

ENERGY EFFICIENCY

CONTROL SYSTEM KULE 2

DATE 20.02.2023

TOTAL PAGE

M31 AHU ÖN ISITMA KULE2

Escon Energy

Zake Enginnering

Renault Oyak

See Elektrical V8.2

A list 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 (6DI 4DQ 2AI)	SIEMENS	1					
RS485 1		6ES7241-1CH30-1XB0	Modbus kaseti (Üsten)	SIEMENS	1					
RS-485 2		6ES7241-1CH32-0XB0	Modbus Haberlesme Modül(Yandan)	SIEMENS	1					
RS-485 3		6ES7241-1CH32-0XB0	Modbus Haberlesme Modül(Yandan)	SIEMENS	1					
F1		A9F74210	C10A-2P	SCHNEIDER	1					
F2		A9F74203	C4A - 2P	SCHNEIDER	1					
F3		A9D34606	KACAK AKIM 2A (30mA)	SCHNEIDER	1					
F4		A9F74202	C2A-2P	SCHNEIDER	1					
F5		A9F74202	C2A-2P	SCHNEIDER	1					
F6		DF81	Fuse carrier TeSys DF, 1P 25A, fuse size 8.5x31.5 mm	SCHNEIDER	1					
F7		DF81	Fuse carrier TeSys DF, 1P 25A, fuse size 8.5x31.5 mm	SCHNEIDER	1					
F8		DF81	Fuse carrier TeSys DF, 1P 25A, fuse size 8.5x31.5 mm	SCHNEIDER	1					
F9		DF81	Fuse carrier TeSys DF, 1P 25A, fuse size 8.5x31.5 mm	SCHNEIDER	1					
F10		DF81	Fuse carrier TeSys DF, 1P 25A, fuse size 8.5x31.5 mm	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		2562730000-WSI6	SIGORTALI KLEMENS	WEIDMULLER	1					
F18		2562730000-WSI6	SIGORTALI KLEMENS	WEIDMULLER	1					
F19		2562730000-WSI6	SIGORTALI KLEMENS	WEIDMULLER	1					
F20		2562730000-WSI6	SIGORTALI KLEMENS	WEIDMULLER	1					
F21		2562730000-WSI6	SIGORTALI KLEMENS	WEIDMULLER	1					
F22		2562730000-WSI6	SIGORTALI KLEMENS	WEIDMULLER	1					
F23		2562730000-WSI6	SIGORTALI KLEMENS	WEIDMULLER	1					
F24		2562730000-WSI6	SIGORTALI KLEMENS	WEIDMULLER	1					
F25		2562730000-WSI6	SIGORTALI KLEMENS	WEIDMULLER	1					
F26		2562730000-WSI6	SIGORTALI KLEMENS	WEIDMULLER	1					
F27		2562730000-WSI6	SIGORTALI KLEMENS	WEIDMULLER	1					
R1		1122770000	24VOLT SLIM ROLE 6A	WEIDMULLER	1					
F1-B		A9A26476	ACTIRMA BOBIN	SCHNEIDER	1					
LAMP		ACK AN10	Ack 7,5W 6500K Beyaz Merkür LED Bant Armatür AN10-00730	ACK	1					
S1		VCF0	LOTO ANAHTAR	SCHNEIDER	1					
S 3		L5K13MIP311	KAPAK SWITCH-ACISAL HAREKETLİ 14 MM. PLS. MAKARALI KOL	EMAS	1					
S2		XB4BS8442	T.MEKANİK PLS ACİL STOP KIRMIZI	SCHNEIDER	1					
V1		9KV-AA120-0250	ANALOG VOLTMETRE	SCHNEIDER	1					
BARA1		GW-2X7	2 KUTUP DAGITIM BARASI 24 VOLT	GWEST	1					
BARA2		GW-2X7	2 KUTUP DAGITIM BARASI 220 VOLT	GWEST	1					
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	Modifications Since Previous Revision
Modification #1	
Modification #2	
Modification #3	

M31 AHU ÖN ISITMA KULE2
A LIST OF MATERIALS 1

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		Sheet Created by:		

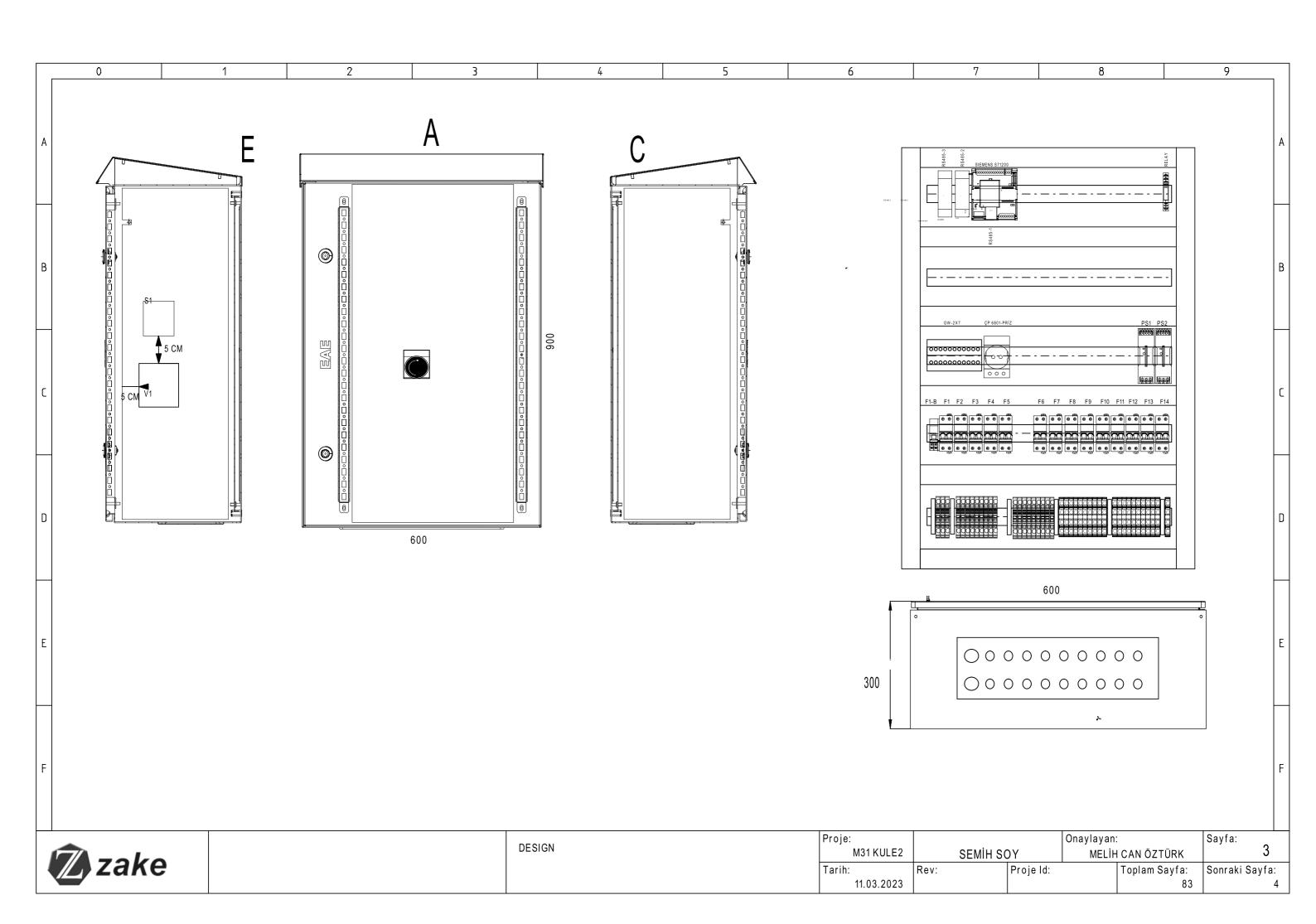
A list of materials Type (Cat. No.) Lin. Weight Outer Diam. Series Price Voltage Current Supplier Tag Description Product ZVTM ZVTM-51 I/O MODUL ZAKE Çp 6801 RAY TİPİ PRİZ PRIZ CETINKAYA

	Modifications Since Previous Revision
Modification #1	
Modification #2	
Modification #3	

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A LIST OF MATERIALS 2

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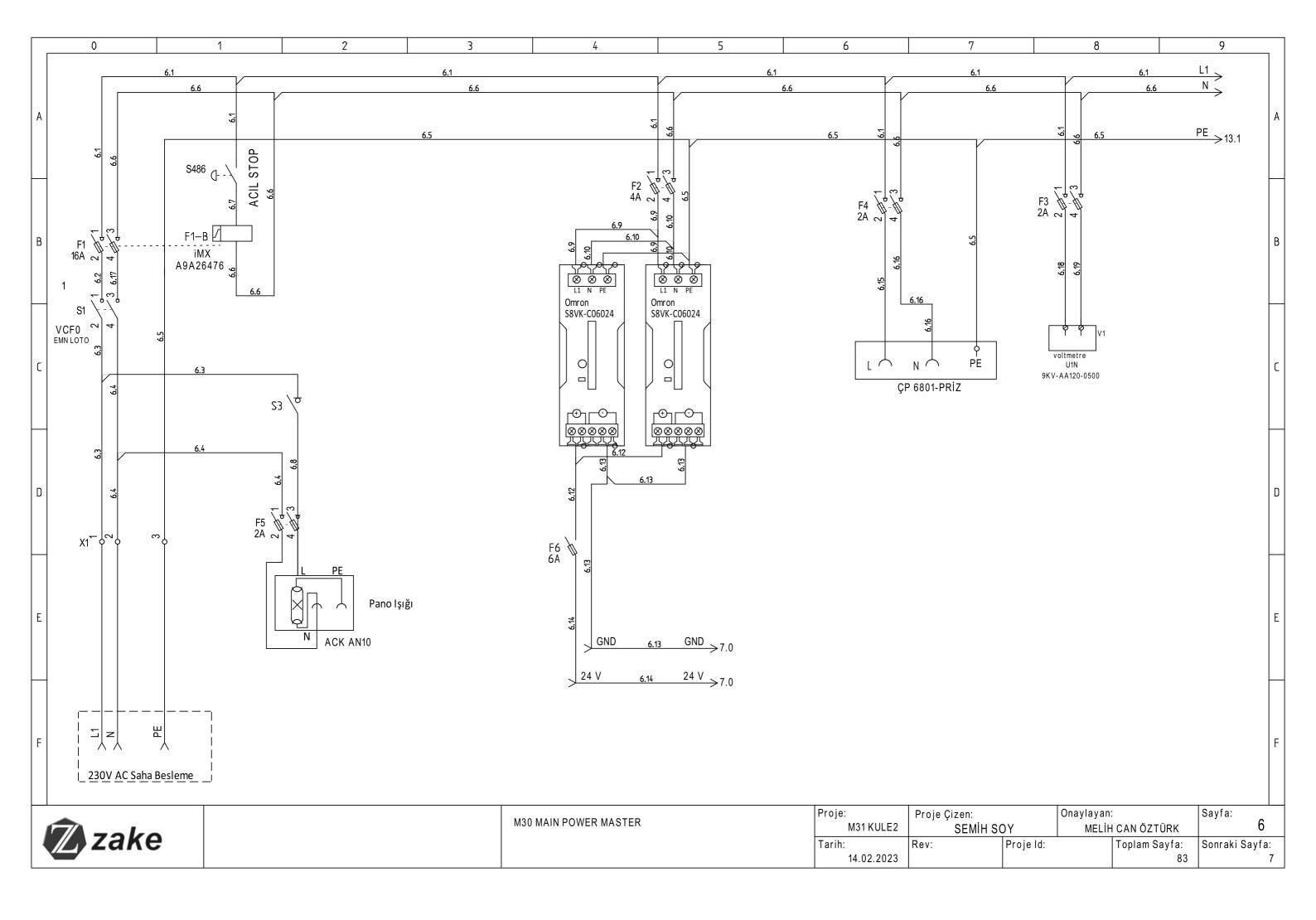


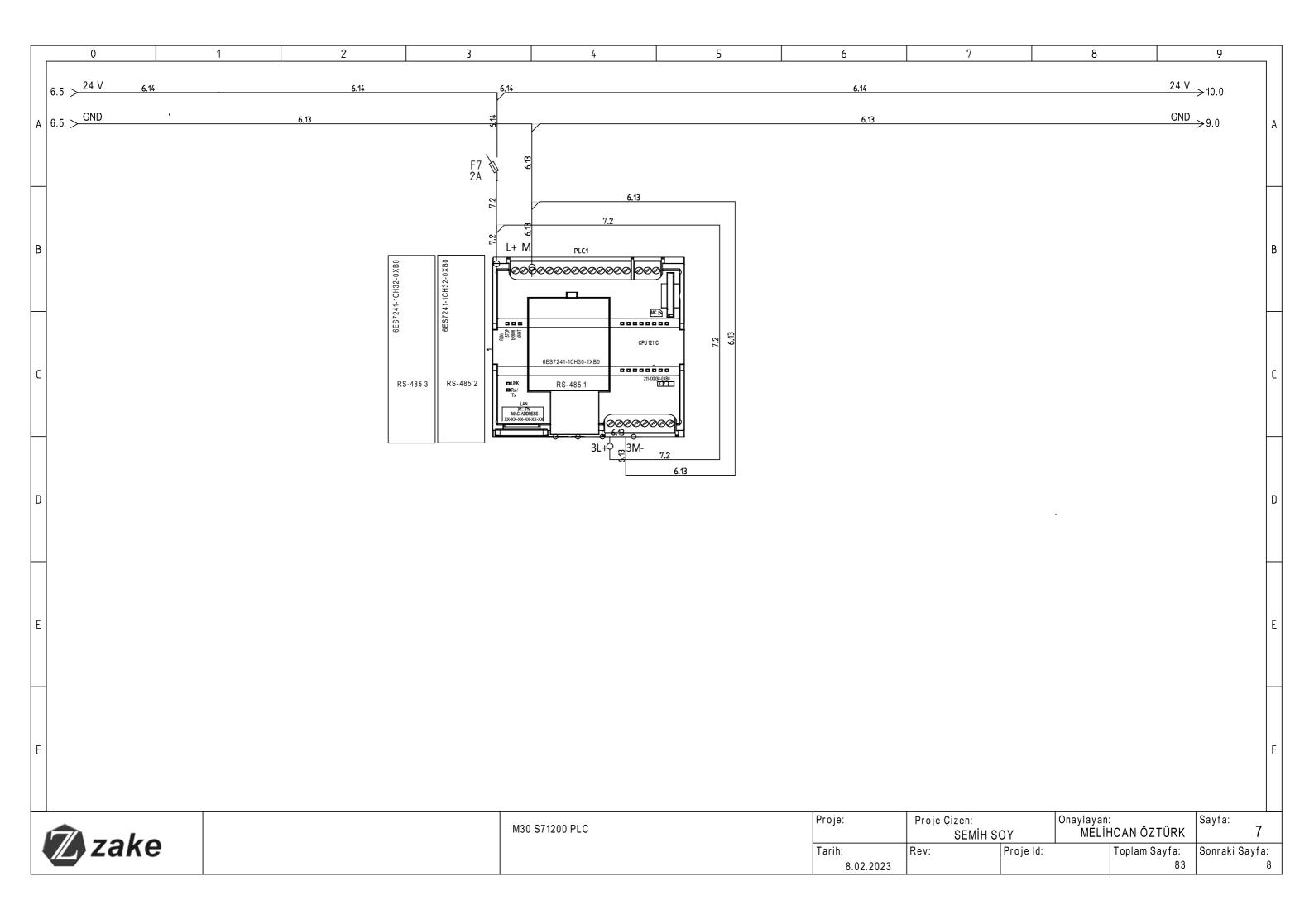
List of Documents

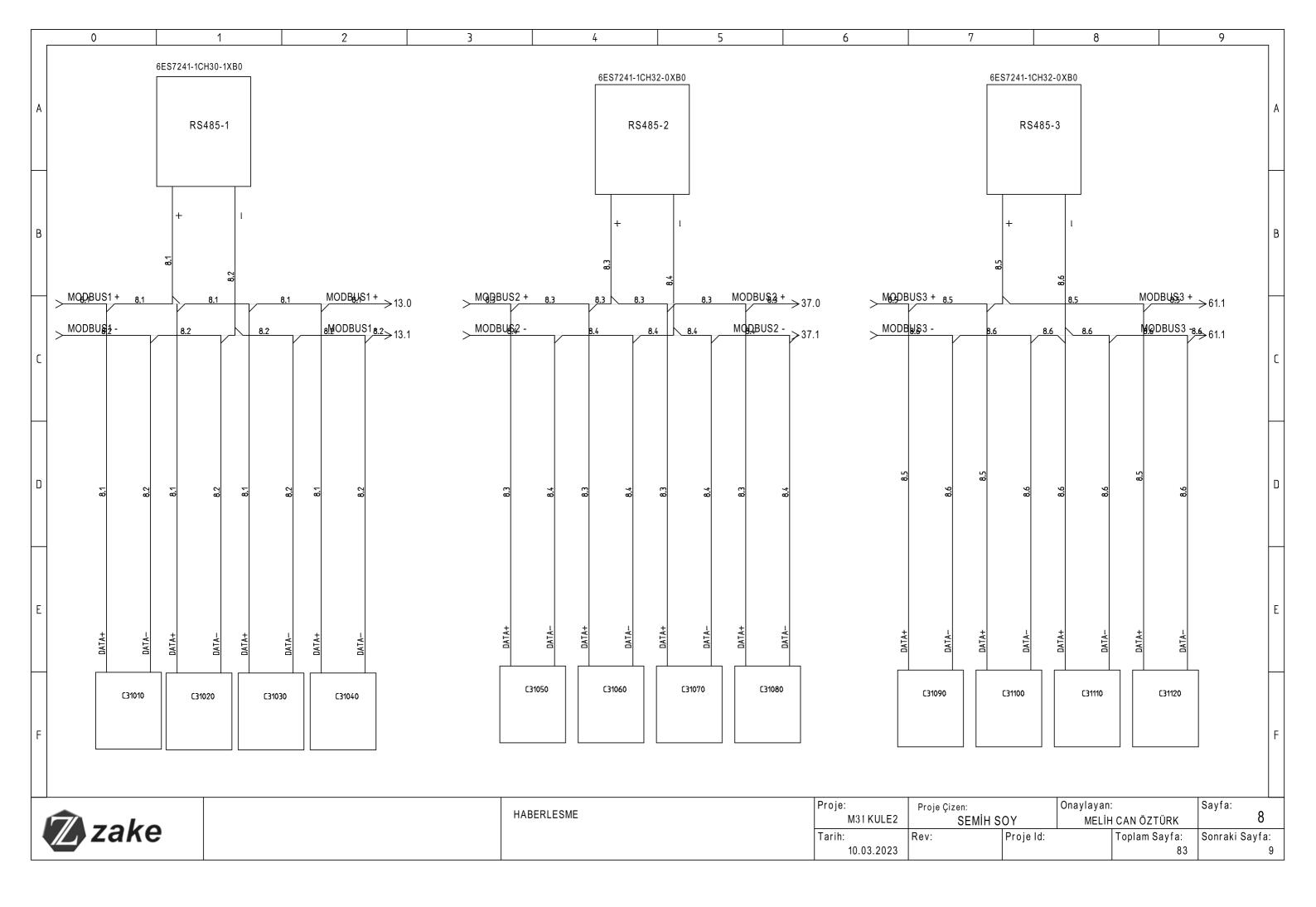
Sheet	Kind of Document	Description	Revision date	Sheet	Kind of Document	Description	Revis	sion date
1	Table of Contents		14.03.2023	28	Circuit diagrams (EN/IEC)	C30030 A LIST OF MATERIIALS		
2	Table of Contents		14.03.2023	29	Circuit diagrams (EN/IEC)	C31030 TERMINAL LISTS		
1	Project cover sheet			30	Circuit diagrams (EN/IEC)	COMMUNICATION BOX AHU-4		
1	Circuit diagrams (EN/IEC)	A LIST OF MATERIALS 1		31	Circuit diagrams (EN/IEC)	C31040 AHU-4		,
2	Circuit diagrams (EN/IEC)	A LIST OF MATERIALS 2		32	Circuit diagrams (EN/IEC)	C31040 ANALOG INPUT		
3	Circuit diagrams (EN/IEC)	DESIGN		33	Circuit diagrams (EN/IEC)	C31040 AHU-4		
4	Circuit diagrams (EN/IEC)	LIST OF DOCUMENTS1		34	Circuit diagrams (EN/IEC)	C31040 A LIST OF MATERIIALS		
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6	Circuit diagrams (EN/IEC)	M30 MAIN POWER MASTER		36	Circuit diagrams (EN/IEC)	COMMUNICATION BOX AHU-23		
7	Circuit diagrams (EN/IEC)	M30 S71200 PLC		37	Circuit diagrams (EN/IEC)	C31050 AHU-23		
8	Circuit diagrams (EN/IEC)	HABERLESME		38	Circuit diagrams (EN/IEC)	C31050 AHU-23 ANALOGINPUT		
9	Circuit diagrams (EN/IEC)	M30 AC DC KONTROL		39	Circuit diagrams (EN/IEC)	C31050 AHU-23		
10	Circuit diagrams (EN/IEC)	M30 DC KONTROL		40	Circuit diagrams (EN/IEC)	C31050 A LIST OF MATERIIALS		
11	Circuit diagrams (EN/IEC)	TERMINAL LISTS		41	Circuit diagrams (EN/IEC)	C31050 TERMINAL LISTS		
12	Circuit diagrams (EN/IEC)	COMMUNICATION BOX AHU-1		42	Circuit diagrams (EN/IEC)	COMMUNICATION BOX AHU-24		
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17	Circuit diagrams (EN/IEC)	C31010 TERMINAL LISTS		47	Circuit diagrams (EN/IEC)	C31060 TERMINAL LISTS		
18	Circuit diagrams (EN/IEC)	COMMUNICATION BOX AHU-2		48	Circuit diagrams (EN/IEC)	COMMUNICATION BOX AHU-25		
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21	Circuit diagrams (EN/IEC)	C31020 AHU-2		51	Circuit diagrams (EN/IEC)	C31070 AHU-25		
22	Circuit diagrams (EN/IEC)	C31020 A LIST OF MATERIIALS		52	Circuit diagrams (EN/IEC)	C31070 A LIST OF MATERIIALS		
23	Circuit diagrams (EN/IEC)	C31020 TERMINAL LISTS		53	Circuit diagrams (EN/IEC)	C31070 TERMINAL LISTS		
24	Circuit diagrams (EN/IEC)	COMMUNICATION BOX AHU-3		54	Circuit diagrams (EN/IEC)	COMMUNICATION BOX AHU-6		
25	Circuit diagrams (EN/IEC)	C31030 AHU-3		55	Circuit diagrams (EN/IEC)	C31080 AHU-6		
26	Circuit diagrams (EN/IEC)	C31030 AHU-3 ANALOG INPUT		56	Circuit diagrams (EN/IEC)	C31080 AHU-6 ANALOGINPUT		
27	Circuit diagrams (EN/IEC)	C31030 AHU-3		57	Circuit diagrams (EN/IEC)	C31080 AHU-6		
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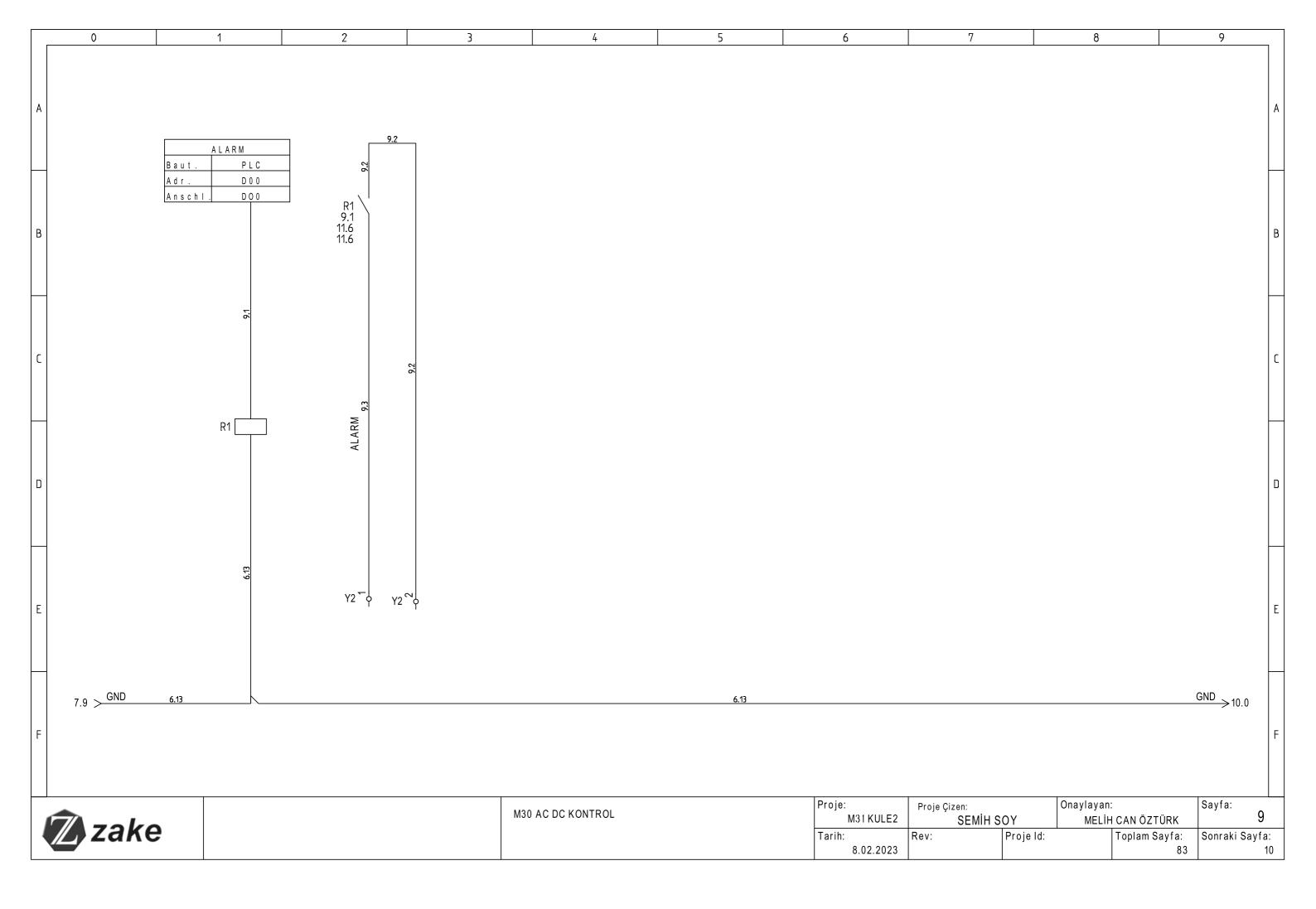
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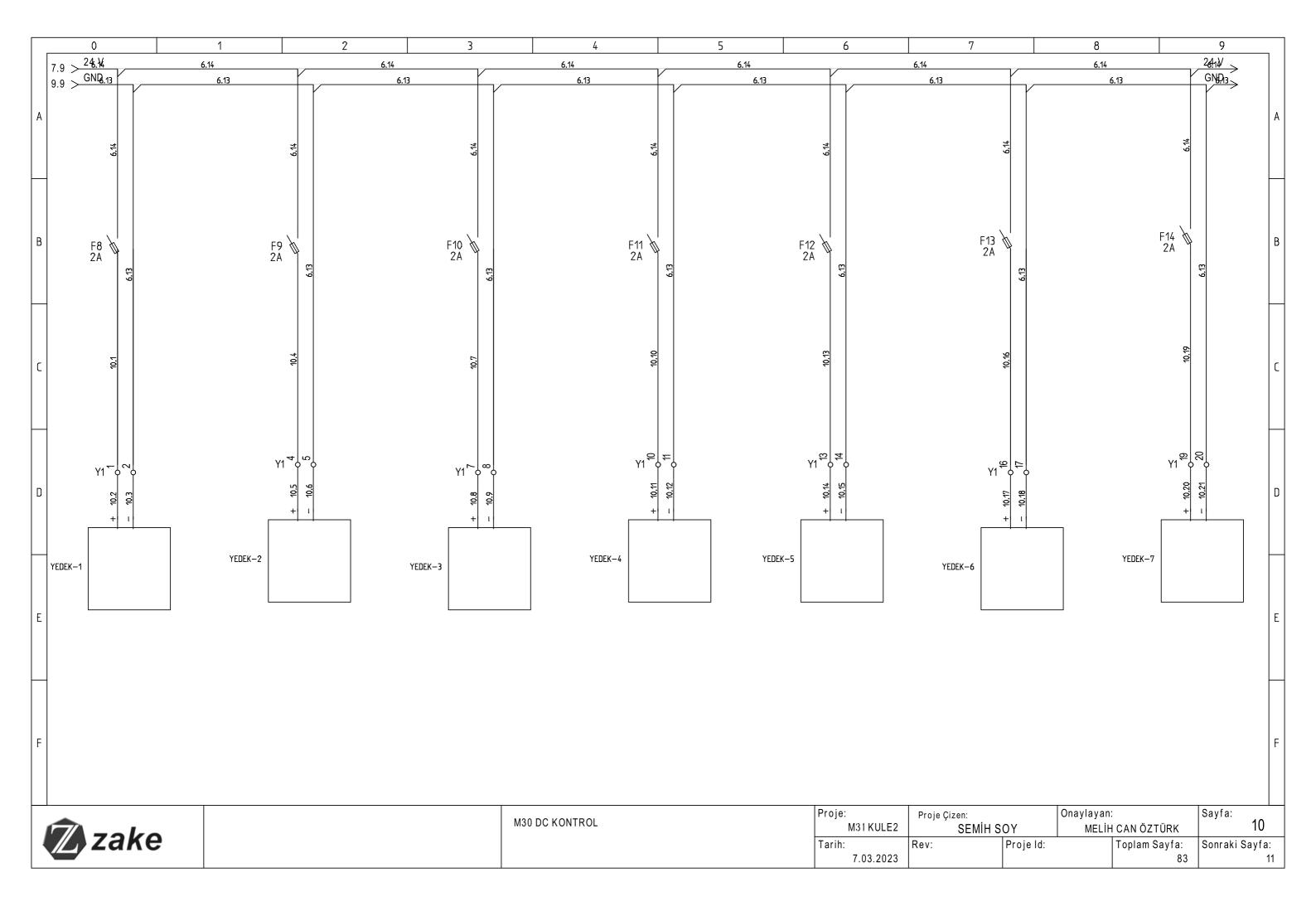
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59	Circuit diagrams (EN/IEC)	C31080 TERMINAL LISTS					
60	Circuit diagrams (EN/IEC)	COMMUNICATION BOX AHU 5					
61	Circuit diagrams (EN/IEC)	C31090 AHU-5					
62	Circuit diagrams (EN/IEC)	C31090 AHU-5 ANALOGINPUT					
63	Circuit diagrams (EN/IEC)	C31090 AHU-5					
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69	Circuit diagrams (EN/IEC)	C31100 AHU-7					
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73	Circuit diagrams (EN/IEC)	C31110 AHU-26					
74	Circuit diagrams (EN/IEC)	C31110 AHU-26 ANALOGINPUT					
75	Circuit diagrams (EN/IEC)	C31110 AHU-26					
76	Circuit diagrams (EN/IEC)	C31110 A LIST OF MATERIIALS					
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78	Circuit diagrams (EN/IEC)	COMMUNICATION BOX AHU-9					
79	Circuit diagrams (EN/IEC)	C31120 AHU-9					
80	Circuit diagrams (EN/IEC)	C31120 AHU-9 ANALOGINPUT					
81	Circuit diagrams (EN/IEC)	C31120 AHU-9					
82	Circuit diagrams (EN/IEC)	C31120 A LIST OF MATERIIALS					
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Y1

