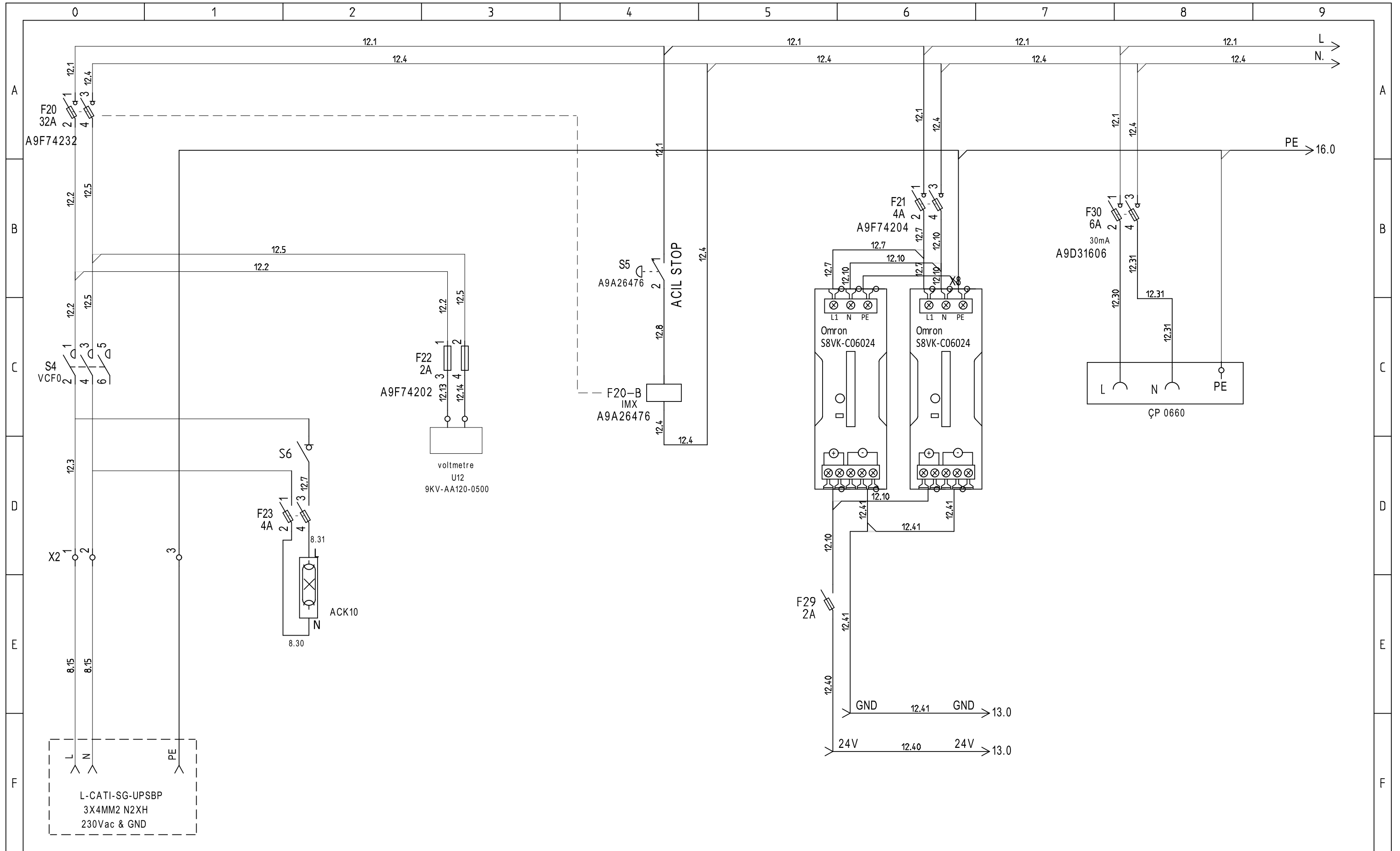


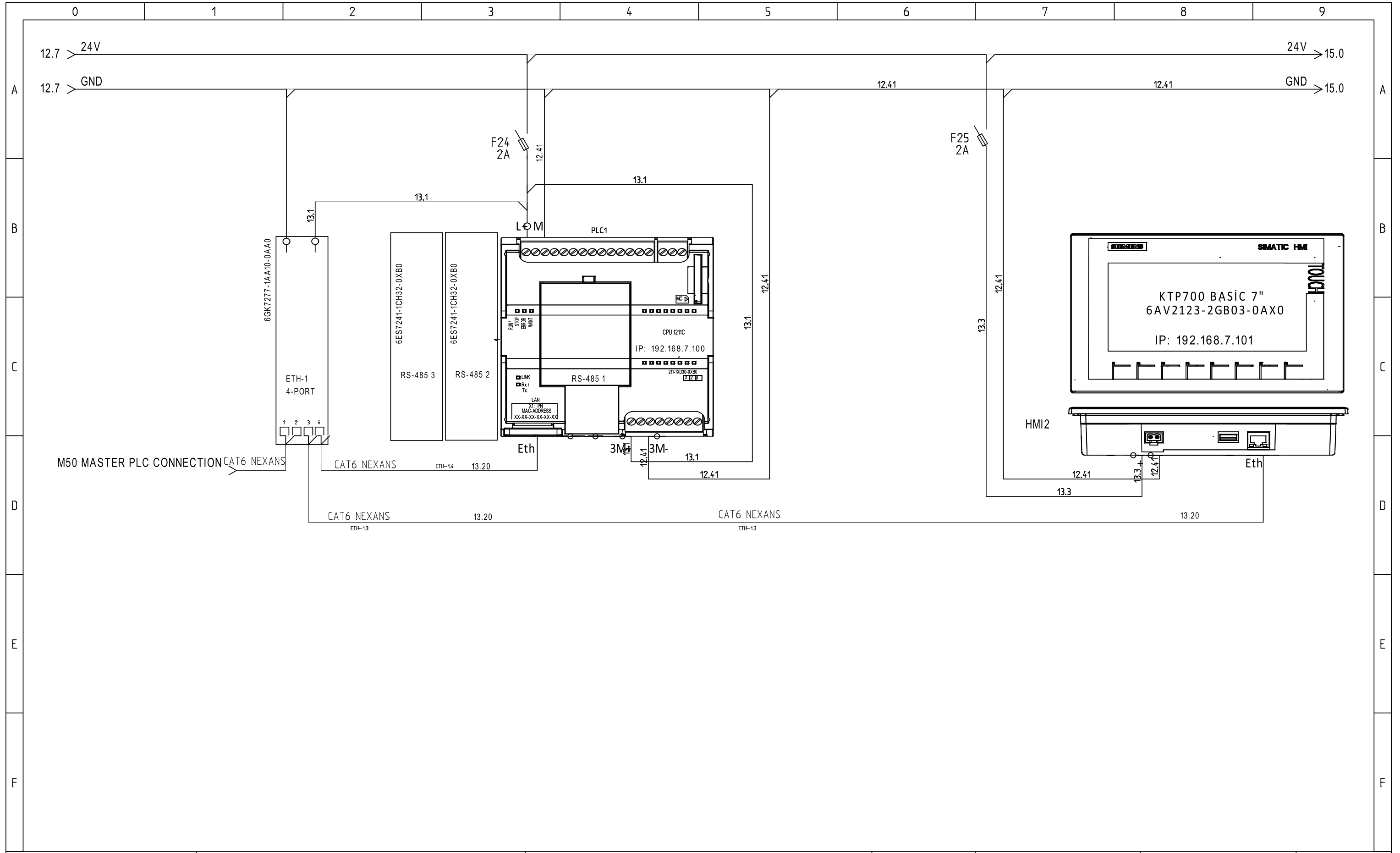


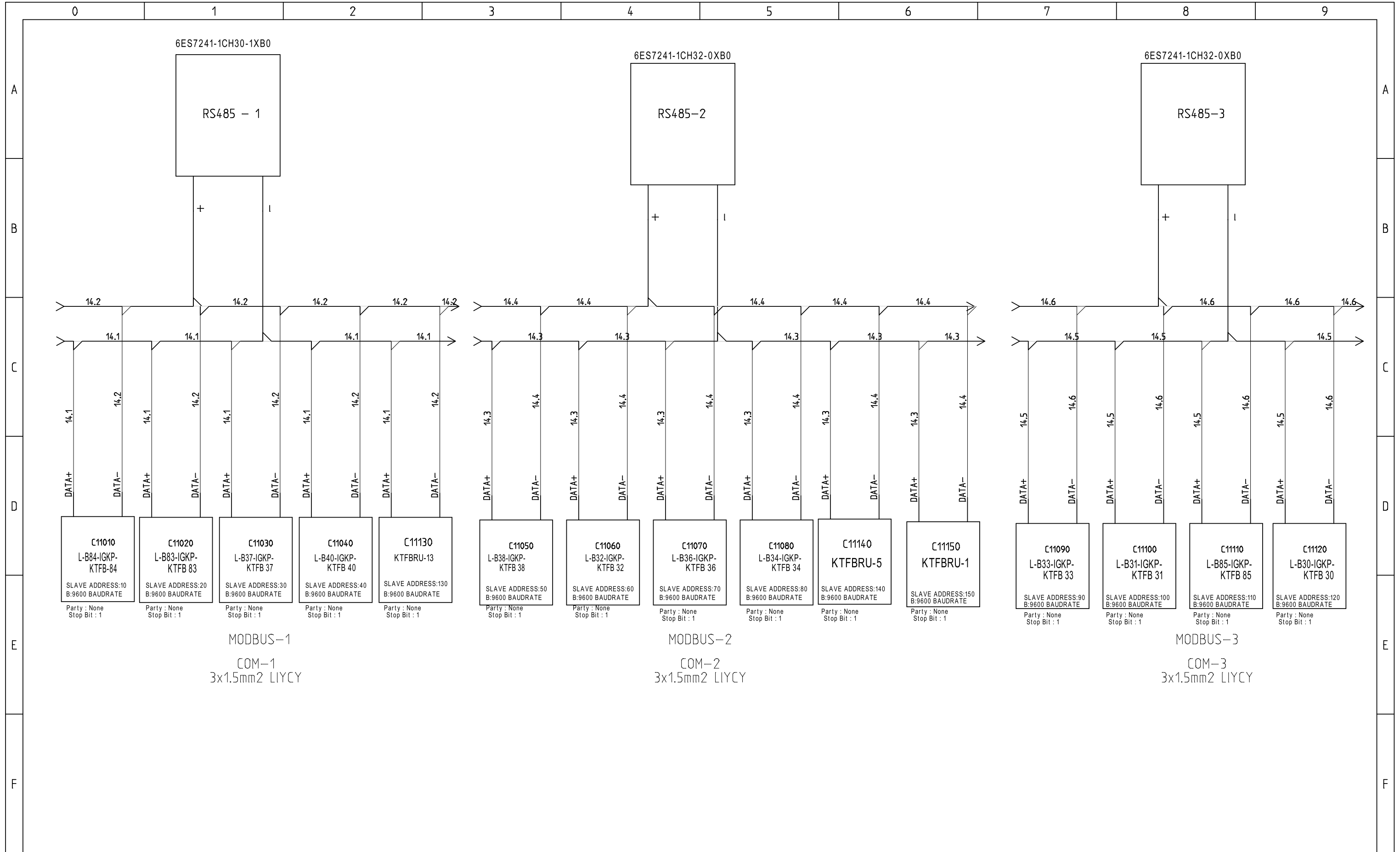
0	1	2	3	4	5	6	7	8	9	
A										A
B										B
C										C
D										D
E										E
F										F
		SPARE			Proje: KTF_MASTER plc		Onaylayan: MELİH CAN ÖZTÜRK		Sayfa: 5	
					Tarih: 13.06.2023		Rev:		Proje Id:	
							Toplam Sayfa: 13		Sonraki Sayfa: 11	