			No.	Term.	Sheet	Line			
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Y E D E K - 1 : +	7.4	7.4	2	0	7	0	7.2	7.2	— F10:2
Y E D E K - 2 : + —	7.7	7.7	3	0	7	2	7.5	7.5	— F11:2
Y E D E K - 2 : + —	7.8	7.8	4	0	7	2	7.6	7.6	— F11:2
Y E D E K - 3 : + —	7.11	7.11	5	0	7	3	7.9	7.9	— F12:2
Y E D E K - 3 : + —	7.12	7.12	6	0	7	3	7.10	7.10	— F12:2
Y E D E K - 4 : + —	7.15	7.15	7	0	7	5	7.13	7.13	— F13:2
Y E D E K - 4 : + —	7.16	7.16	8	0	7	5	7.14	7.14	— F13:2
YEDEK - 5 : + —	7.19	7.19	9	0	7	6	7.17	7.17	— F14:2
Y E D E K - 5 : + —	7.20	7.20	10	0	7	6	7.18	7.18	— F14:2
Y E D E K - 6 : + —	7.23	7.23	11	0	7	7	7.21	7.21	— F15:2
Y E D E K - 6 : +	7 . 2 4	7.24	12	0	7	7	7.22	7.22	— F15:2
Y E D E K - 7 : + —	7.27	7.27	13	0	7	9	7 . 2 5	7.25	— F16:2
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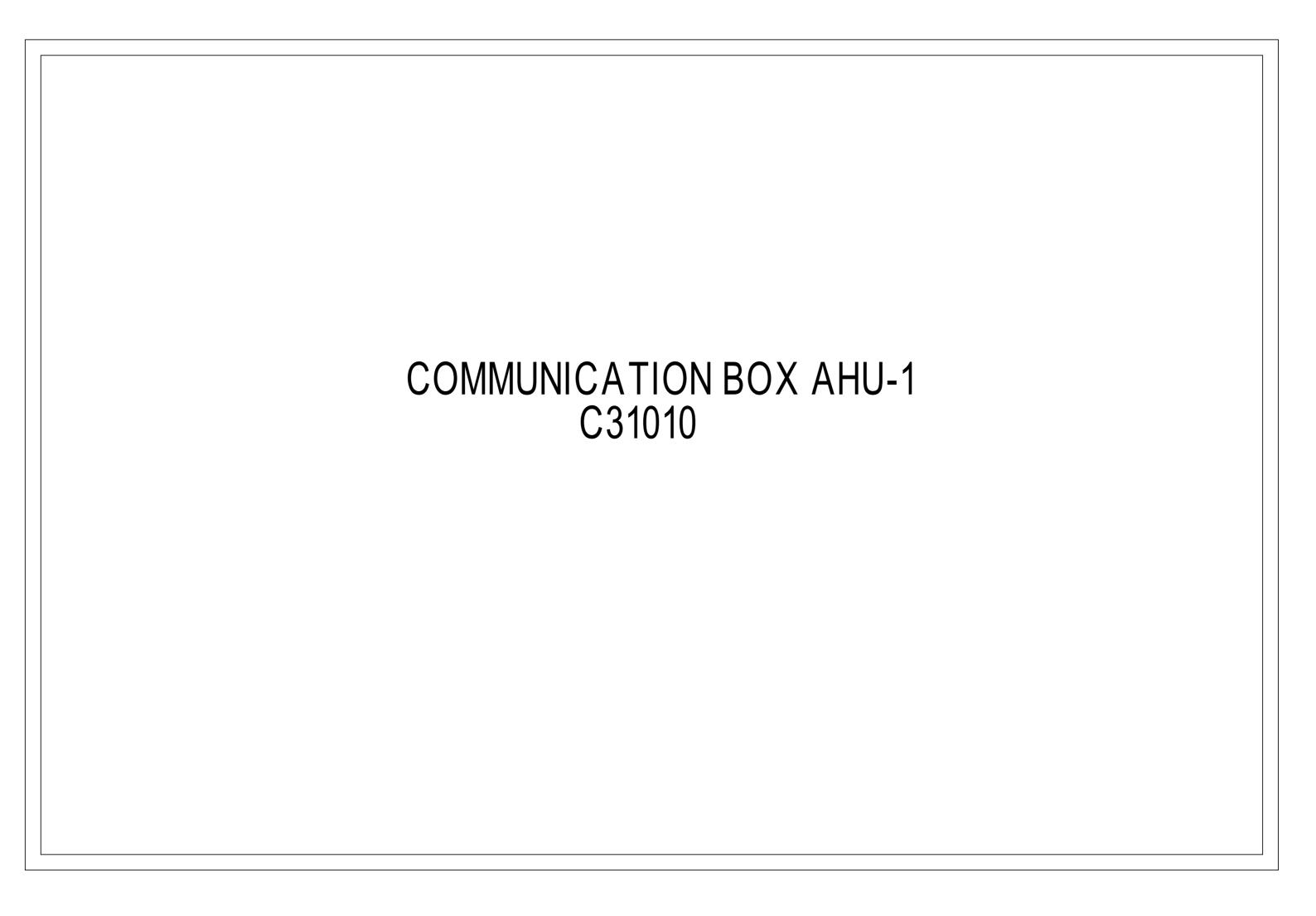
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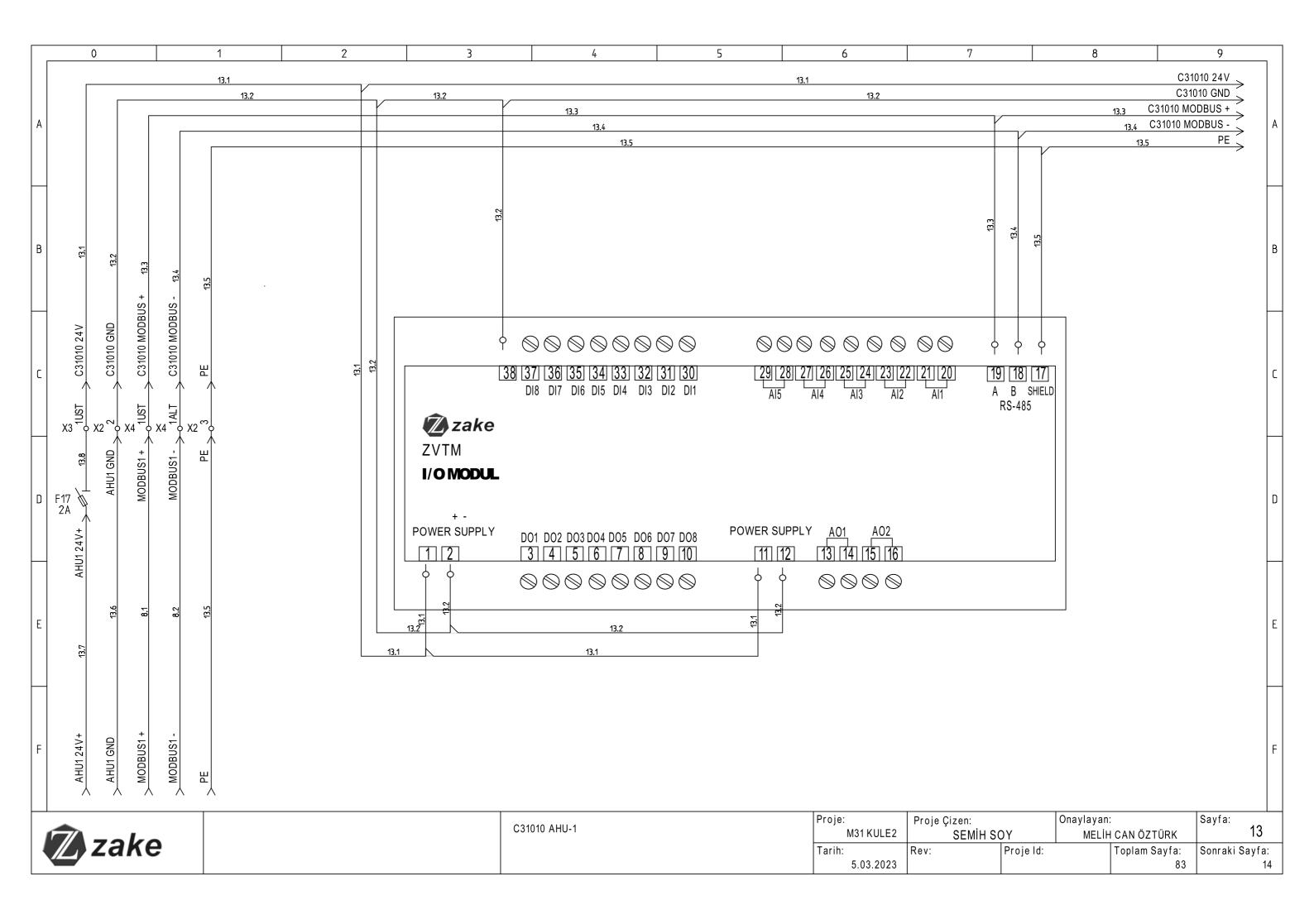
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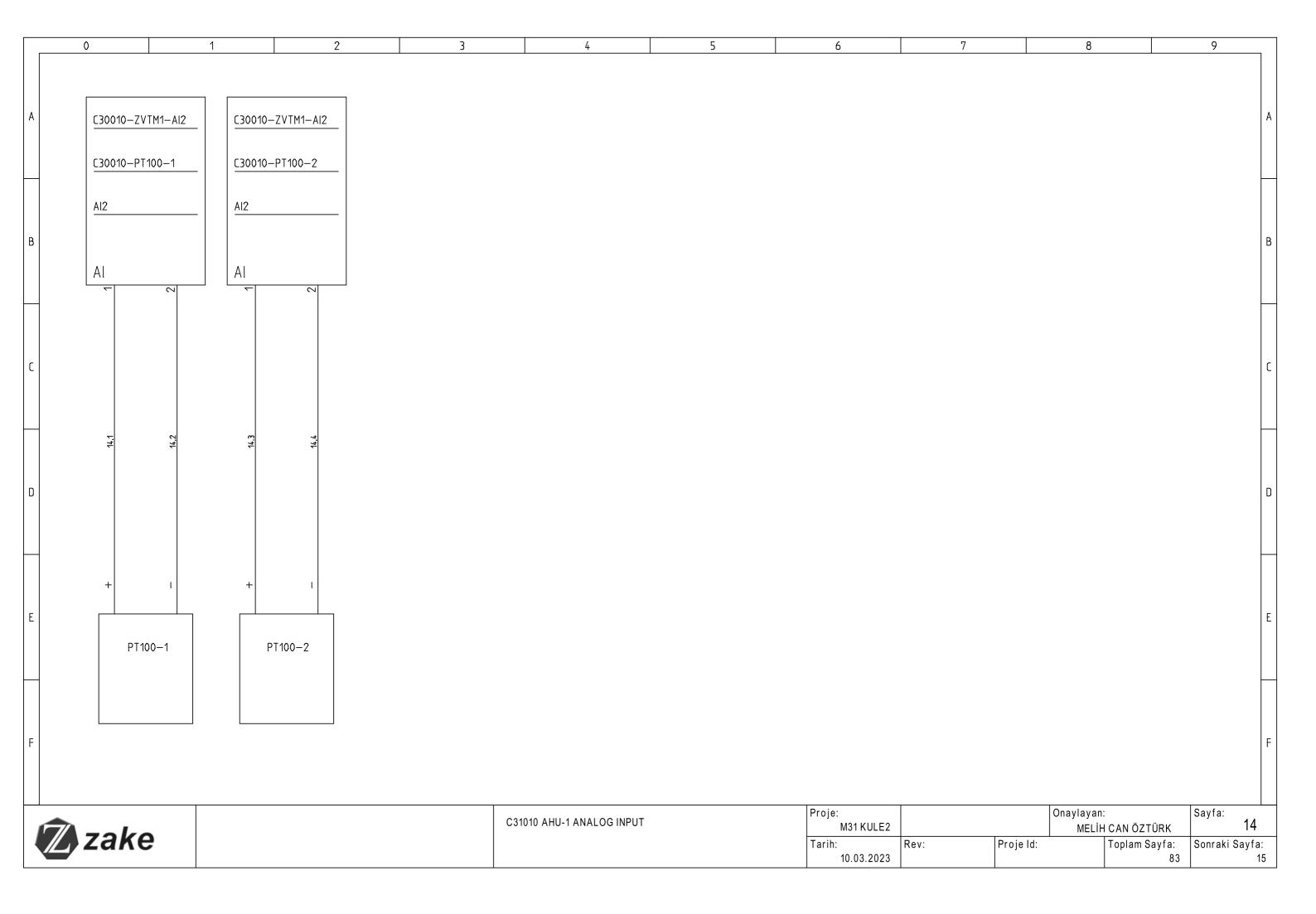
M30 MASTER

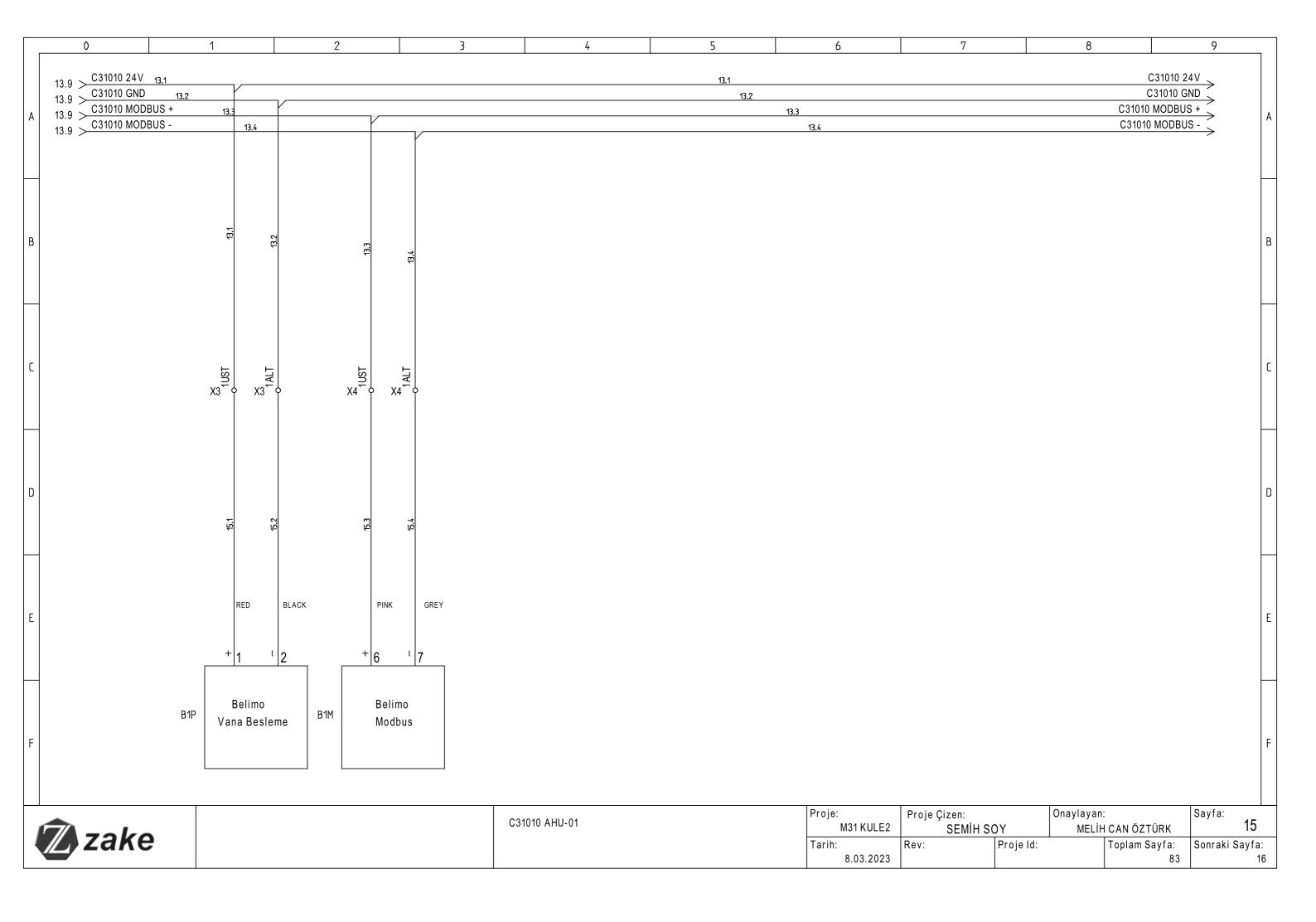
TERMINAL LISTS

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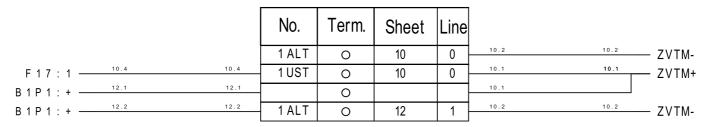


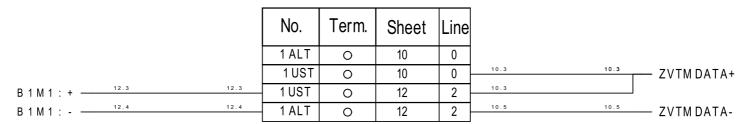




A list of materials Type (Cat. No.) Lin. Weight Outer Diam. Voltage Price Current Supplier Tag Series Description Product ZVTM I/O MODUL ZVTM-51 ZAKE F17 WEIMULLER SIGORTALI KLEMENS 2562730000-WSI6 вох 280X210X130 TONGUN TNGPANOPLS 28G21G13 KLEMENS 1547610000 WEIDMULLER CIFT KATLI KLEMENS DURDURUCU CIFT KATLI KLEMENS WEIDMULLER 9540000000 Sheet: Document Number: Rev.: Rev. Date: Modifications Since Previous Revision C30010 16 of 84 Cre. Date: 8.03.2023 Modification #1 C30010 A LIST OF MATERIIALS Sheet Created by: Modification #2 Modification #3 For Technical Support Please Call 1-866-SEE-INFO

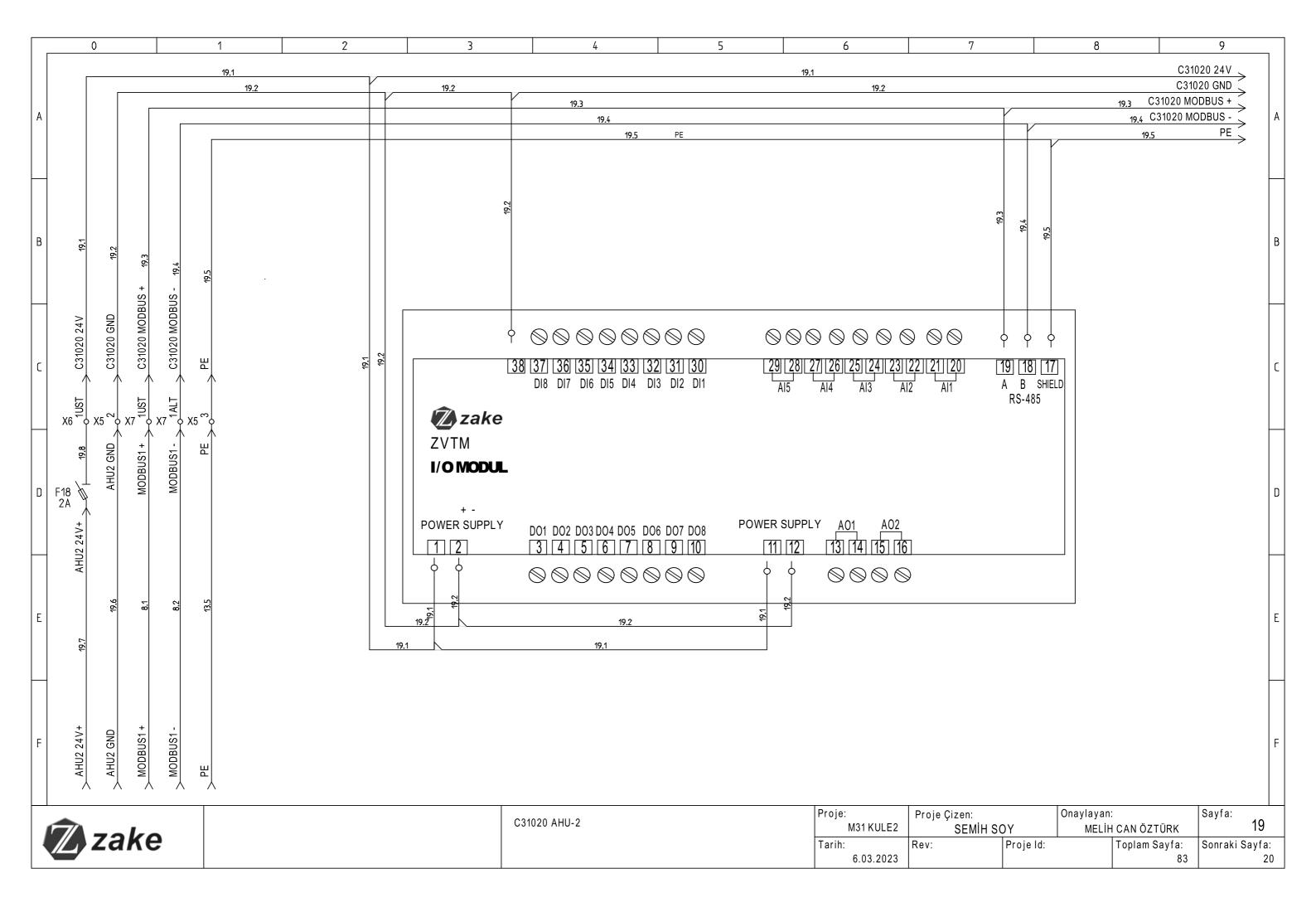
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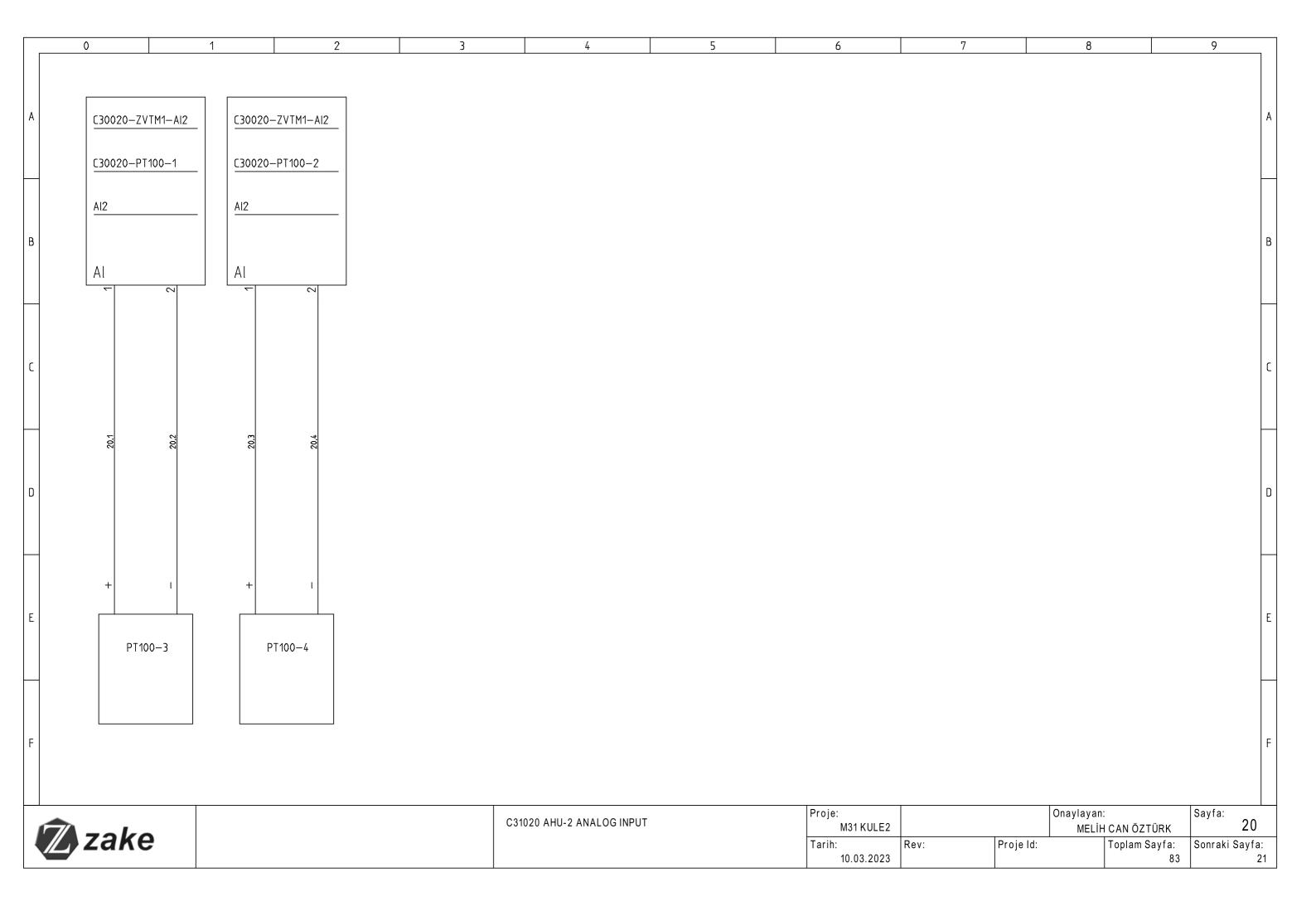


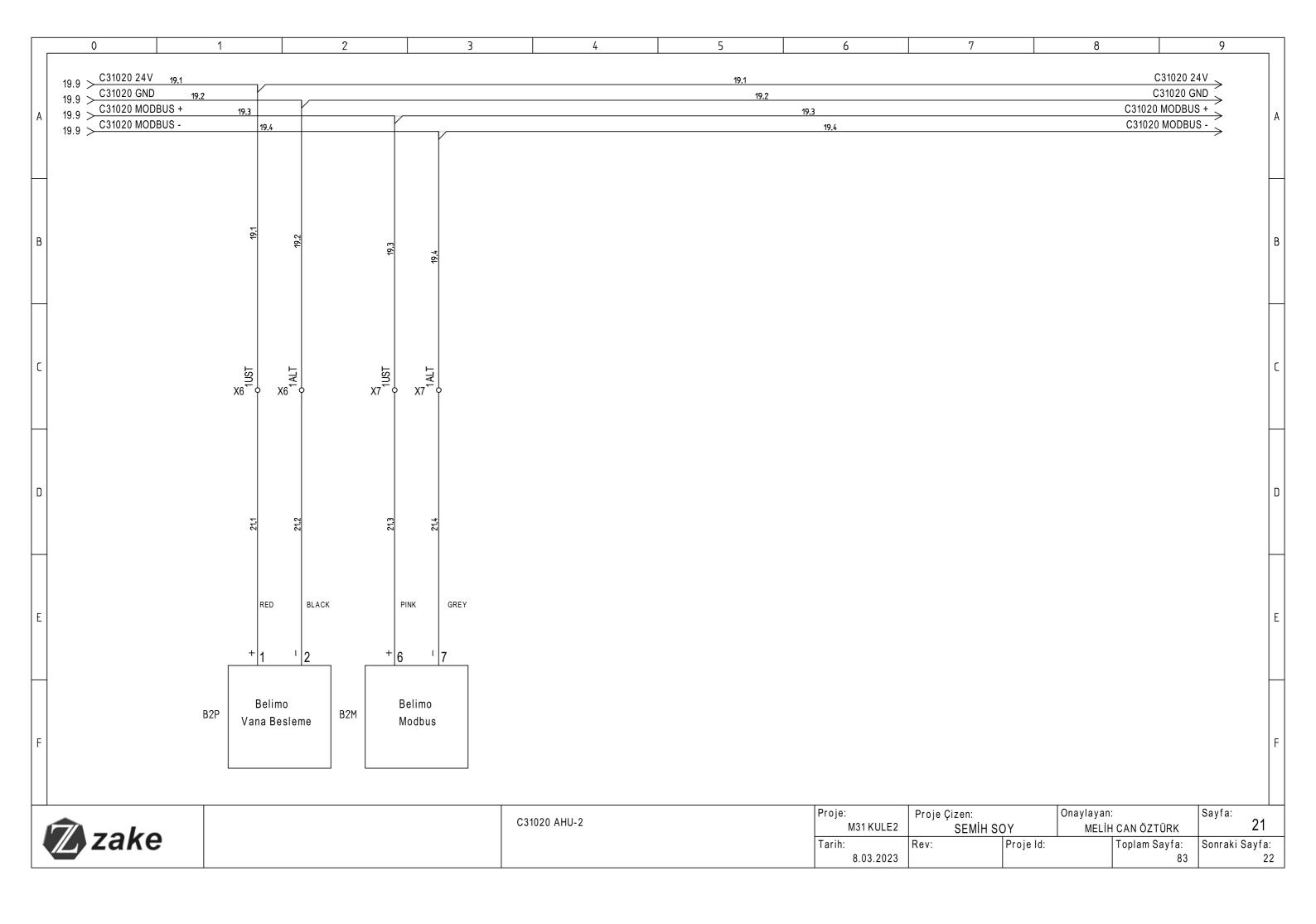


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Modification #3		C31010 TERMINAL LISTS					









A list of materials Type (Cat. No.) Lin. Weight Outer Diam. Voltage Current Supplier Tag Series Description Product Price ZVTM I/O MODUL ZAKE ZVTM-51 F18 SIGORTALI KLEMENS WEIMULLER 2562730000-WSI6 вох TONGUN TNGPANOPLS 28G21G13 280X210X130 KLEMENS WEIDMULLER 1547610000 CIFT KATLI KLEMENS DURDURUCU 9540000000 CIFT KATLI KLEMENS WEIDMULLER Sheet: Rev. Date: Rev.: C30010 Document Number: Modifications Since Previous Revision 22 of 84 Cre. Date: 8.03.2023 Modification #1 C31020 A LIST OF MATERIIALS Sheet Created by: Modification #2

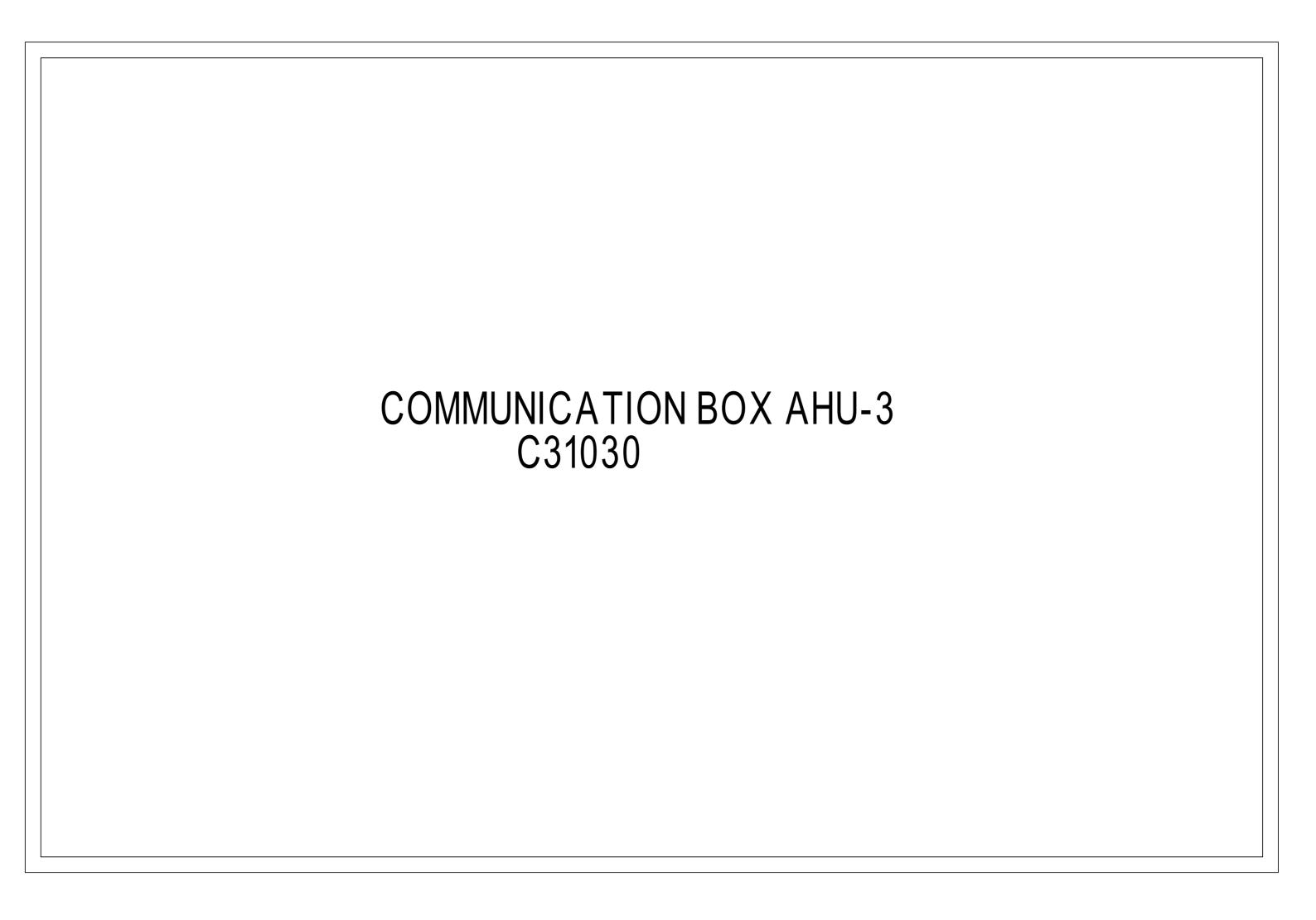
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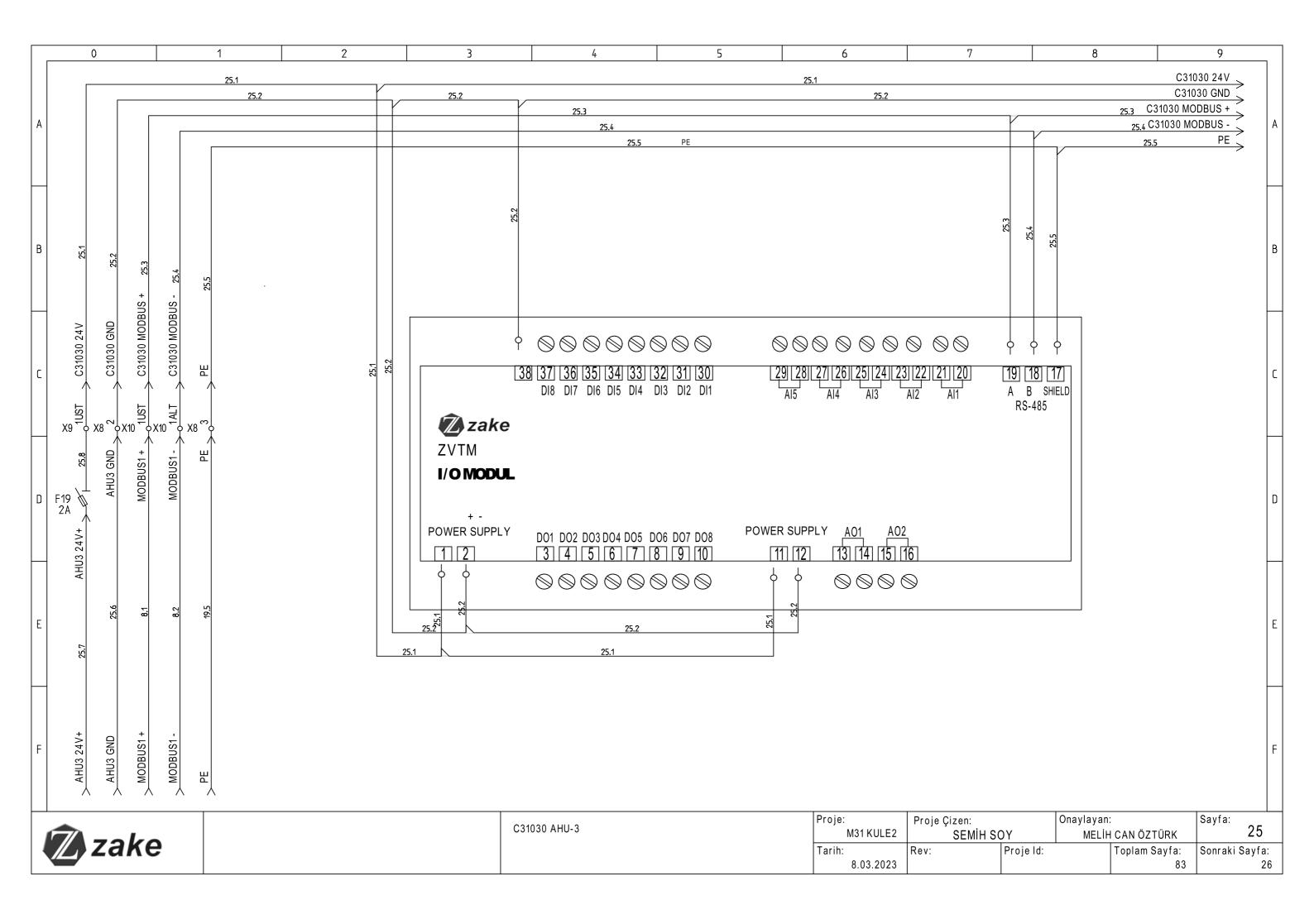
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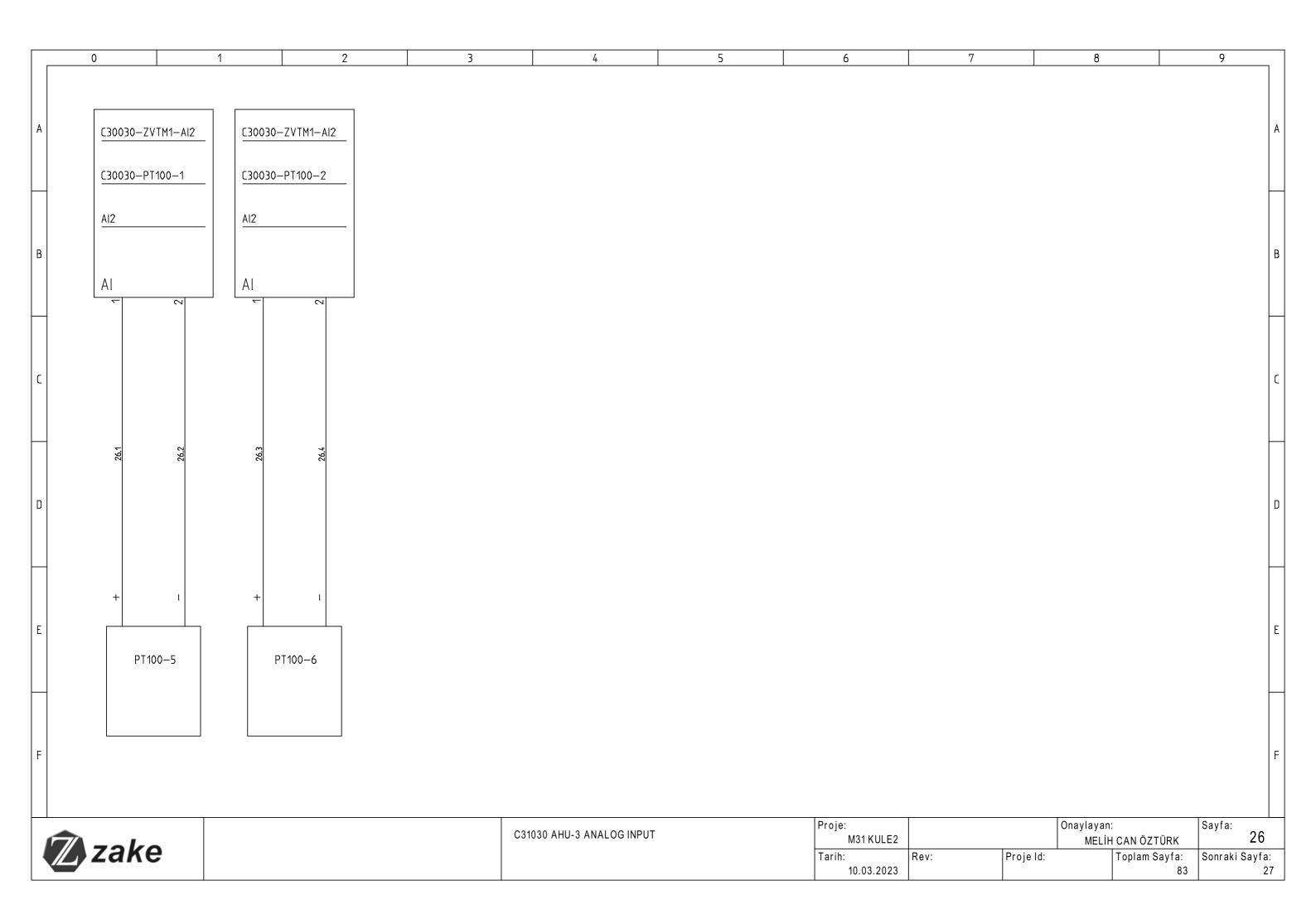
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B 2 P : + -	18.1	18.1		0			16.1		
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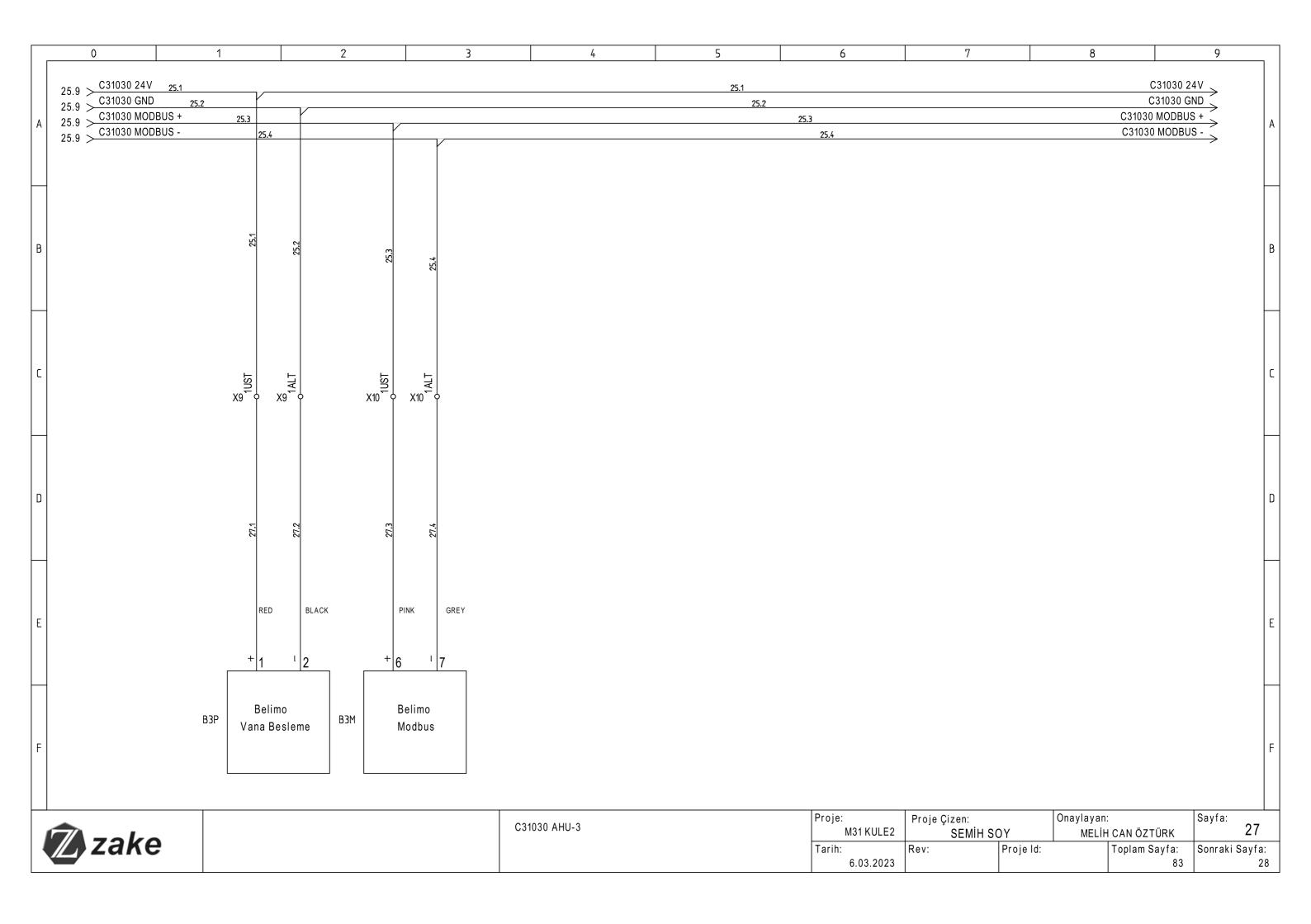
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		Ī	1 UST	0	16	0	16.3 16.3	ZVTM DATA+
B 2 M : + -	18.3	18.3	1 UST	0	18	2	16.3	
B 2 M :	18.4	18.4	1 ALT	0	18	2	16.4	

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Modification #2		004000 TERMINAL LIGTO			Sheet Created by:		
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A list of materials Type (Cat. No.) Lin. Weight Outer Diam. Voltage Current Supplier Tag Series Description Product Price ZVTM I/O MODUL ZAKE ZVTM-51 F19 SIGORTALI KLEMENS WEIMULLER 2562730000-WSI6 вох TONGUN TNGPANOPLS 28G21G13 280X210X130 KLEMENS WEIDMULLER 1547610000 CIFT KATLI KLEMENS DURDURUCU 9540000000 CIFT KATLI KLEMENS WEIDMULLER Sheet: Rev. Date: Rev.: Document Number: C30010 Modifications Since Previous Revision 28 of 84 Cre. Date: 8.03.2023 Modification #1 C30030 A LIST OF MATERIIALS Sheet Created by: Modification #2