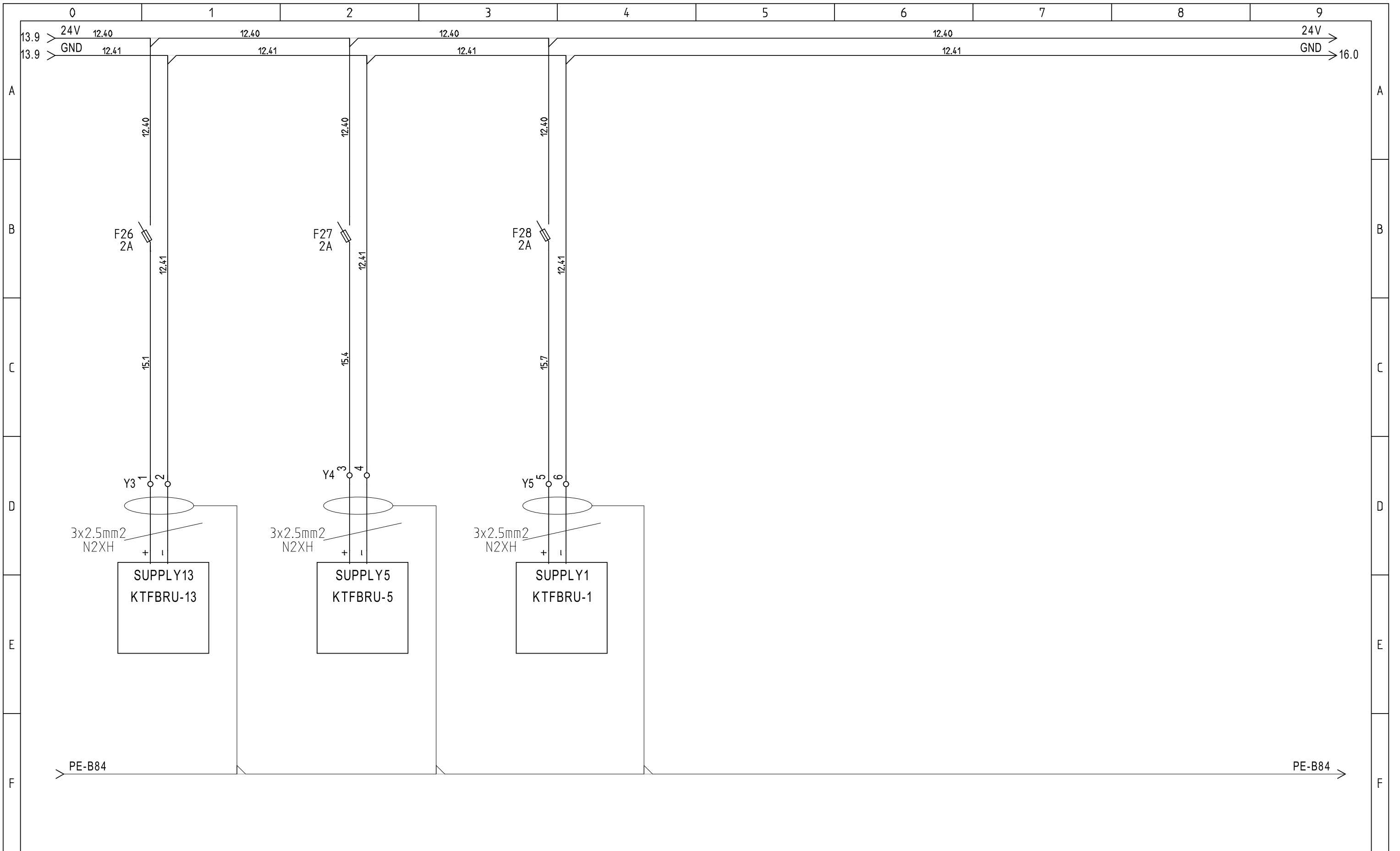
M11 KATAFOREZ MASTER PLC PANEL











DC BESLEME

Proje:
KTF_MASTER plc

Tarih:
12.03.2023

Proje Çizen:
MUHAMMED KARABULUT

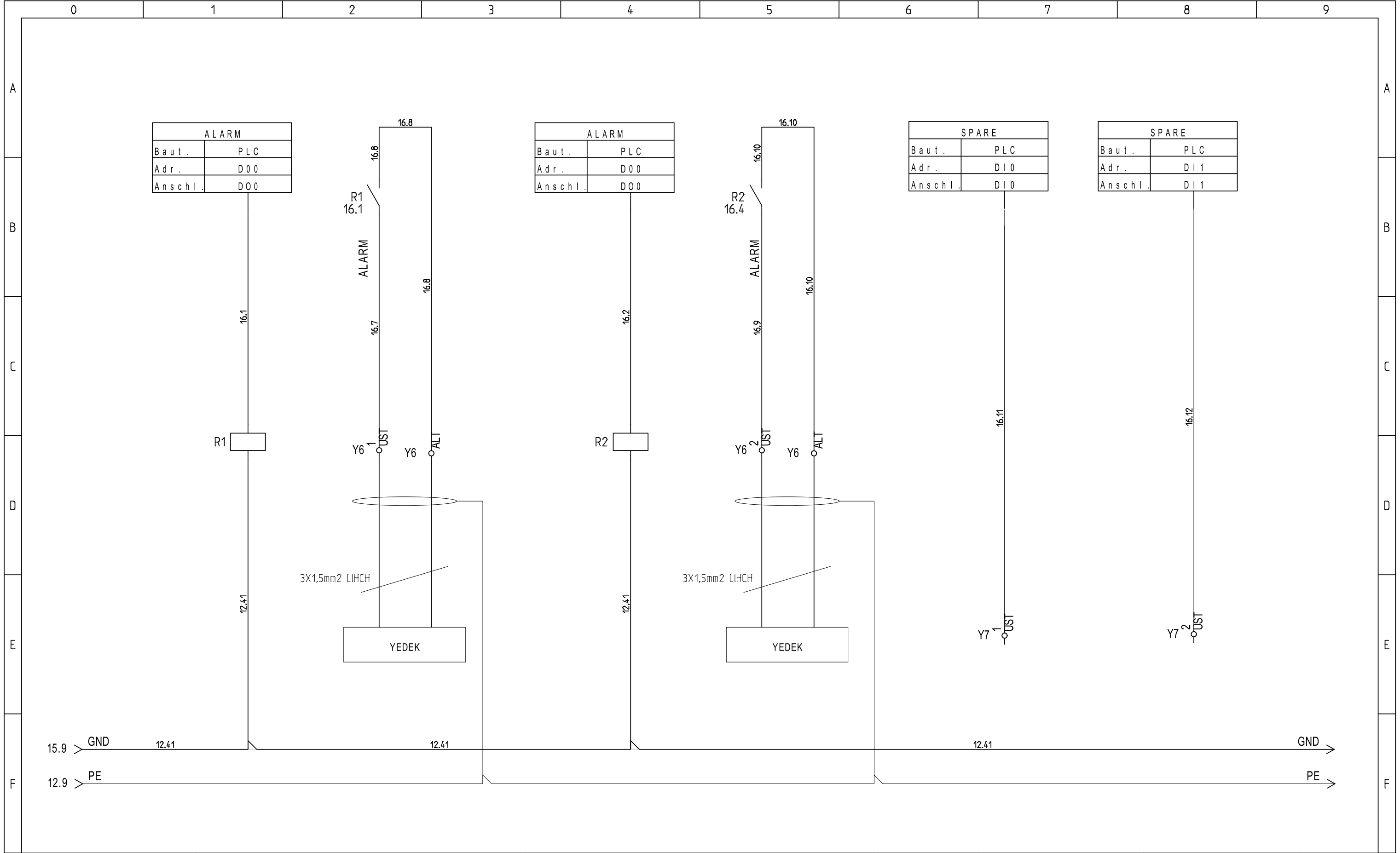
Rev:
Proje Id:

Onaylayan:
MELİH CAN ÖZTÜRK

Toplam Sayfa:
13

Sayfa:
15

Sonraki Sayfa:
16



Bill of Materials, Terminals and Cables

Tag	Type (Cat. No.)	Series	Description	Product	Price	Lin. Weight	Outer Diam.	Voltage	Current	Supplier
PLC		6ES7211-1AE40-0XB0	1211C DC/DC/DC	SIEMENS	1					
RS485-1		6ES7211-1AE40-0XB0	CB1241 MODBUS MODULE	SIEMENS	1					
RS485-2		6ES7241-1CH32-0XB0	CM1241 MODBUS MODULE	SIEMENS	1					
RS485-3		6ES7-41-1CH32-0XB0	CM1241 MODBUS MODULE	SIEMENS	1					
F1		A9F74332	iC60N - minyatür devre kesici - 3P - 32A - C eğrisi	SCHNEIDER	1					
F2		A9F74306	C6A-3P	SCHNEIDER	1					
F3		A9F74306	C6A-3P	SCHNEIDER	1					
F4		A9F74306	C6A-3P	SCHNEIDER	1					
F5		A9F74306	C6A-3P	SCHNEIDER	1					
F6		A9F74306	C6A-3P	SCHNEIDER	1					
F7		A9F74306	C6A-3P	SCHNEIDER	1					