Modification #3

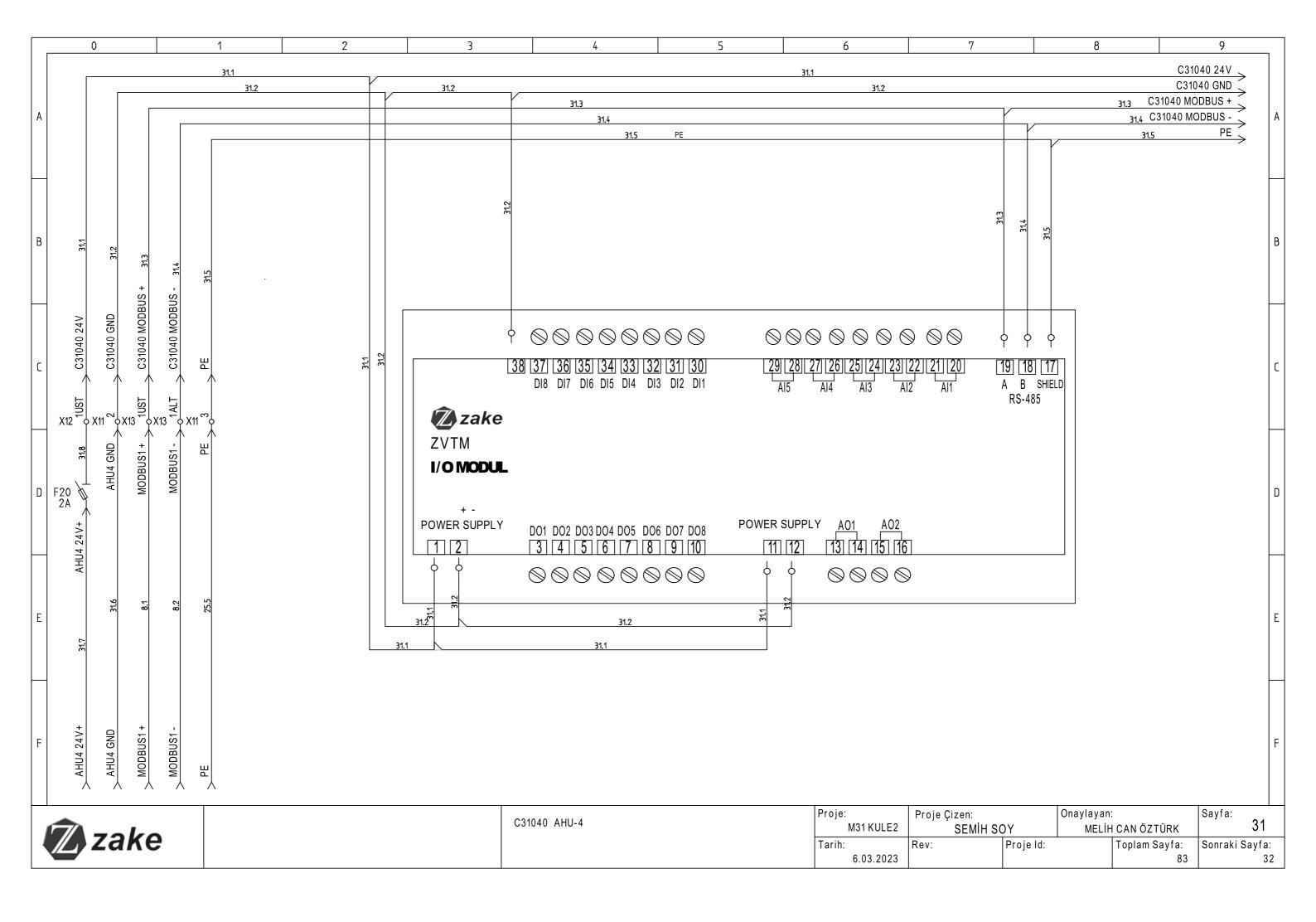
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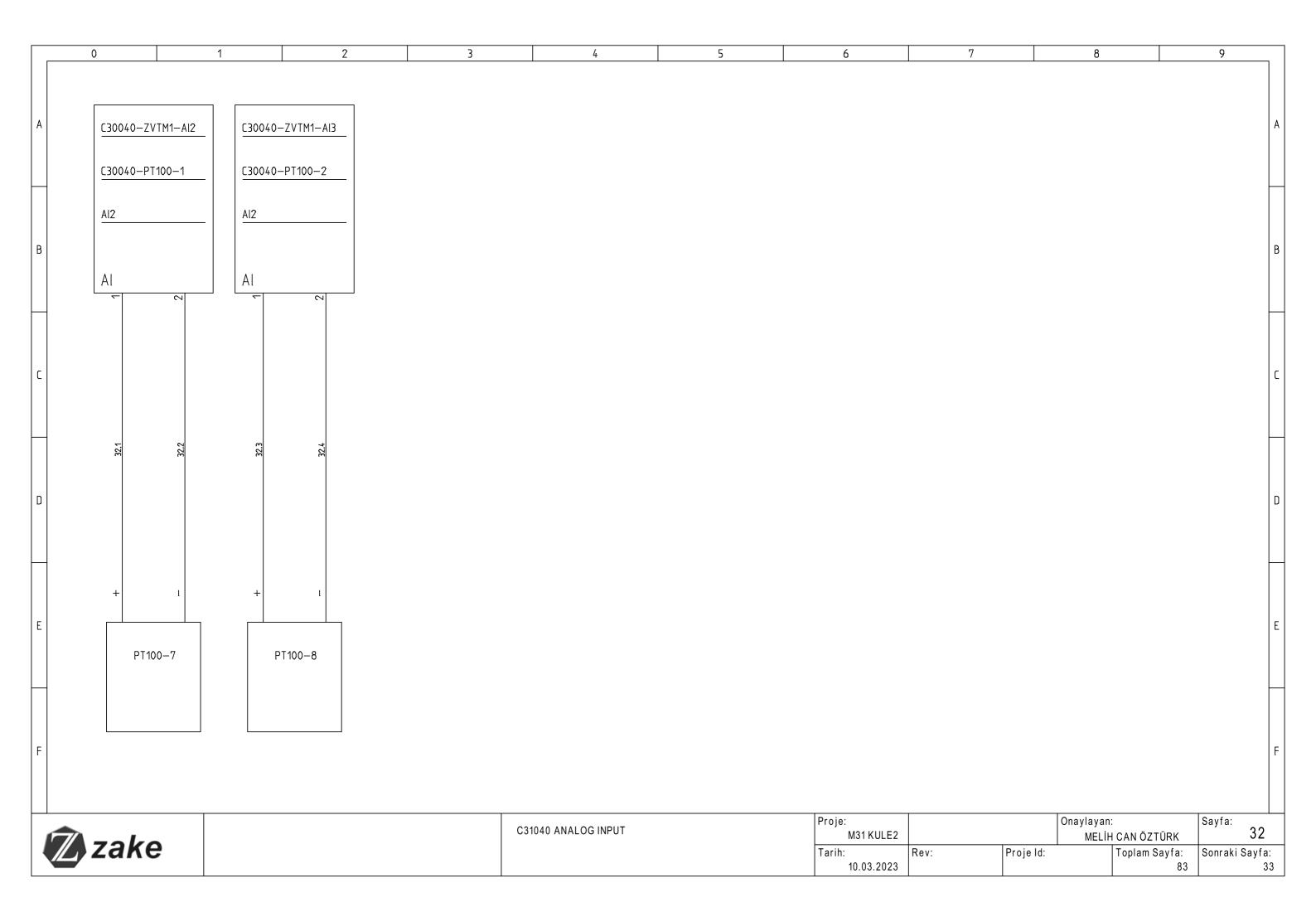
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B 3 P : +	2 4 . 1	24.1	1 UST	0	24	1	22.1		
B 3 P : +	24.2	24.2	1 ALT	0	24	1	22.2	22.2	— ZVTM-

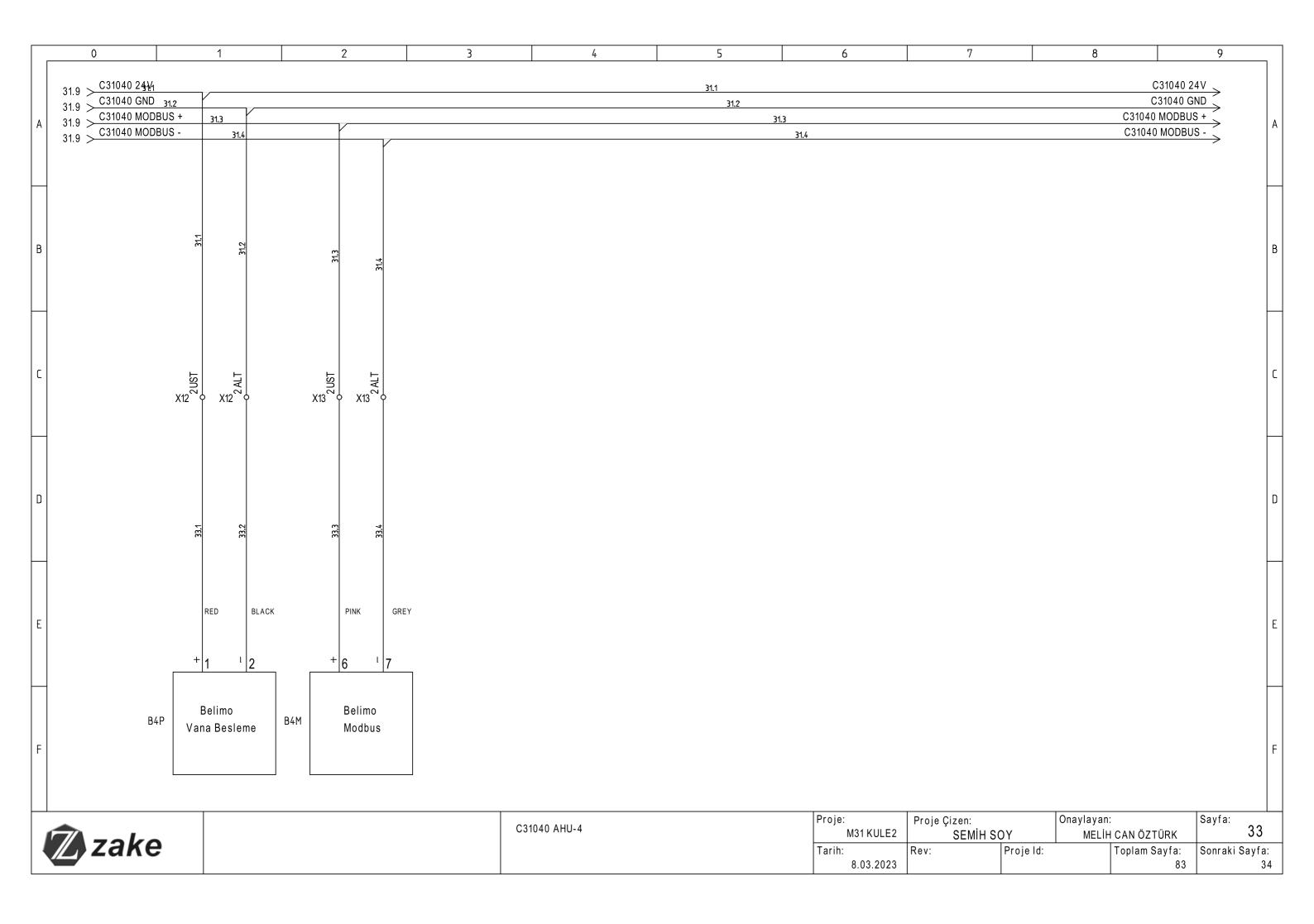
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B 3 M : + —	24.3	24.3	1 UST	0	24	2	22.3	
B 3 M : - —	24.4	24.4	1 ALT	0	24	2	22.4	J

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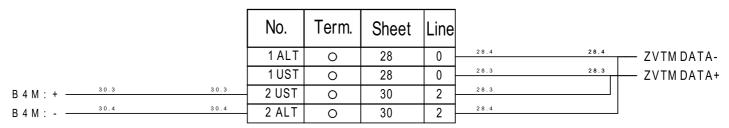




A list of materials Type (Cat. No.) Lin. Weight Outer Diam. Voltage Price Current Supplier Tag Series Description Product ZVTM I/O MODUL ZVTM-51 ZAKE F20 SIGORTALI KLEMENS WEIMULLER 2562730000-WSI6 вох 280X210X130 TONGUN TNGPANOPLS 28G21G13 KLEMENS 1547610000 WEIDMULLER CIFT KATLI KLEMENS DURDURUCU CIFT KATLI KLEMENS WEIDMULLER 9540000000 Sheet: Document Number: Rev.: Rev. Date: Modifications Since Previous Revision C30010 34 of 84 Cre. Date: 8.03.2023 Modification #1 C31040 A LIST OF MATERIIALS Sheet Created by: Modification #2 Modification #3

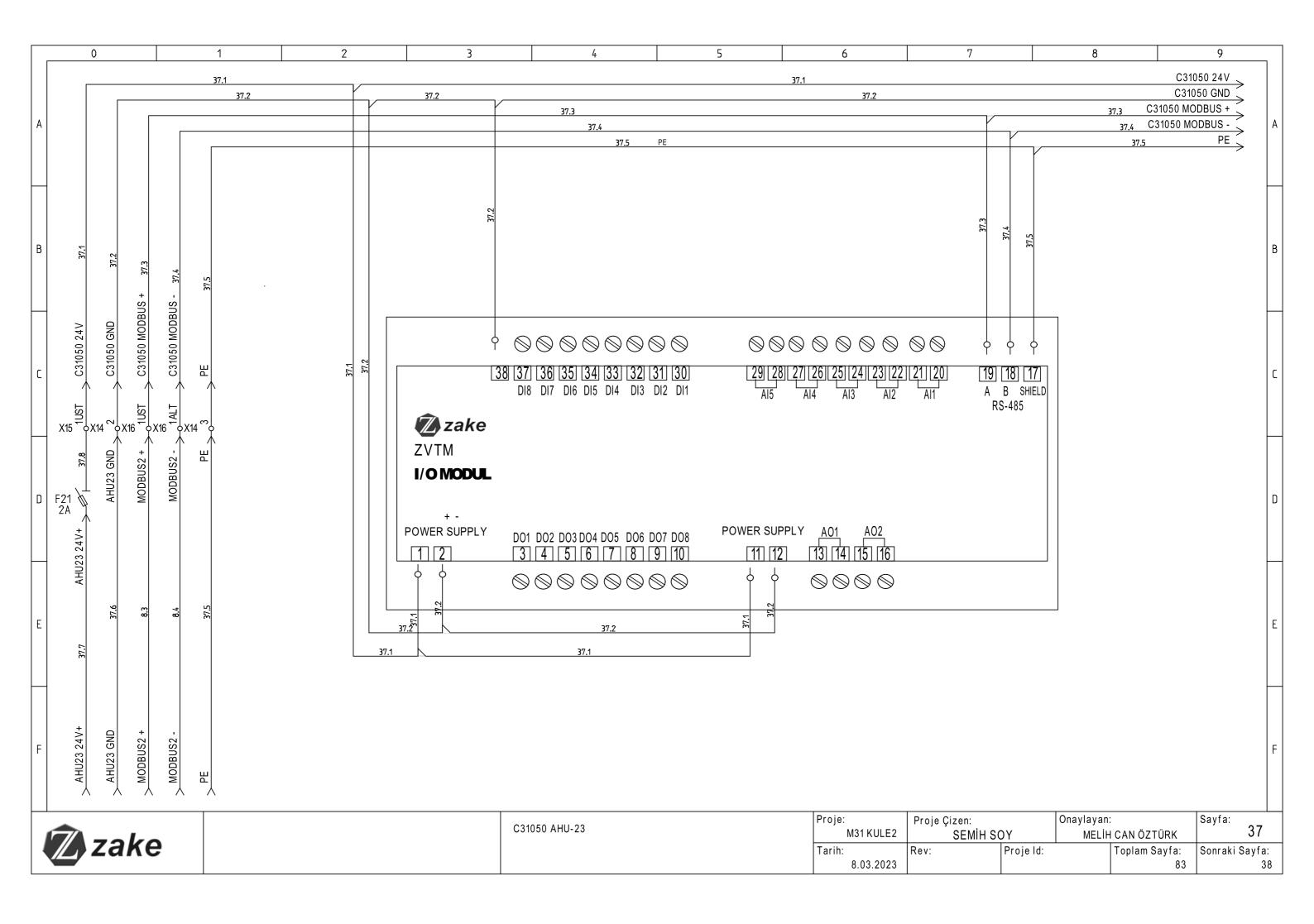
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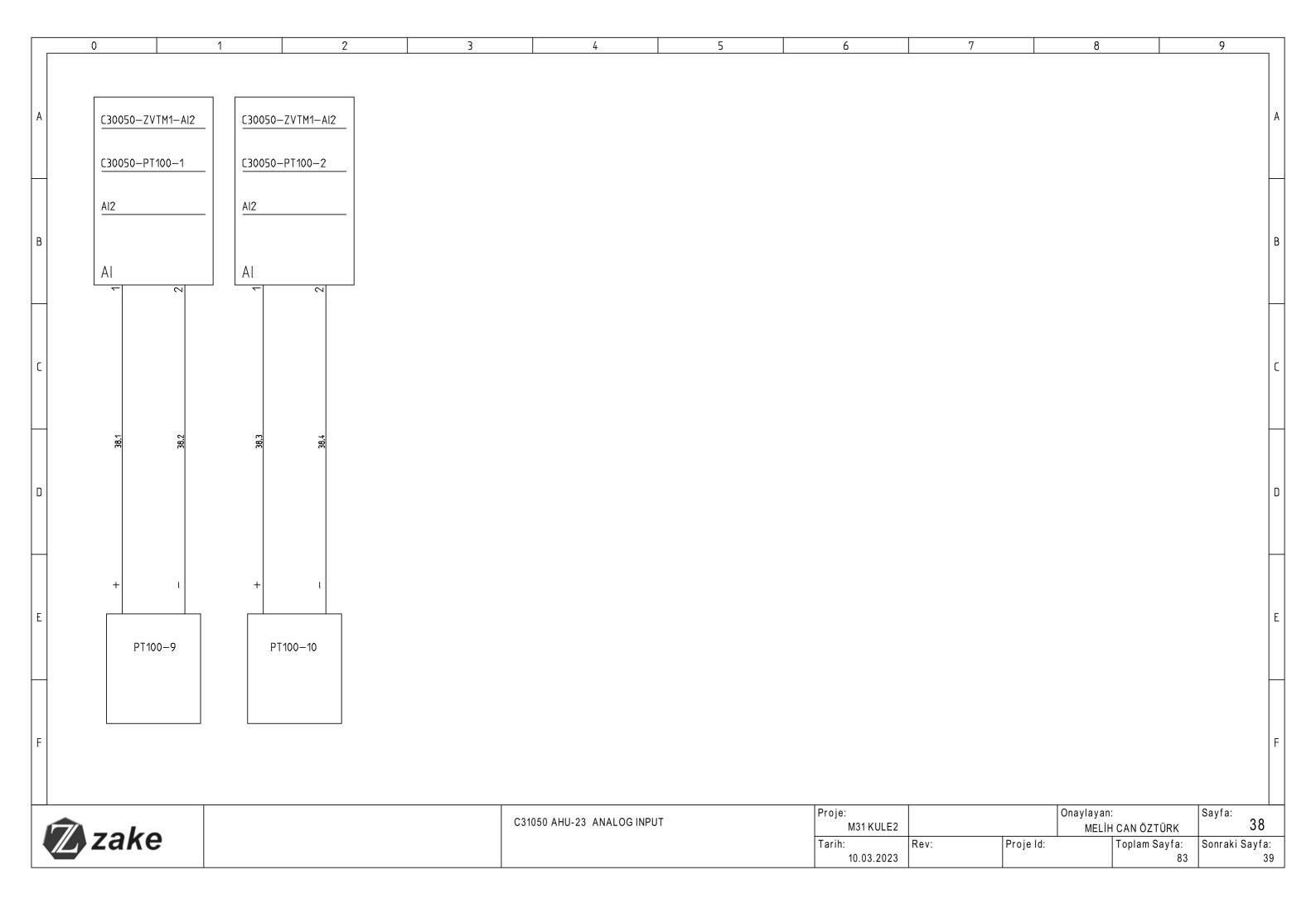
			No.	Term.	Sheet	Line			
			1 ALT	0	28	0	28.2	28.2	— ZVTM -
F 2 0 : 1	28.5	28.5	1 UST	0	28	0	28.1	28.1	— ZVTM+
B 4 P : +	30.1	30.1	2 UST	0	30	1	28.1		
B4P:+	30.2	3 0 . 2	2 ALT	0	30	1	28.2	28.2	— ZVTM-

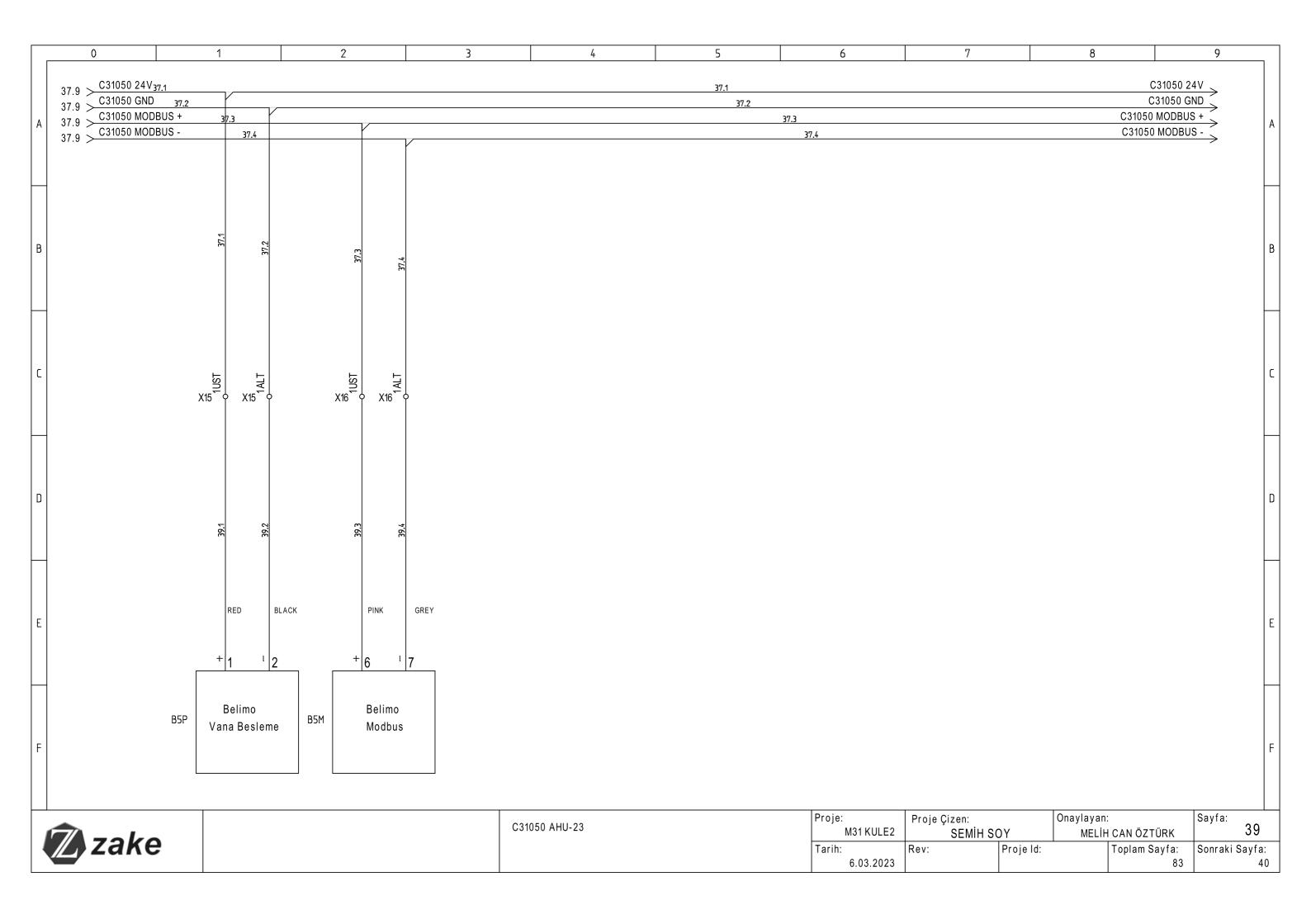


	Modifications Since Previous Revision	C30040	Document Number:	Sheet:	Rev. Date:		Rev.:
Modification #1				35 of 84	Cre. Date:	8.03.2023	
Modification #2		004040 TERMINAL LIGTO			Sheet Created by:		
Modification #3		C31040 TERMINAL LISTS					









A list of materials Type (Cat. No.) Lin. Weight Outer Diam. Voltage Price Current Supplier Tag Series Description Product ZVTM I/O MODUL ZVTM-51 ZAKE F21 WEIMULLER SIGORTALI KLEMENS 2562730000-WSI6 вох 280X210X130 TONGUN TNGPANOPLS 28G21G13 KLEMENS 1547610000 WEIDMULLER CIFT KATLI KLEMENS DURDURUCU CIFT KATLI KLEMENS WEIDMULLER 9540000000 Sheet: Document Number: Rev.: Rev. Date: Modifications Since Previous Revision C30010 40 of 84 Cre. Date: 8.03.2023 Modification #1 C31050 A LIST OF MATERIIALS Sheet Created by: Modification #2 Modification #3 For Technical Support Please Call 1-866-SEE-INFO

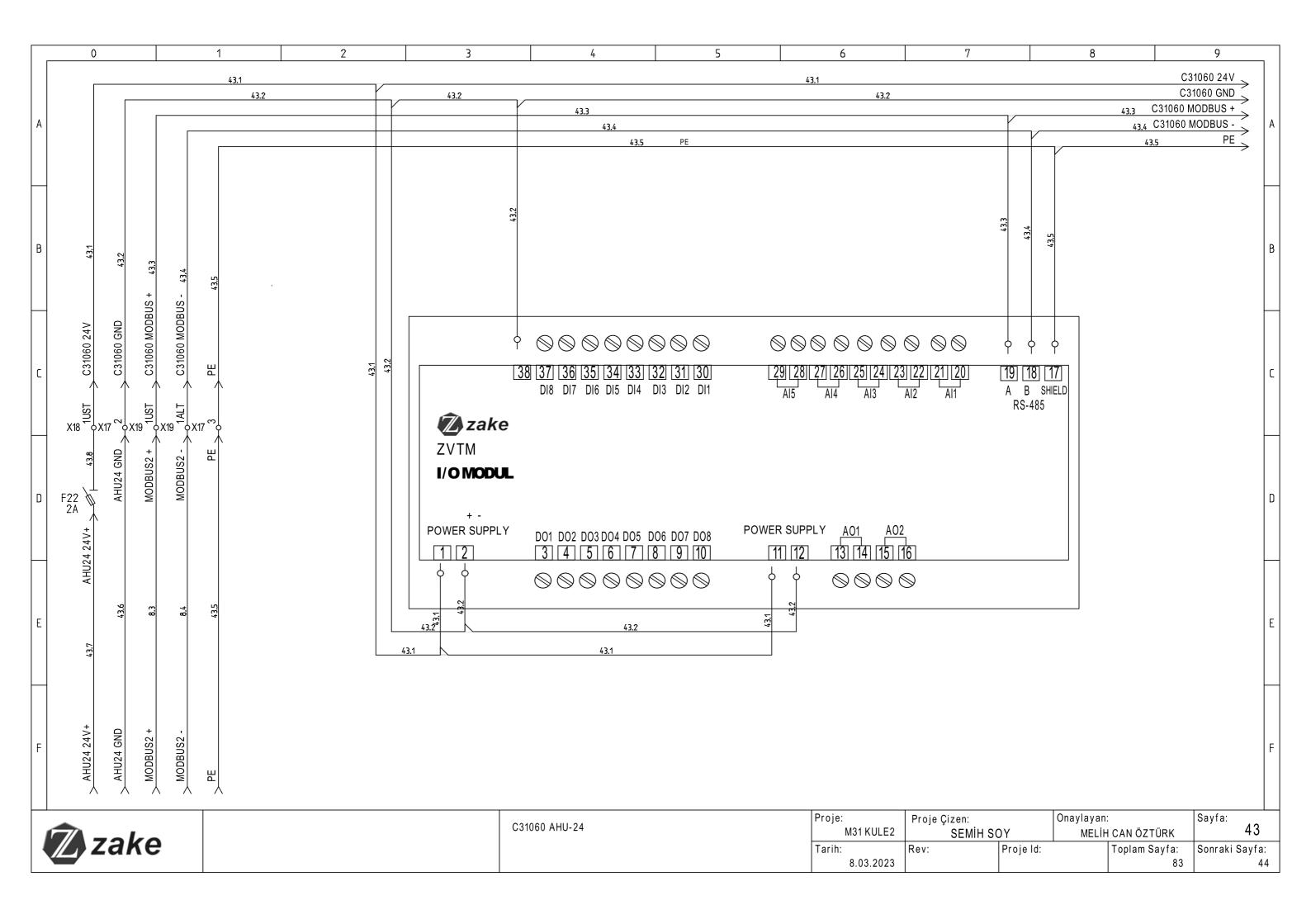
X15

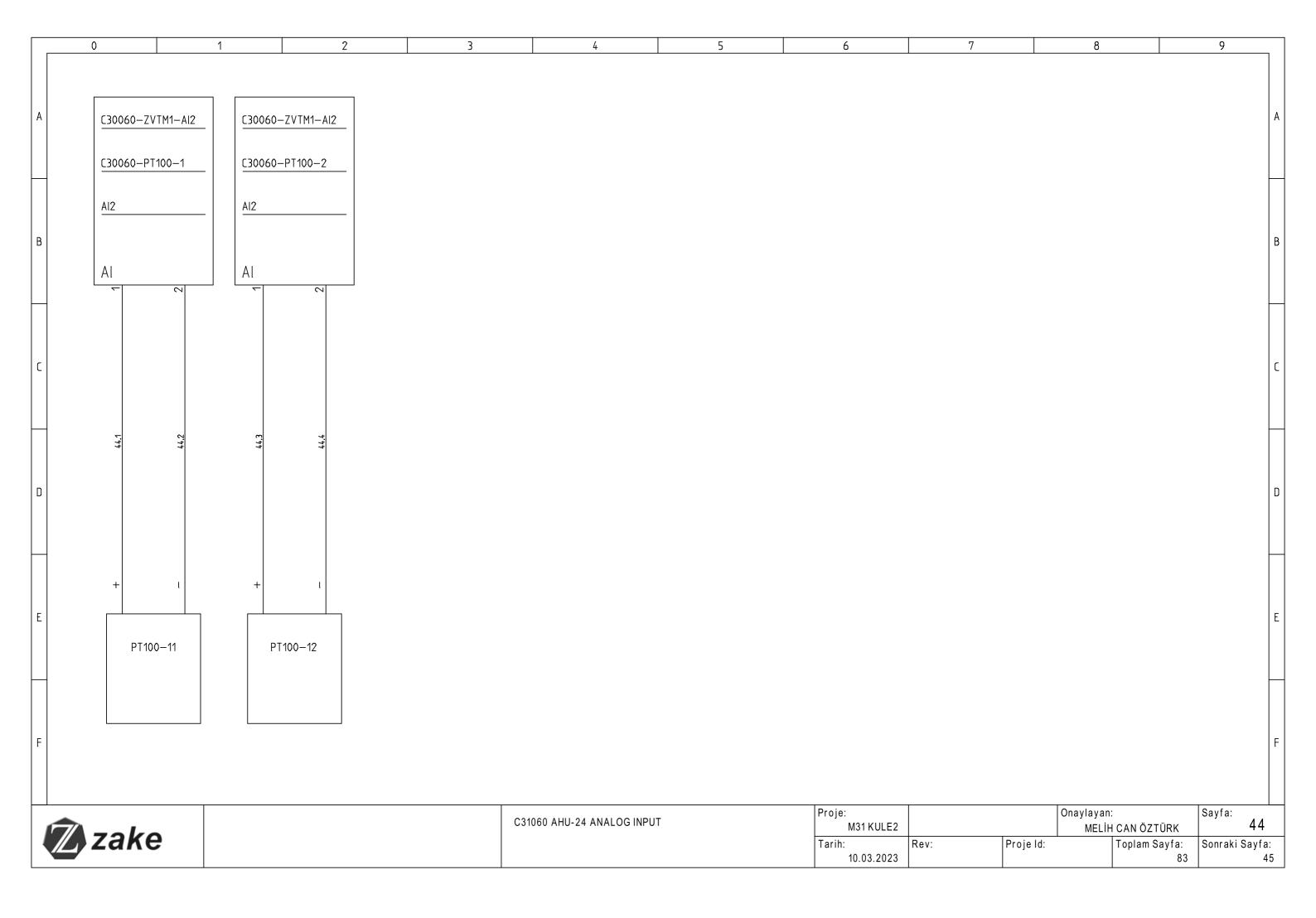
			No.	Term.	Sheet	Line			
			1 ALT	0	34	0	3 4 . 2	3 4 . 2	— ZVTM-
F 2 1 : 1 -	3 4 . 5	34.5	1 UST	0	34	0	3 4 . 1	34.1	— ZVTM+
B 5 P : + -	36.1	3 6 . 1		0			3 4 . 1		
B 5 P : + -	36.2	36.2	1 ALT	0	36	1	3 4 . 2	3 4 . 2	— ZVTM-

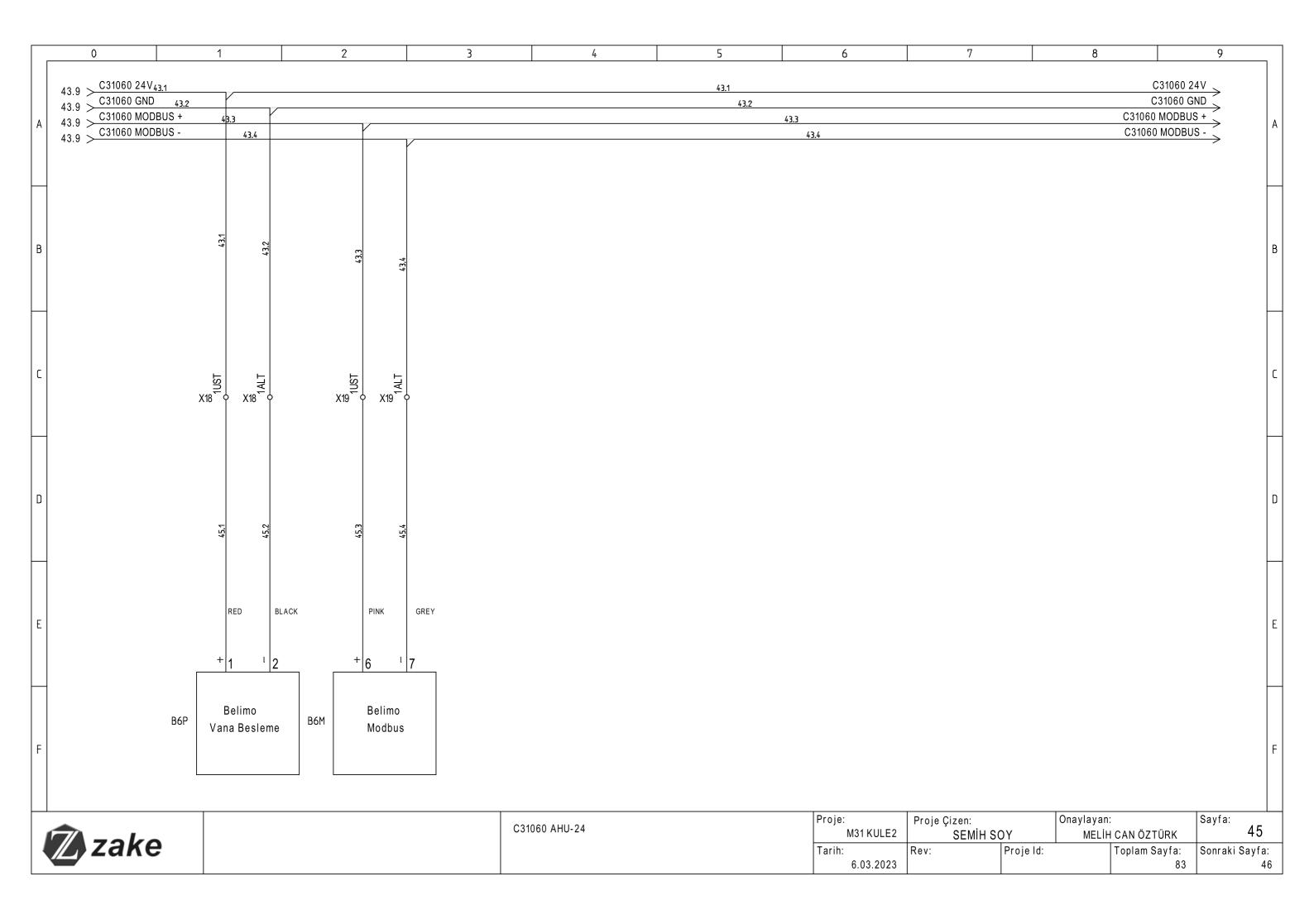
			No.	Term.	Sheet	Line			
			1 ALT	0	34	0	34.4	34.4	ZVTM DATA-
			1 UST	0	34	0	34.3	34.3	— ZVTM DATA+
B 5 M : + -	36.3	36.3	1 UST	0	36	2	34.3		
B 5 M :	3 6 . 4	36.4	1 ALT	0	36	3	34.4		

	Modifications Since Previous Revision	C30050	Document Number:	I	Rev. Date:		Rev.:
Modification #1		030030		41 of 84	Cre. Date:	8.03.2023	
Modification #2		004050 TERMINIAL LIOTO			Sheet Created by:		
Modification #3		C31050 TERMINAL LISTS					









A list of materials Type (Cat. No.) Lin. Weight Outer Diam. Voltage Current Supplier Tag Series Description Product Price ZVTM I/O MODUL ZAKE ZVTM-51 F22 SIGORTALI KLEMENS WEIMULLER 2562730000-WSI6 вох TONGUN TNGPANOPLS 28G21G13 280X210X130 KLEMENS WEIDMULLER 1547610000 CIFT KATLI KLEMENS DURDURUCU 9540000000 CIFT KATLI KLEMENS WEIDMULLER Sheet: Rev. Date: Rev.: C30010 Document Number: Modifications Since Previous Revision 46 of 84Cre. Date: 8.03.2023 Modification #1 C31060 A LIST OF MATERIIALS Sheet Created by: Modification #2 Modification #3

X18

			No.	Term.	Sheet	Line			
			1 ALT	0	40	0	40.2	40.2	— ZVTM-
F 2 2 : 1	40.5	40.5	1 UST	0	40	0	40.1	40.1	— ZVTM+
B 6 P : +	4 2 . 1	42.1		0			40.1		
B 6 P : +	42.2	42.2	1 ALT	0	42	1	40.2	40.2	— ZVTM-

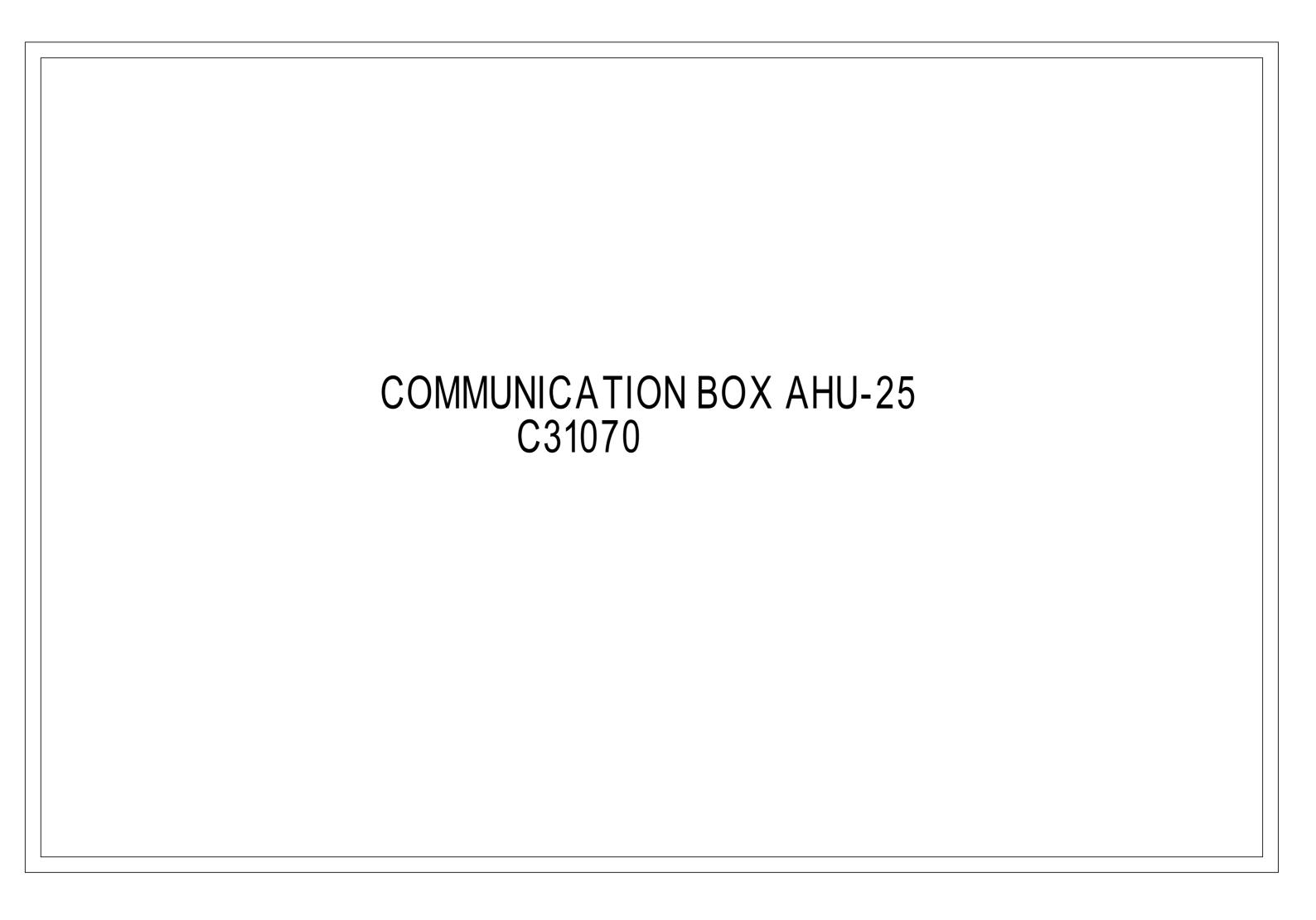
X19

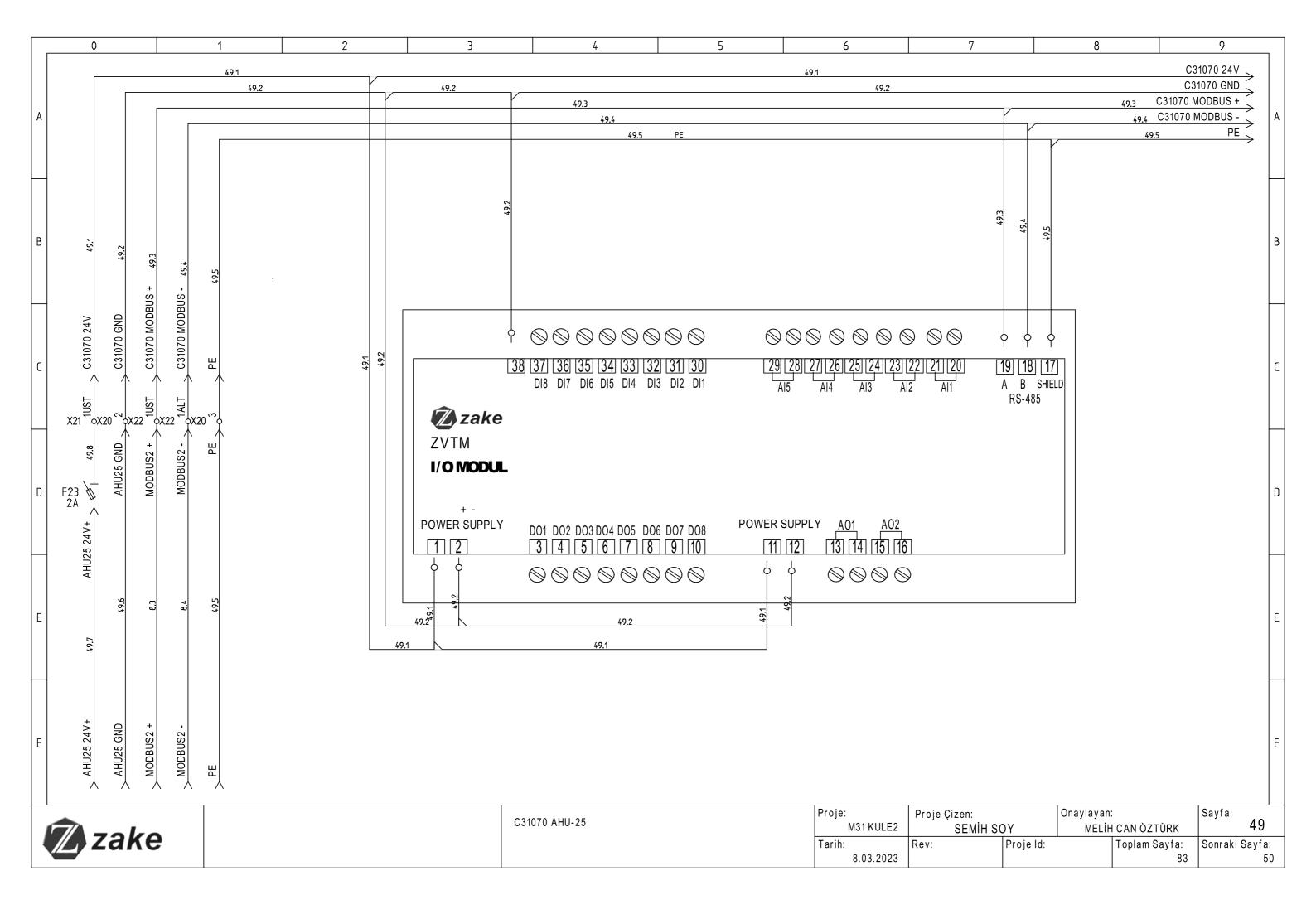
		No.	Term.	Sheet	Line			
		1 ALT	0	40	0	40.4	40.4	ZVTM DATA-
		1 UST	0	40	0	40.3	40.3	ZVTM DATA+
B 6 M : +	42.3	1 UST	0	42	2	40.3		
B 6 M :	42.4	1 ALT	0	42	3	4 0 . 4]

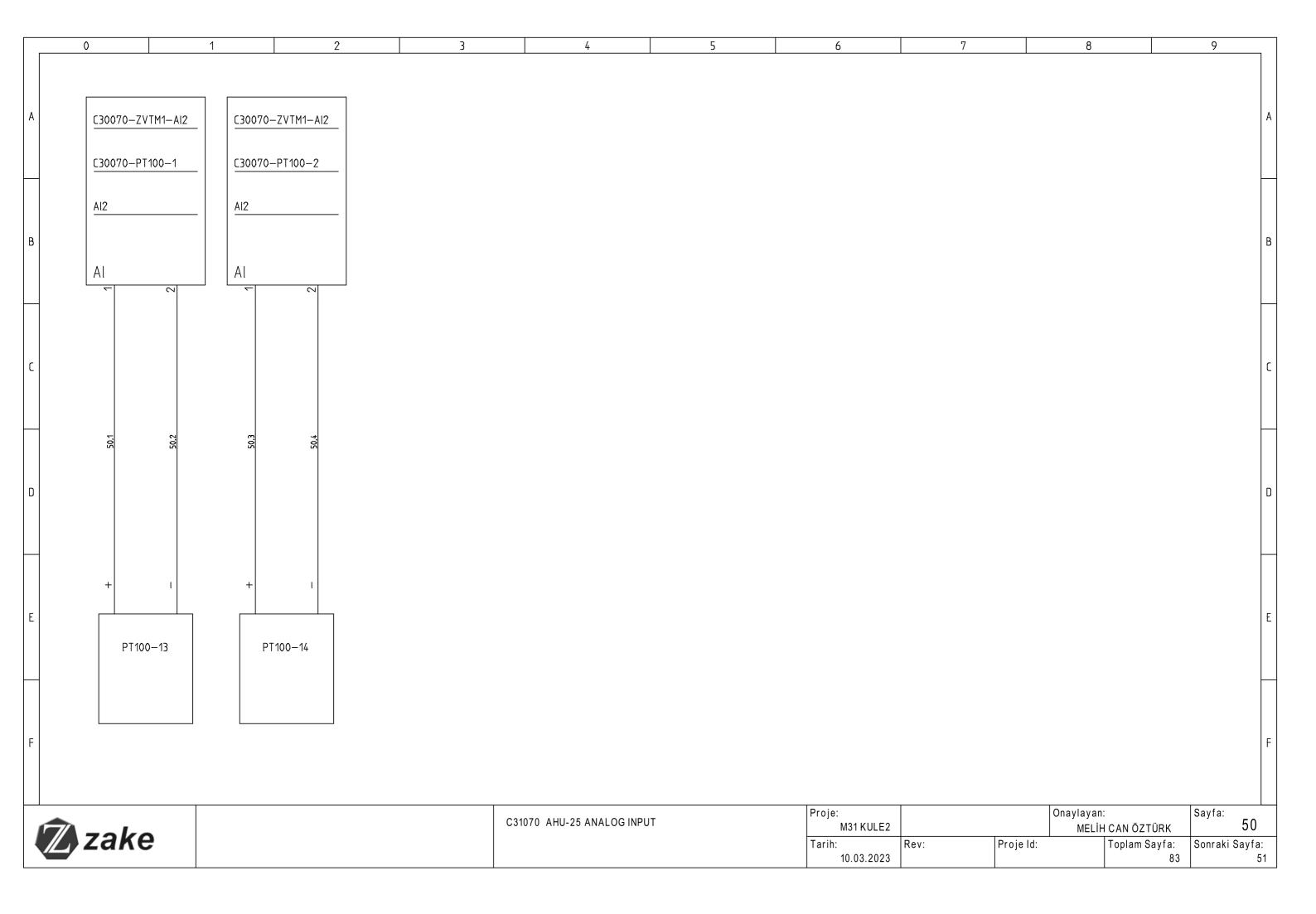
Rev.:

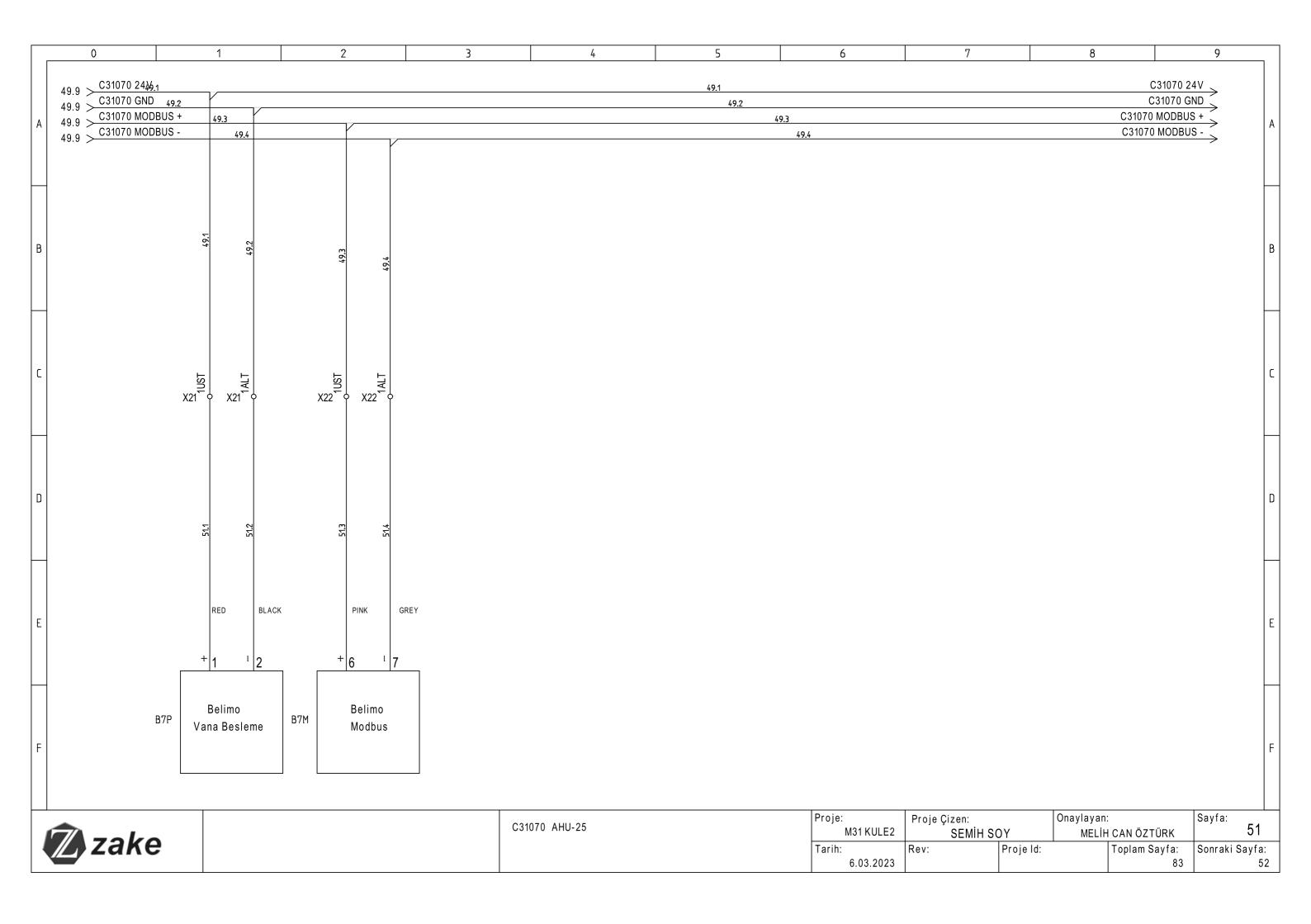
8.03.2023

	Modifications Since Previous Revision	C30060	Document Number:	Sheet:	Rev. Date:
Modification #1				4 / of 84	Cre. Date:
Modification #2		004000 TERMINAL LIGTO			Sheet Created by:
Modification #3		C31060 TERMINAL LISTS			