F8		A9F74306	C6A-3P	SCHNEIDER	1					
F9		A9F74306	C6A-3P	SCHNEIDER	1					
F10		A9F74306	C6A-3P	SCHNEIDER	1					
F11		A9F74306	C6A-3P	SCHNEIDER	1					
F12		A9F74306	C6A-3P	SCHNEIDER	1					
F14		A9F74202	C2A-2P	SCHNEIDER	1					
F15		A9F74202	C2A-2P	SCHNEIDER	1					
F16		A9F74202	C2A-2P	SCHNEIDER	1					
F17		A9F74202	C2A-2P	SCHNEIDER	1					
F18		A9D31616	iDPN N Vigi - 1P + N - 6A - 30mA	SCHNEIDER	1					
F19		2CSM204753R1801	E 93/32	ABB	1					
F100		A9F74202	C2A-2P	SCHNEIDER	1					
F1-B		A9A26476	ACTIRMA BOBIN	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	EMAS	1					
R1		WMU1122770000	24VOLT SLIM ROLE 6A	WEIDMULLER	1					
R2		WMU1122770000	24VOLT SLIM ROLE 6A	WEIDMULLER	1					
BARA		GW-4X11	4 KUTUP DAGITIM BARASI 220VOLT	GWEST	2					
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					
F1-B		A9A26476	IMX-ACTIRMA BOBINI	SCHNEIDER	1					
Q1		LC1D09M7	TeSys D kontaktör - 3P(3 NA) - AC-3 - <= 440 V 9 A - 220 V AC bobin	SCHNEIDER	1					
Q1-B		LADN20	TeSys D kontaktör yardımcı blogu	SCHNEIDER	1					