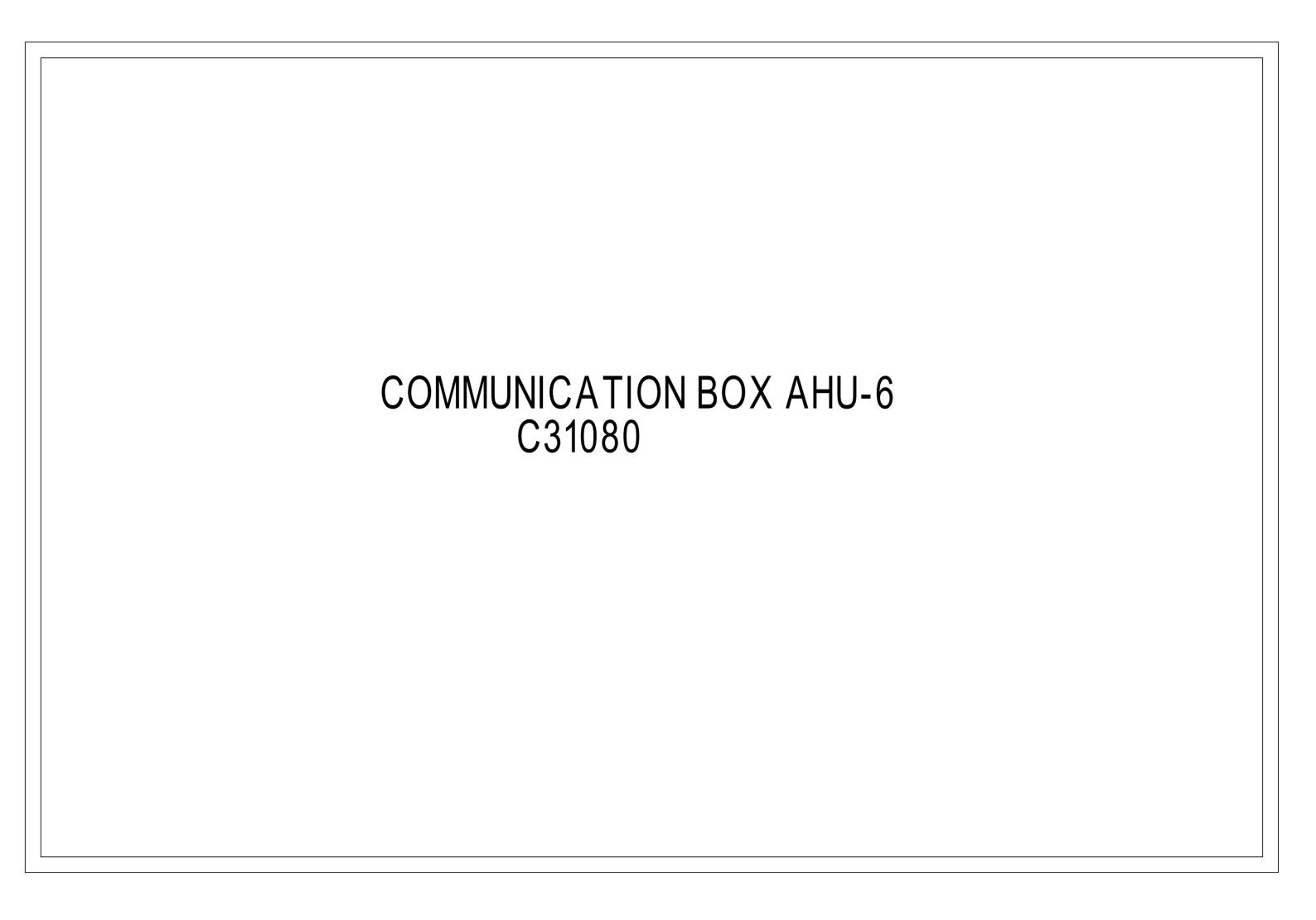
A list of materials Type (Cat. No.) Lin. Weight Outer Diam. Voltage Price Current Supplier Tag Series Description Product ZVTM I/O MODUL ZVTM-51 ZAKE F23 SIGORTALI KLEMENS WEIMULLER 2562730000-WSI6 вох 280X210X130 TONGUN TNGPANOPLS 28G21G13 KLEMENS 1547610000 WEIDMULLER CIFT KATLI KLEMENS DURDURUCU CIFT KATLI KLEMENS WEIDMULLER 9540000000 Sheet: Document Number: Rev.: Rev. Date: Modifications Since Previous Revision C30010 52 of 84 Cre. Date: 8.03.2023 Modification #1 C31070 A LIST OF MATERIIALS Sheet Created by: Modification #2 Modification #3 For Technical Support Please Call 1-866-SEE-INFO

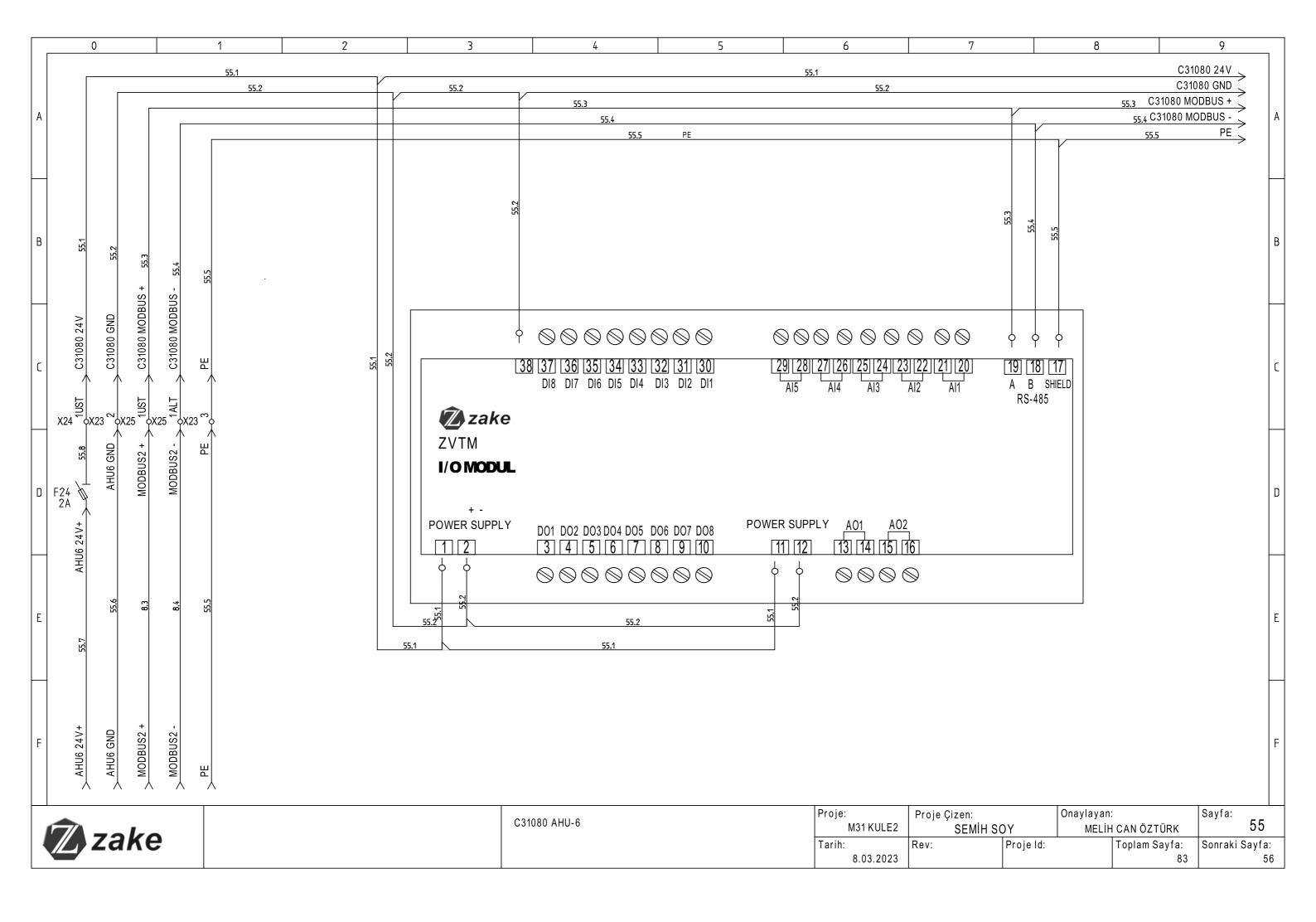
X21

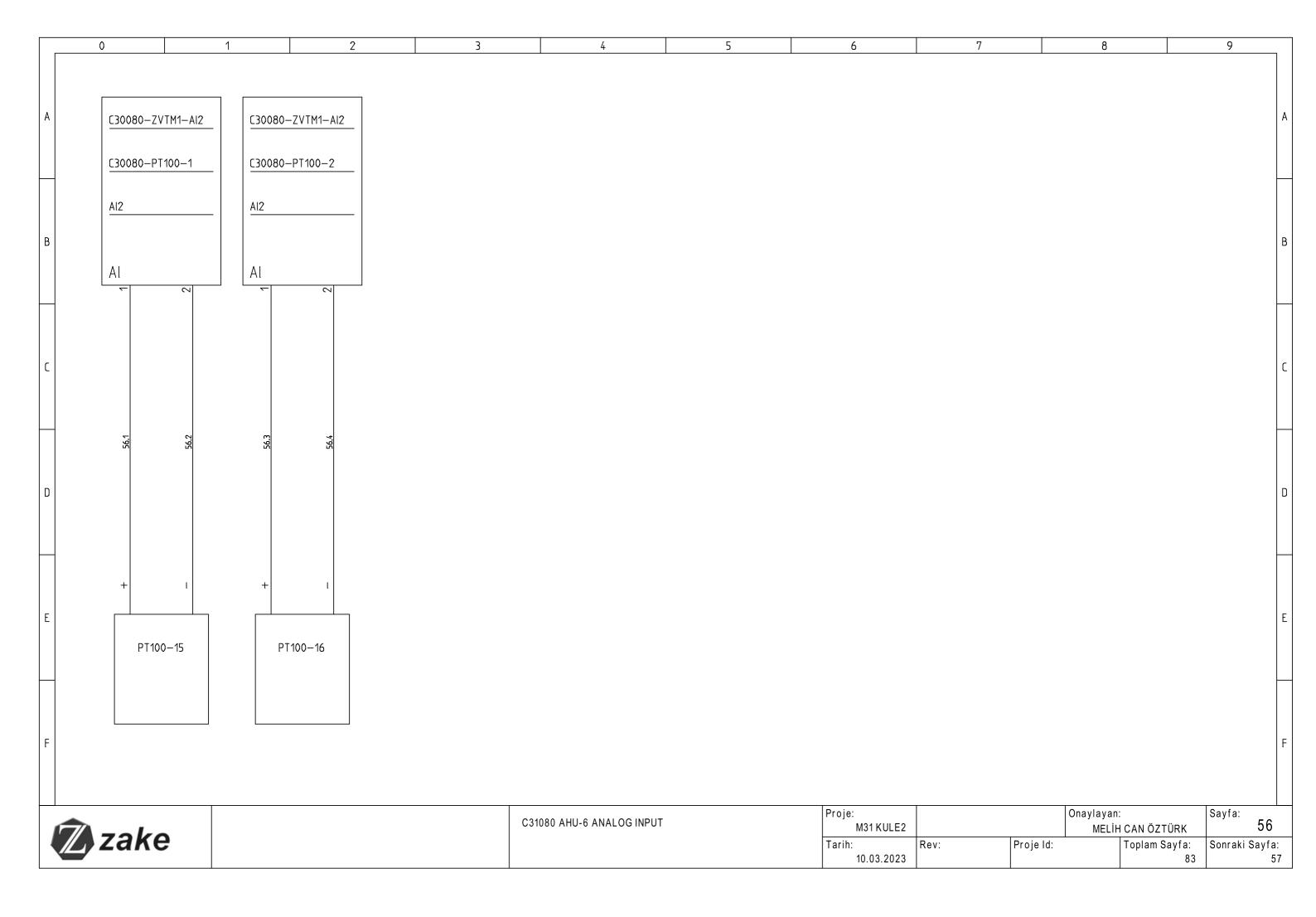
			No.	Term.	Sheet	Line			
			1 ALT	0	46	0	46.2	4 6 . 2	– ZVTM-
F 2 3 : 1 —	46.5	46.5	1 UST	0	46	0	4 6 . 1	46.1	- ZVTM+
B 7 P : + —	48.1	48.1		0			4 6 . 1		
B 7 P : + —	48.2	48.2	1 ALT	0	48	1	46.2	46.2	- ZVTM-

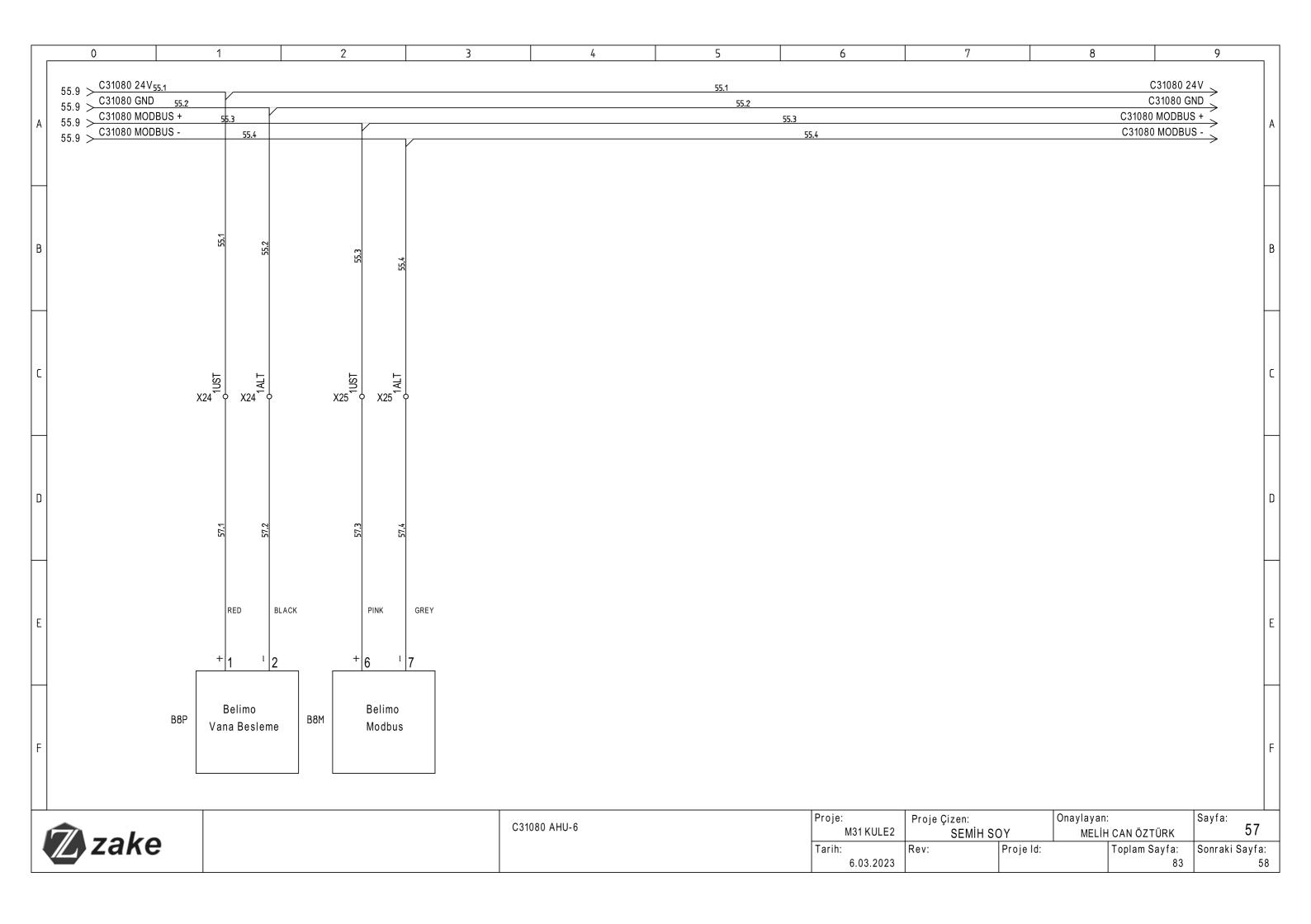
	No.	Term.	Sheet	Line		
	1 ALT	0	46	0	46.4 46.4	ZVTM DATA-
	1 UST	0	46	0	46.3 46.3	ZVTM DATA+
B 7 M : +	1UST	0	48	2	46.3]
B 7 M : - 48.4	1 ALT	0	48	2	4 6 . 4	

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Modification #1		030070		53 of 84	Cre. Date:	8.03.2023	1
Modification #2		004070 TERMINAL LIGTO			Sheet Created by:		
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A list of materials Type (Cat. No.) Lin. Weight Outer Diam. Voltage Price Current Supplier Tag Series Description Product ZVTM I/O MODUL ZVTM-51 ZAKE F24 SIGORTALI KLEMENS WEIMULLER 2562730000-WSI6 вох 280X210X130 TONGUN TNGPANOPLS 28G21G13 KLEMENS 1547610000 WEIDMULLER CIFT KATLI KLEMENS DURDURUCU CIFT KATLI KLEMENS WEIDMULLER 9540000000 Sheet: Document Number: Rev.: Rev. Date: Modifications Since Previous Revision C30010 58 of 84 Cre. Date: 8.03.2023 Modification #1 C31080 A LIST OF MATERIIALS Sheet Created by: Modification #2 Modification #3

X24

			No.	Term.	Sheet	Line			
			1 ALT	0	52	0	52.2	52.2	— ZVTM-
F 2 4 : 1 -	52.5	5 2 . 5	1 UST	0	52	0	52.1	52.1	— ZVTM+
B 8 P : + -		5 4 . 1		0			52.1		
B 8 P : + -	5 4 . 2	5 4 . 2	1 ALT	0	54	1	52.2	52.2	— ZVTM-

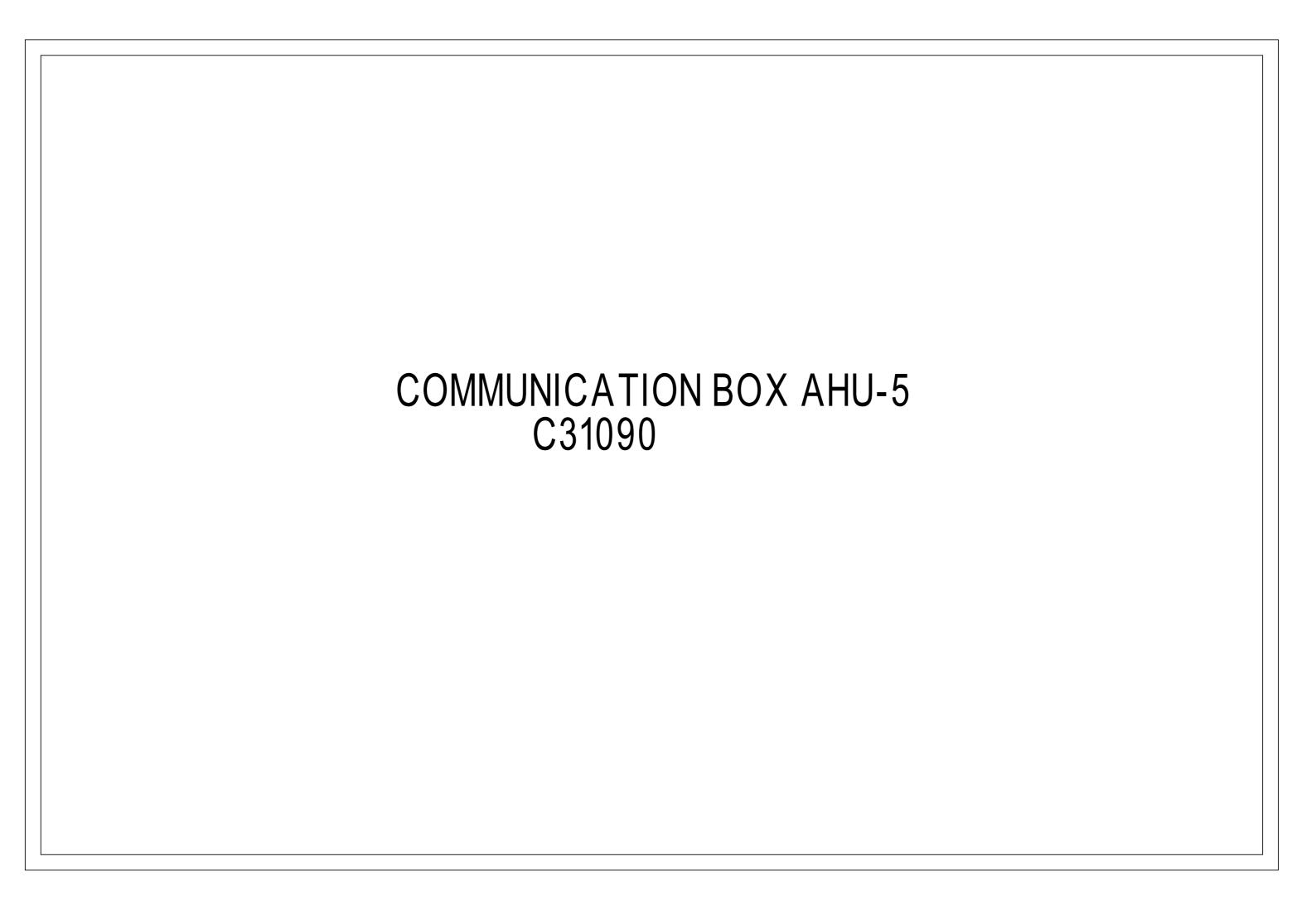
X25

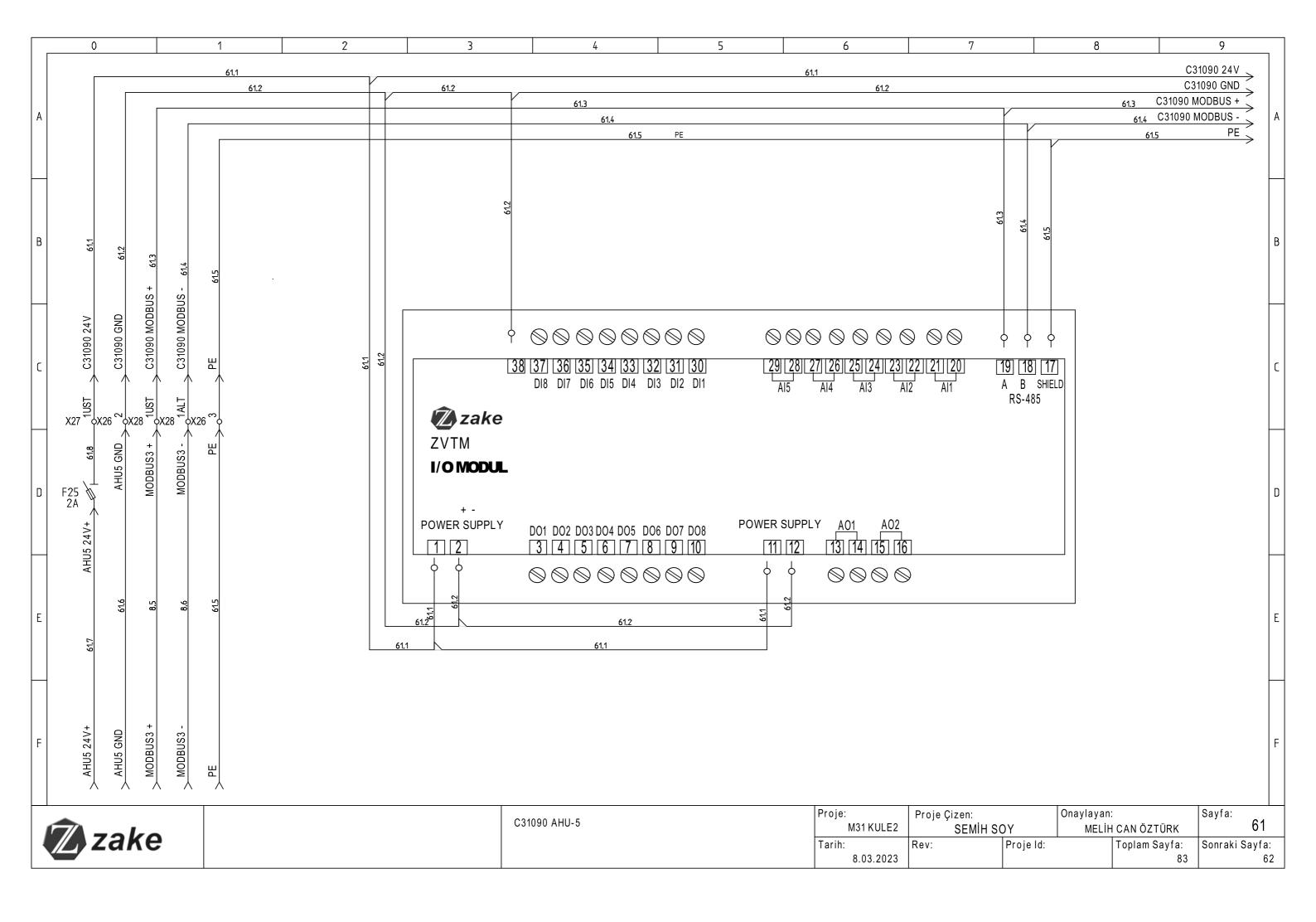
	No.	Term.	Sheet	Line		
	1 ALT	0	52	0	52.4 52.4	ZVTM DATA-
	1 UST	0	52	0	52.3 52.3	ZVTM DATA+
B 8 M : +	1 UST	0	54	2	52.3	
B 8 M : - 54.4 54.4	1 ALT	0	54	3	5 2 . 4	J

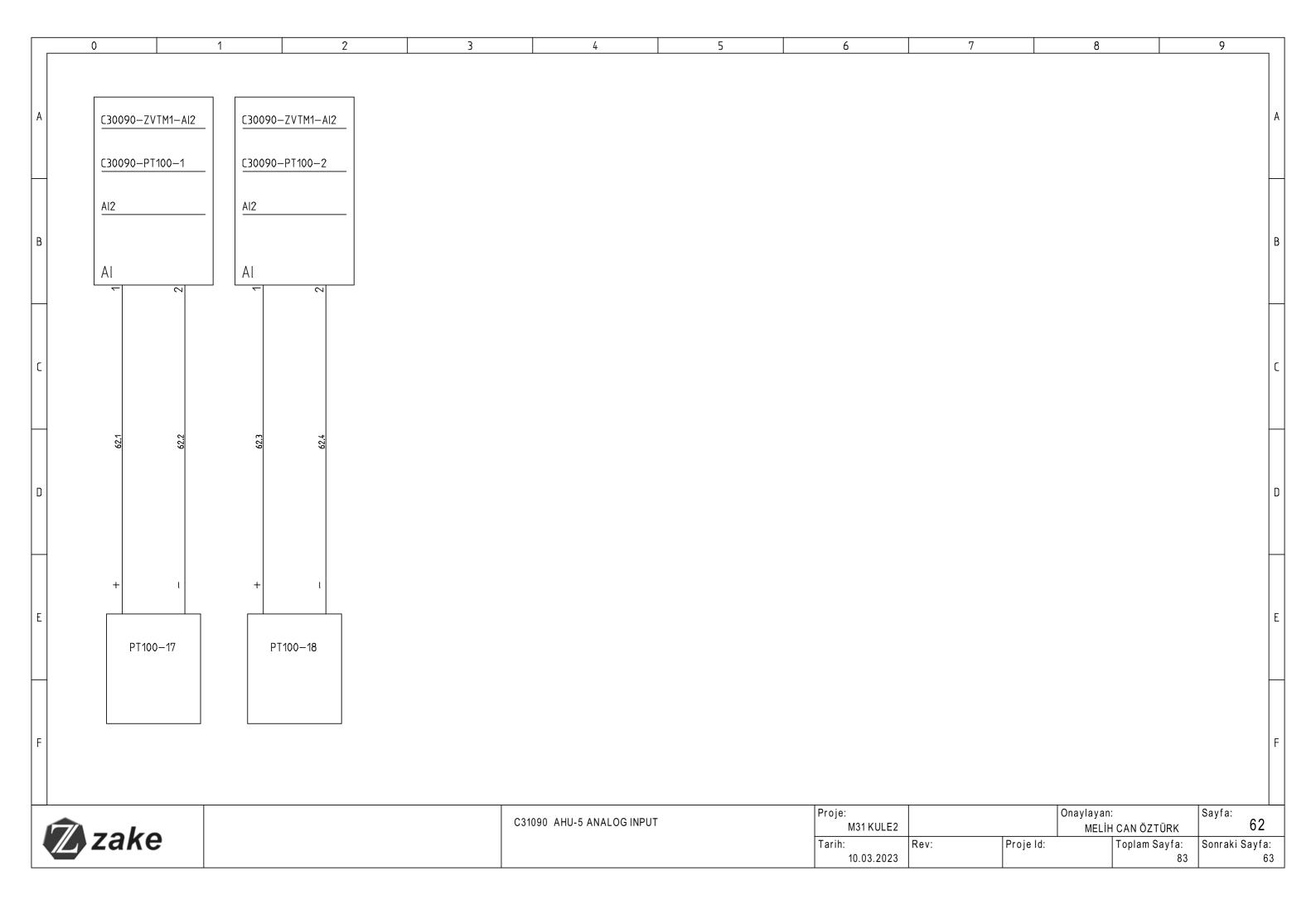
	Modifications Since Previous Revision	
Modification #1		
Modification #2		
Modification #3		

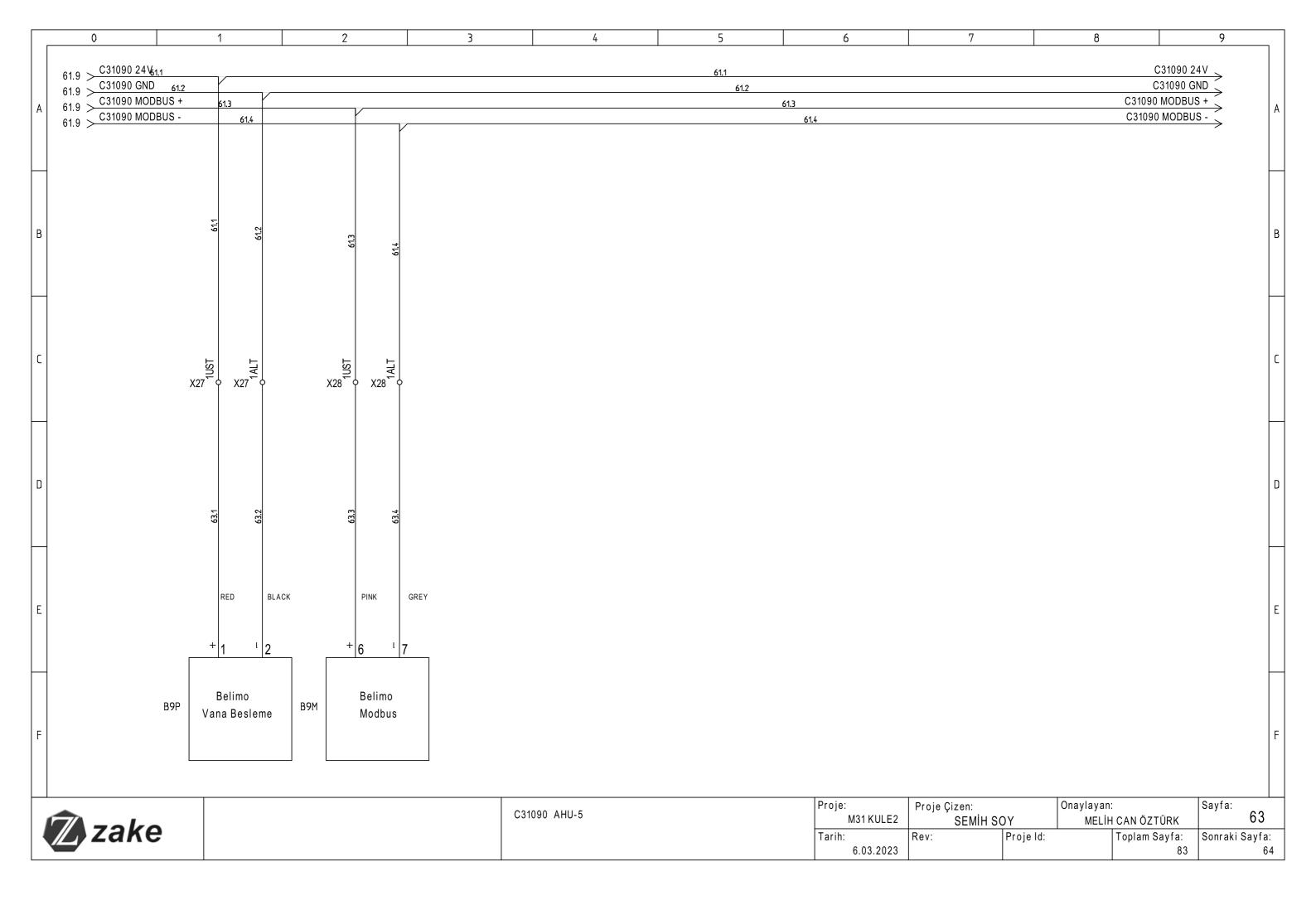
C30080
C31080 TERMINAL LISTS

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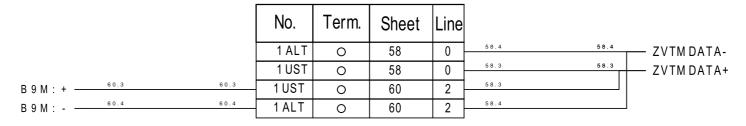




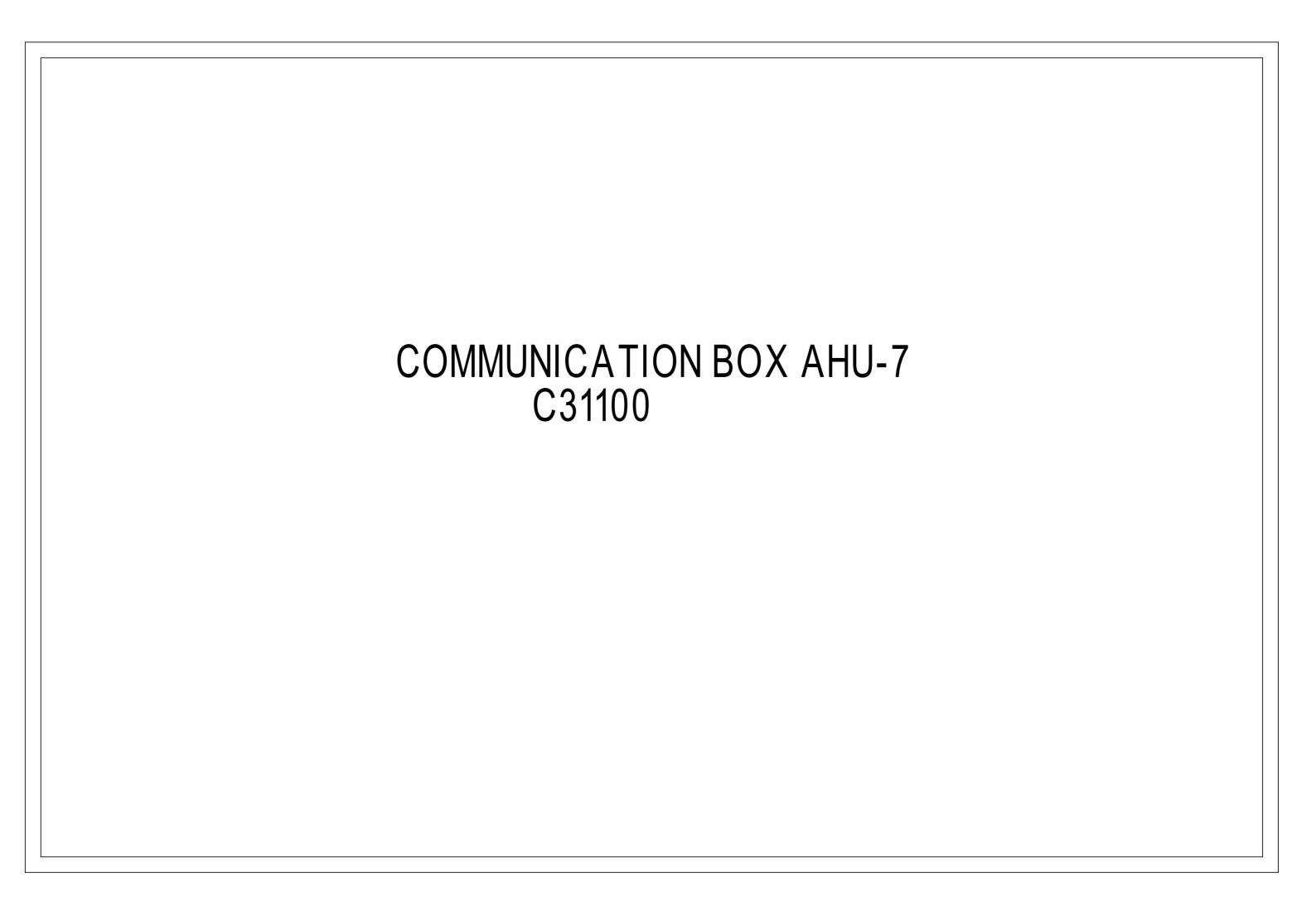
A list of materials Type (Cat. No.) Lin. Weight Outer Diam. Voltage Price Current Supplier Tag Series Description Product ZVTM I/O MODUL ZVTM-51 ZAKE F25 SIGORTALI KLEMENS WEIMULLER 2562730000-WSI6 вох 280X210X130 TONGUN TNGPANOPLS 28G21G13 KLEMENS 1547610000 WEIDMULLER CIFT KATLI KLEMENS DURDURUCU CIFT KATLI KLEMENS WEIDMULLER 9540000000 Sheet: Document Number: Rev.: Rev. Date: Modifications Since Previous Revision C30010 64 of 84Cre. Date: 8.03.2023 Modification #1 C31090 A LIST OF MATERIIALS Sheet Created by: Modification #2 Modification #3 For Technical Support Please Call 1-866-SEE-INFO

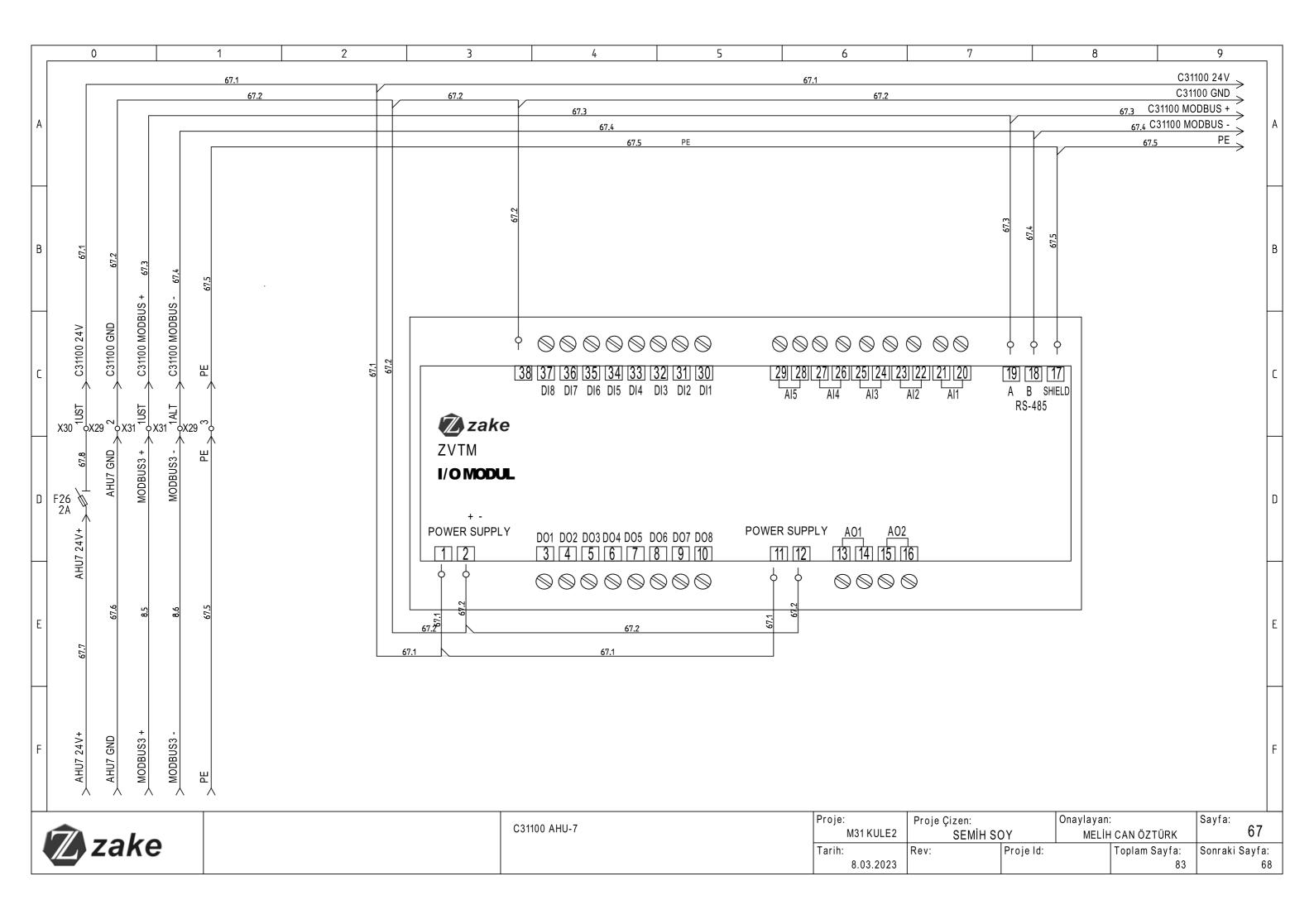
X27

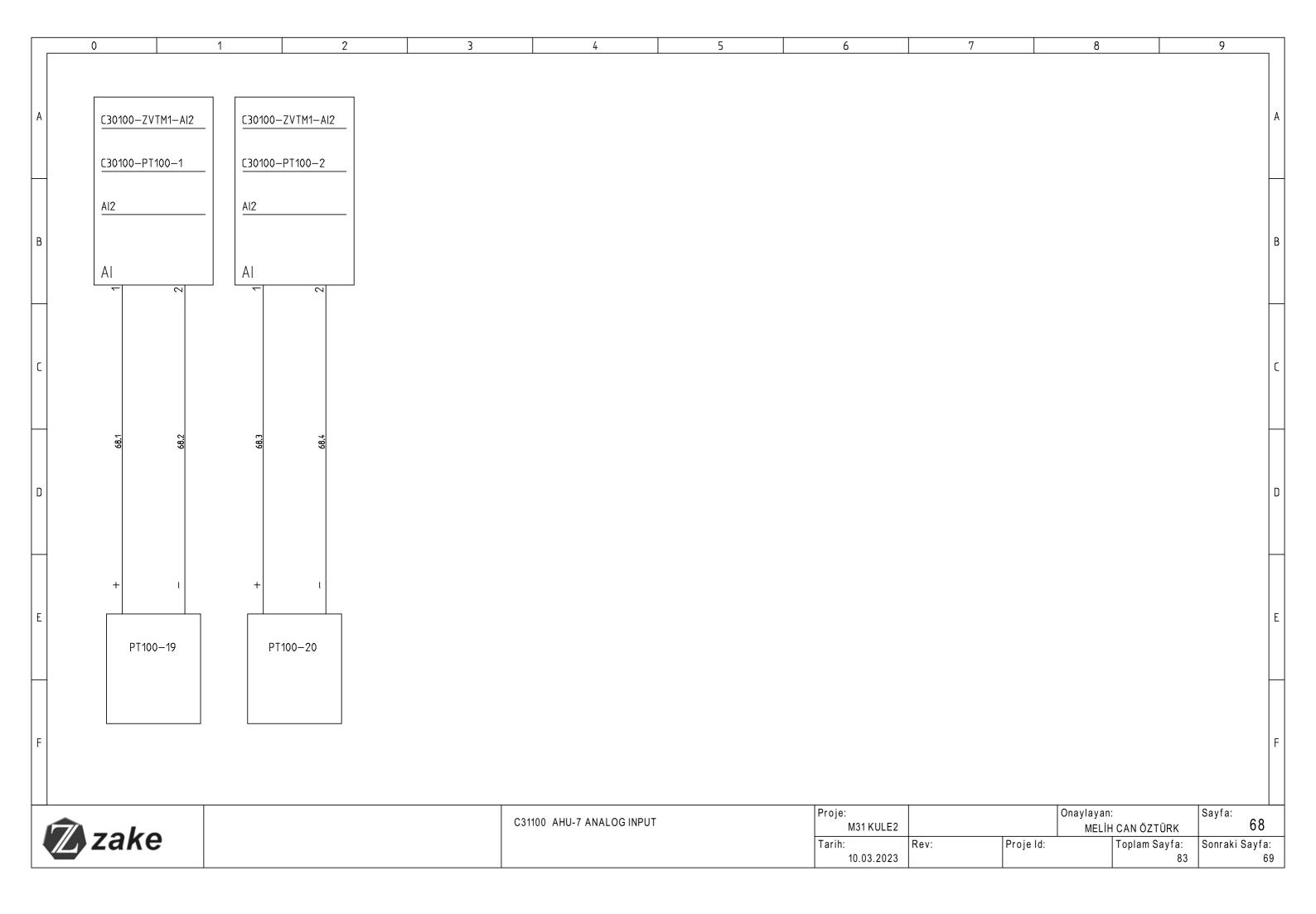
			No.	Term.	Sheet	Line			
			1 ALT	0	58	0	58.2	58.2	— ZVTM-
F 2 5 : 1 —	58.5	58.5	1 UST	0	58	0	58.1	58.1	— ZVTM+
B 9 P : + —	60.1	60.1		0			58.1		
B 9 P : + —	60.2	60.2	1 ALT	0	60	1	58.2	58.2	— ZVTM-

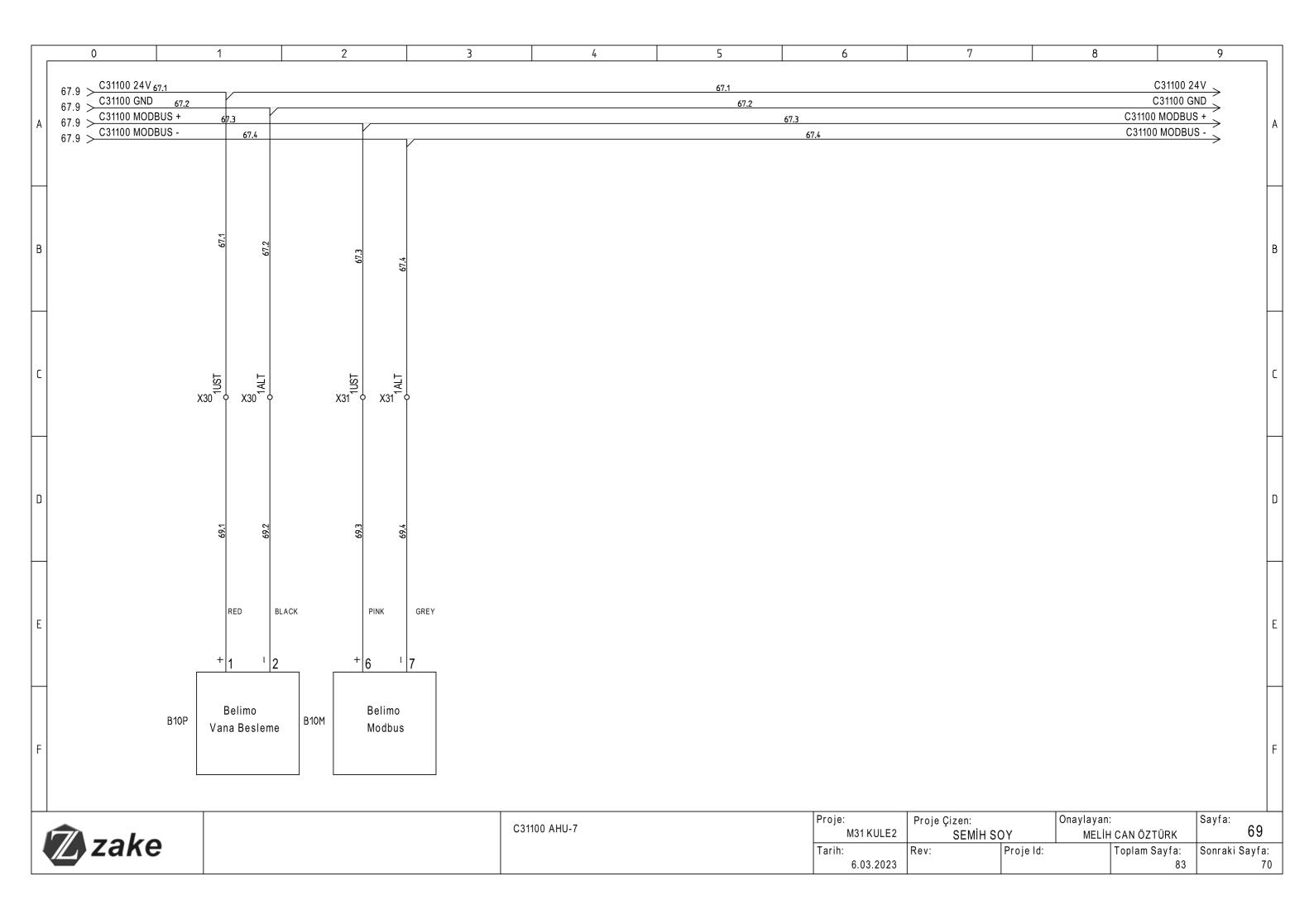


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Modification #1		030030		65 of 84	Cre. Date:	8.03.2023	
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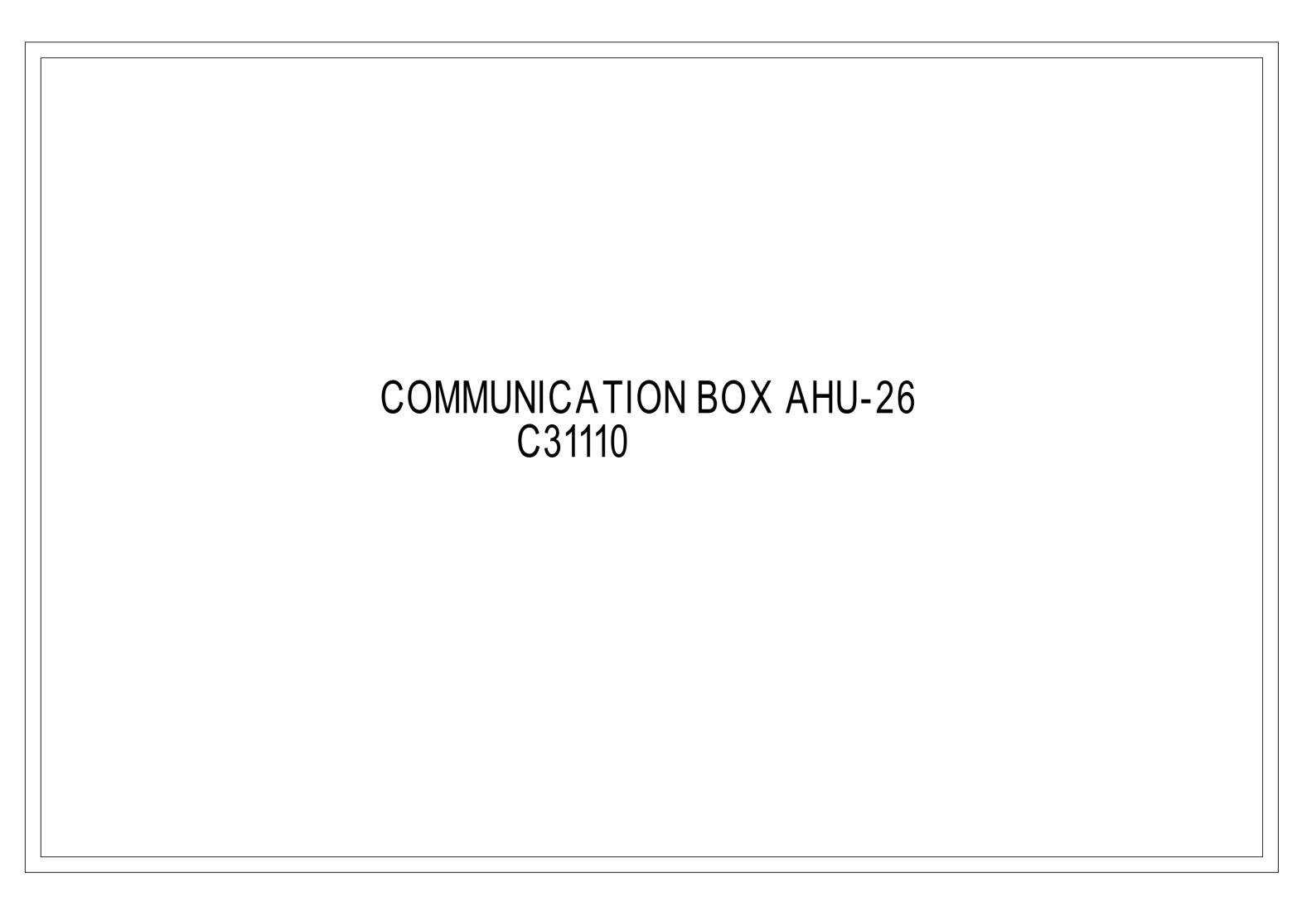
A list of materials Type (Cat. No.) Lin. Weight Outer Diam. Voltage Tag zvtm Price Current Supplier Series Description Product I/O MODUL ZVTM-51 ZAKE F26 WEIMULLER SIGORTALI KLEMENS 2562730000-WSI6 вох 280X210X130 TONGUN TNGPANOPLS 28G21G13 KLEMENS 1547610000 WEIDMULLER CIFT KATLI KLEMENS DURDURUCU CIFT KATLI KLEMENS WEIDMULLER 9540000000 Document Number: Sheet: Rev.: Rev. Date: Modifications Since Previous Revision C30010 70 of 84 Cre. Date: 8.03.2023 Modification #1 C31100 A LIST OF MATERIIALS Sheet Created by: Modification #2 Modification #3 For Technical Support Please Call 1-866-SEE-INFO

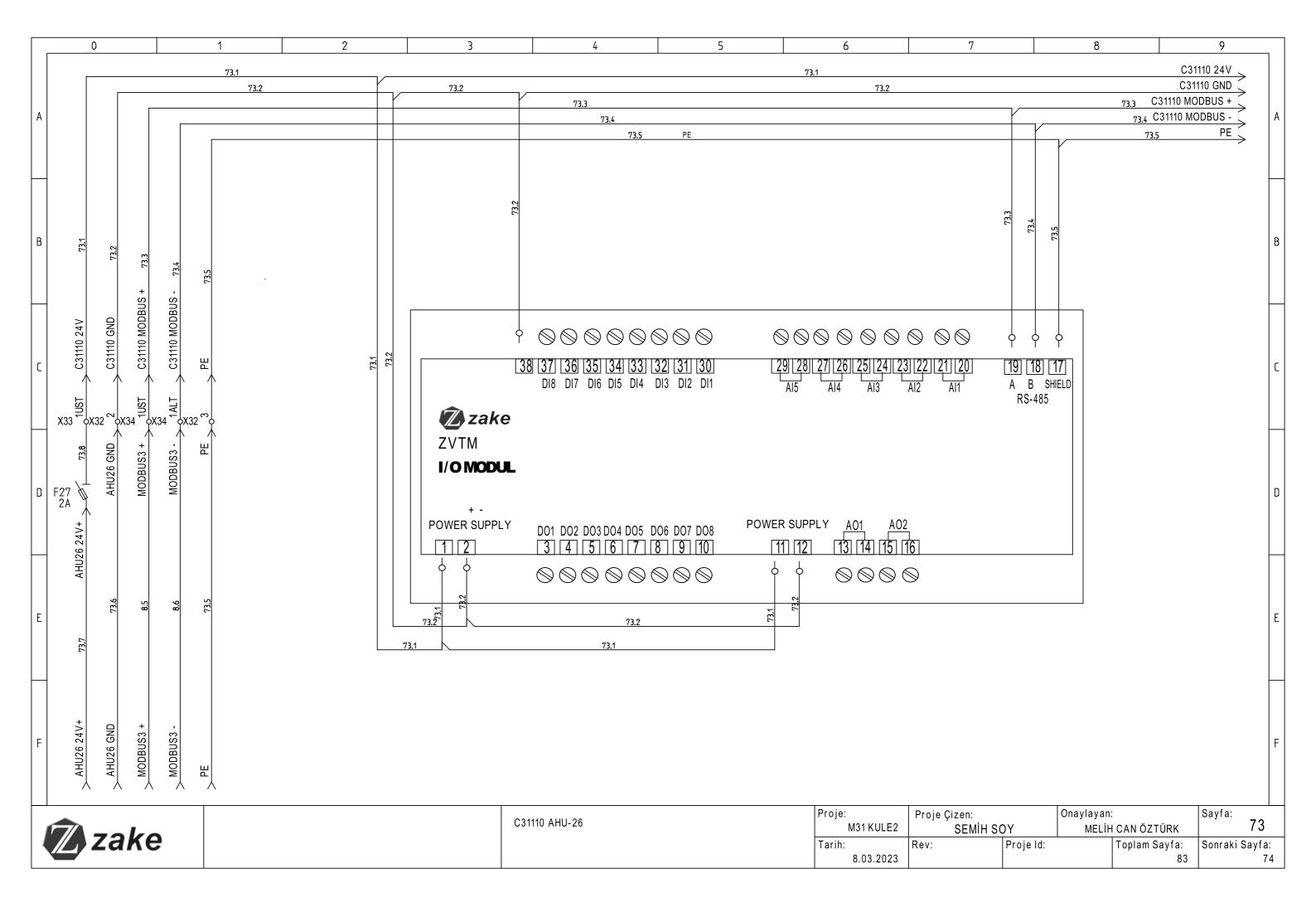
X30

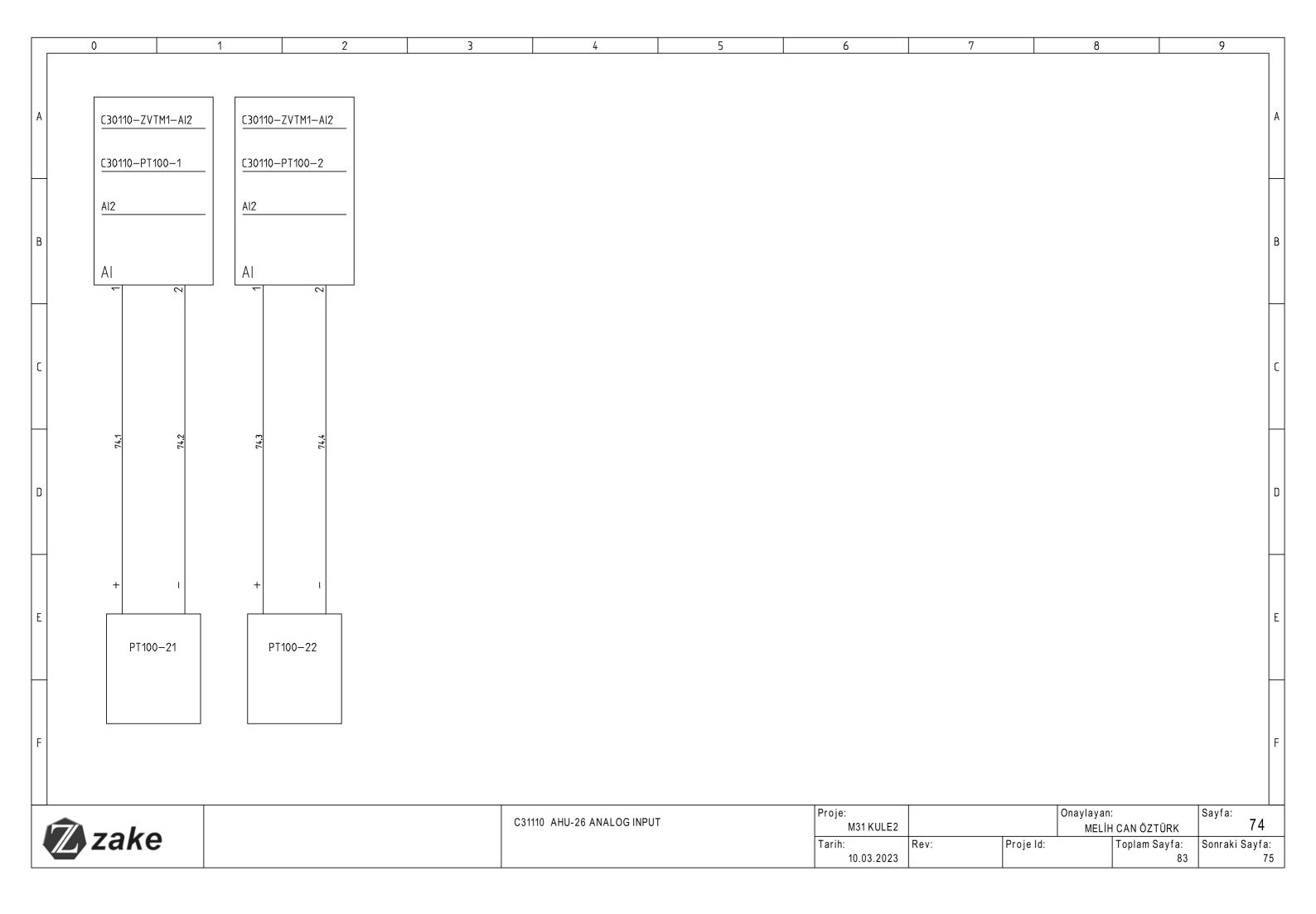
			No.	Term.	Sheet	Line			
			1 ALT	0	64	0	64.2	64.2	— ZVTM-
F 2 6 : 1 -	64.5	64.5	1 UST	0	64	0	64.1	64.1	— ZVTM+
B 1 0 P : + -	66.1	66.1		0			64.1		
B 1 0 P : + -	66.2	66.2	1 ALT	0	66	1	64.2	64.2	— ZVTM-

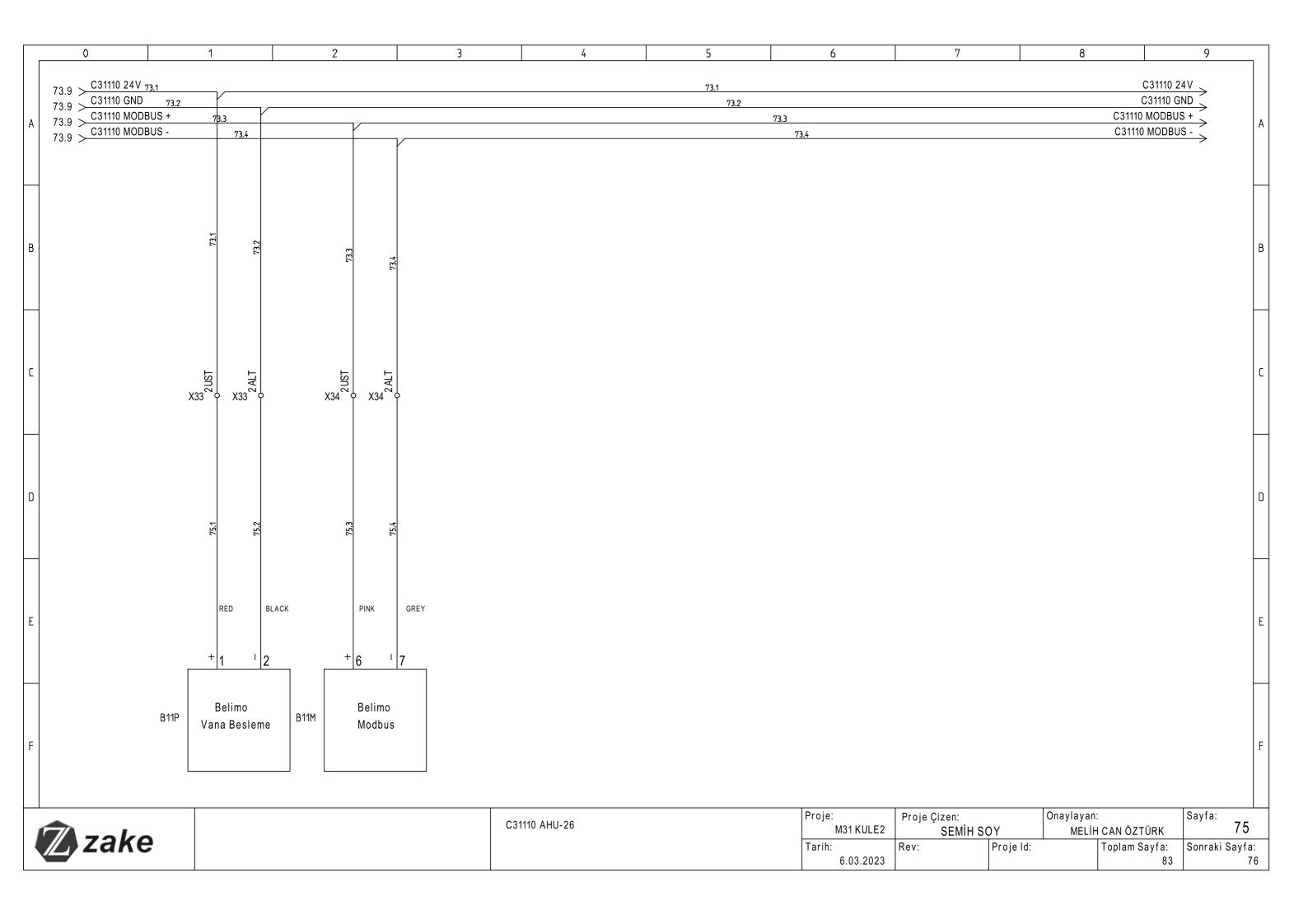
	No.	Term.	Sheet	Line		
	1 ALT	0	64	0	64.4 64.4	ZVTM DATA-
	1 UST	0	64	0	64.3 64.3	ZVTM DATA+
B 1 0 M : +	1 UST	0	66	2	6 4 . 3	
B 1 0 M : - 66.4	1 ALT	0	66	3	6 4 . 4	

	Modifications Since Previous Revision	C30100	Document Number:	I	Rev. Date:		Rev.:
Modification #1		030100		71 of 84	Cre. Date:	8.03.2023	
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A list of materials Type (Cat. No.) Lin. Weight Outer Diam. Voltage Price Current Supplier Tag Series Description Product ZVTM I/O MODUL ZVTM-51 ZAKE F27 WEIMULLER SIGORTALI KLEMENS 2562730000-WSI6 вох 280X210X130 TONGUN TNGPANOPLS 28G21G13 KLEMENS 1547610000 WEIDMULLER CIFT KATLI KLEMENS DURDURUCU CIFT KATLI KLEMENS WEIDMULLER 9540000000 Document Number: Sheet: Rev.: Rev. Date: Modifications Since Previous Revision C30010 76 of 84 Cre. Date: 8.03.2023 Modification #1 C31110 A LIST OF MATERIIALS Sheet Created by: Modification #2 Modification #3

Terminal Strip

X33

			No.	Term.	Sheet	Line			
			1 ALT	0	70	0	70.2		— ZVTM-
F 2 7 : 1 —	70.5	70.5	1 UST	0	70	0	70.1	70.1	— ZVTM+
B 1 1 P : + —	72.1	72.1	2 UST	0	72	1	70.1		
B 1 1 P : + —	72.2	72.2	2 ALT	0	72	1	70.2	70.2	— ZVTM-

X34

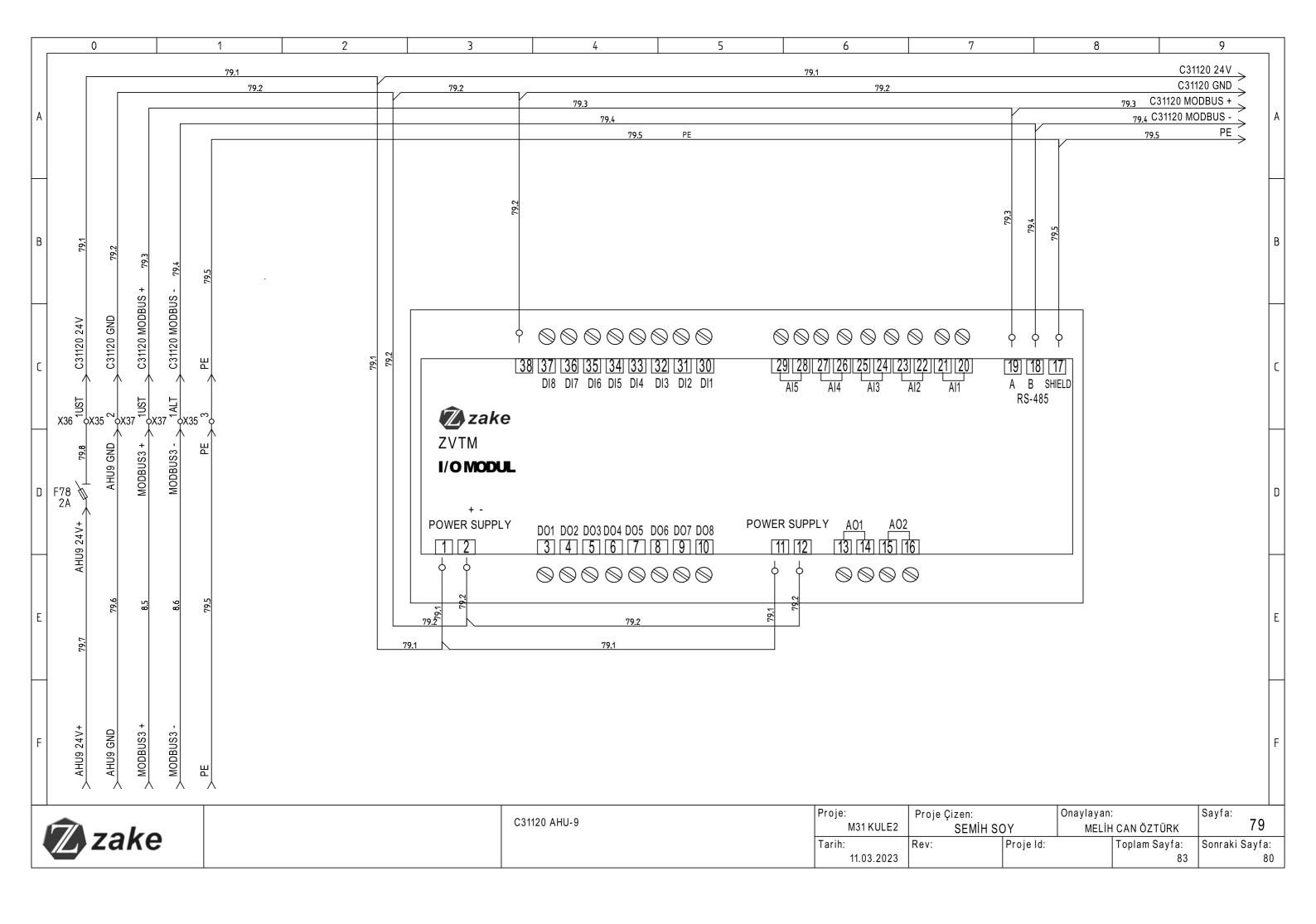
			No.	Term.	Sheet	Line		
			1 ALT	0	70	0	70.4 70.4	ZVTM DATA-
			1 UST	0	70	0	70.3 70.3	│ ─ ZVTM DATA+
B 1 1 M : +	72.3	72.3	2 UST	0	72	2	70.3	
B 1 1 M : -	7 2 . 4	72.4	2 ALT	0	72	2	70.4	

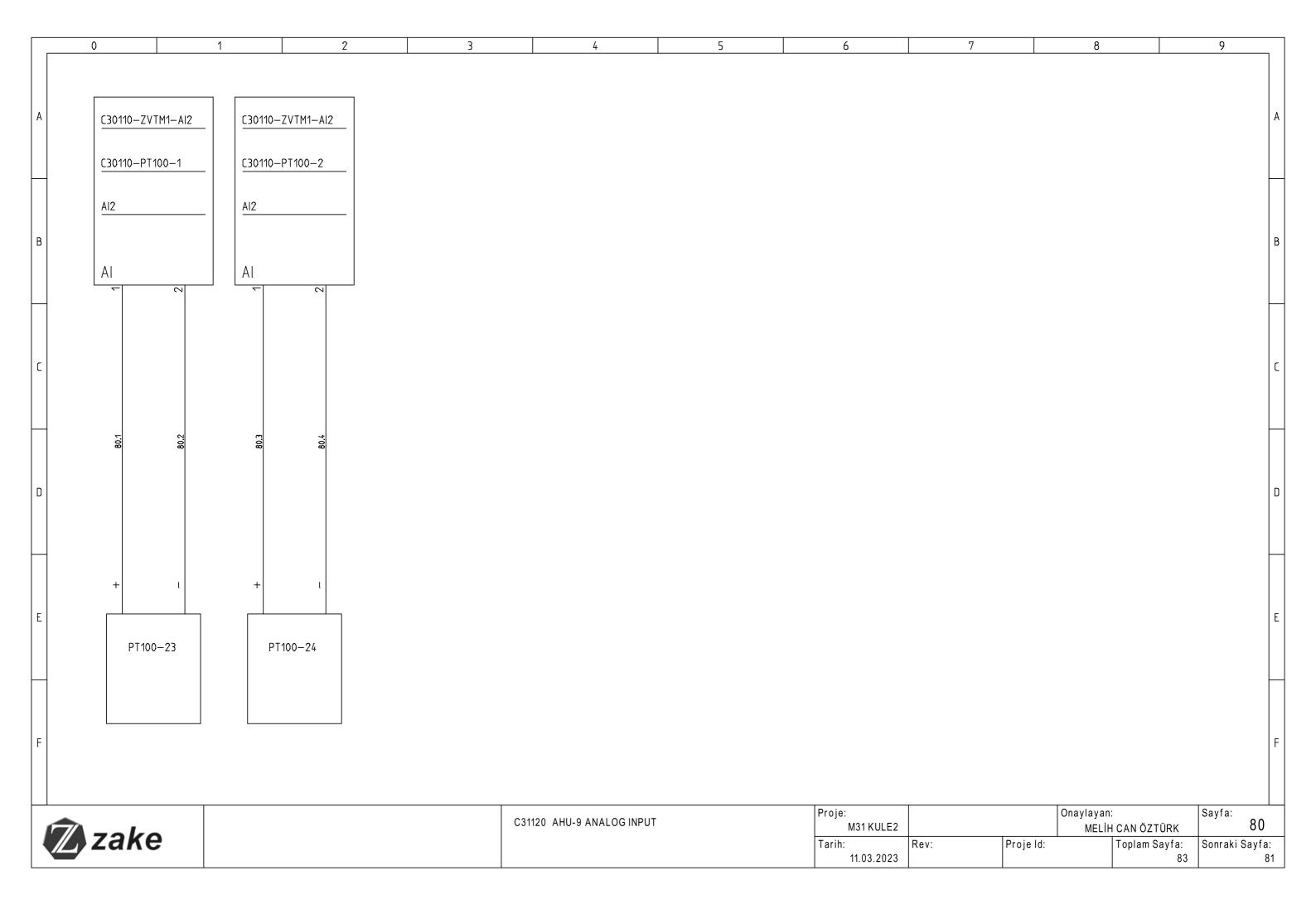
Rev.:

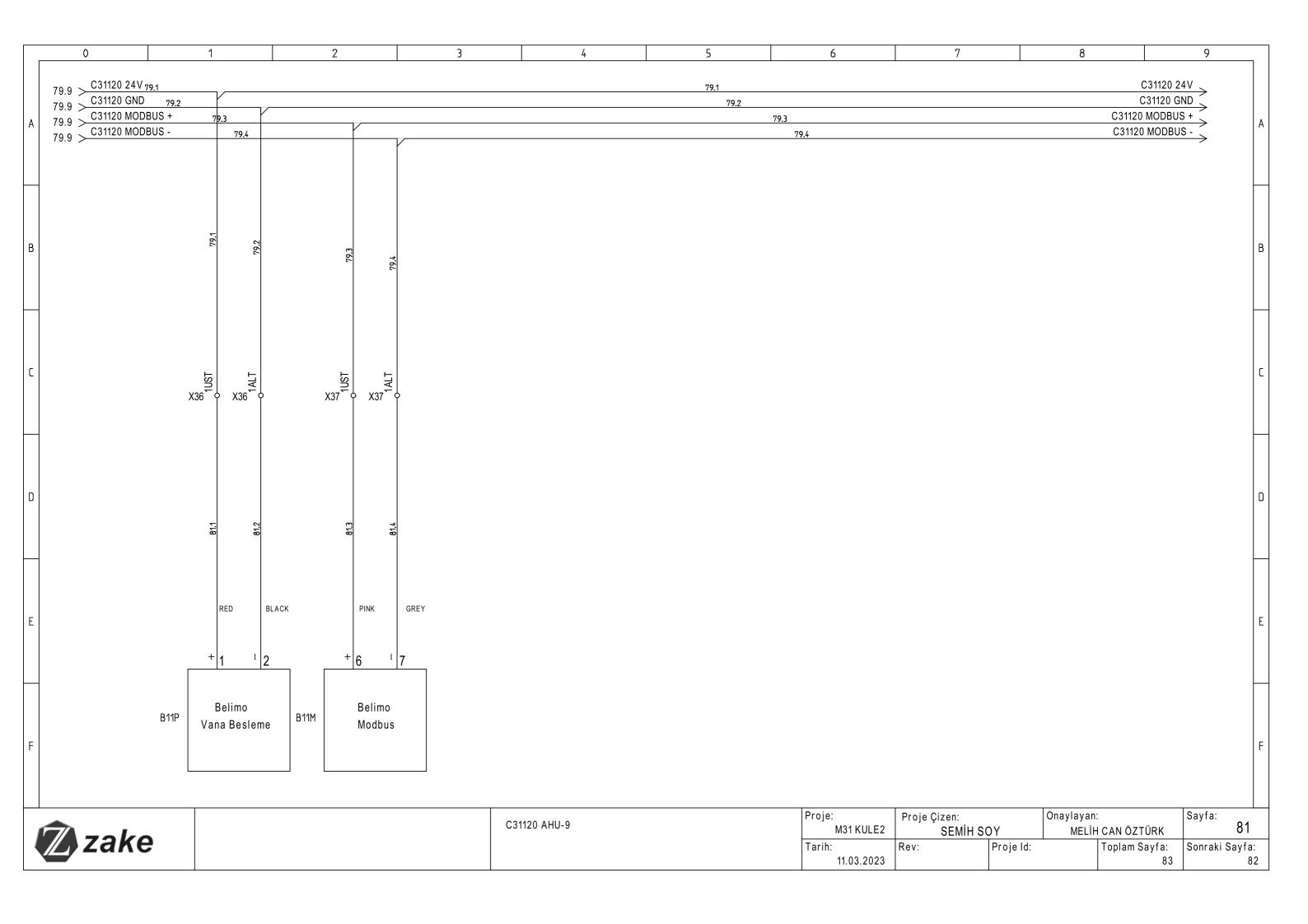
8.03.2023

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Modification #3		C31110 TERMINAL LISTS			









A list of materials Type (Cat. No.) Lin. Weight Outer Diam. Voltage Tag zvtm Price Current Supplier Series Description Product I/O MODUL ZVTM-51 ZAKE F27 SIGORTALI KLEMENS WEIMULLER 2562730000