	Modifications Since Previous Revision	KTF_MASTER plc MASTER A LIST OF MATERIIALS	Document Number:	Sheet: 17 of 14	Rev. Date:	Rev.:
Modification #1			Cre. Date:	12.03.2023		
Modification #2				Sheet Created by:		
Modification #3						



	0	1	2	3	4	5	6	7	8	9	
A											A
B											B
C											C
D											D
E											E
F											F

MODBUS-1

No.	Term.	Sheet	Line			
1 UST	⊗	14	2	14.1	14.1	C11010 DATA+
1 ALT	⊙	14	3	14.2	14.2	C11010 DATA-
2 UST	⊗	14	3	14.1	14.1	C11020 DATA+
2 ALT	⊙	14	4	14.2	14.2	C11020 DATA-
3 UST	⊗	14	4	14.1	14.1	C11030 DATA+
3 ALT	⊙	14	5	14.2	14.2	C11030 DATA-
4 UST	⊗	14	3	14.1	14.1	C11040 DATA+
4 ALT	⊙	14	4	14.2	14.2	C11040 DATA-
5 UST	⊗	14	4	14.1	14.1	C11130 DATA+
5 ALT	⊙	14	5	14.2	14.2	C11130 DATA-

MODBUS-2

No.	Term.	Sheet	Line			
1 UST	⊗	14	2	14.3	14.3	C11050 DATA+
1 ALT	⊙	14	3	14.4	14.4	C11050 DATA-
2 UST	⊗	14	3	14.3	14.3	C11060 DATA+
2 ALT	⊙	14	4	14.4	14.4	C11060 DATA-
3 UST	⊗	14	4	14.3	14.3	C11070 DATA+
3 ALT	⊙	14	5	14.4	14.4	C11070 DATA-
4 UST	⊗	14	3	14.3	14.3	C11080 DATA+
4 ALT	⊙	14	4	14.4	14.4	C11080 DATA-
5 UST	⊗	14	4	14.3	14.3	C11140 DATA+
5 ALT	⊙	14	5	14.4	14.4	C11140 DATA-
6 UST	⊗	14	4	14.3	14.3	C11150 DATA+
6 ALT	⊙	14	5	14.4	14.4	C11150 DATA-

MODBUS-3

No.	Term.	Sheet	Line			
1 UST	⊗	14	2	14.5	14.5	C11090 DATA+
1 ALT	⊙	14	3	14.6	14.6	C11090 DATA-
2 UST	⊗	14	3	14.5	14.5	C11100 DATA+
2 ALT	⊙	14	4	14.6	14.6	C11100 DATA-
3 UST	⊗	14	4	14.5	14.5	C11110 DATA+
3 ALT	⊙	14	5	14.6	14.6	C11110 DATA-
4 UST	⊗	14	3	14.5	14.5	C11120 DATA+
4 ALT	⊙	14	5	14.6	14.6	C11120 DATA-



MASTER TERMINAL LISTS-3

Proje:
KTF_MASTER plc
Tarih:
12.07.2023

Proje Çizen:
MUHAMMED KARABULUT
Rev:

Onaylayan:
MELİH CAN ÖZTÜRK
Proje Id:
Toplam Sayfa:
13

Sayfa:
20
Sonraki Sayfa: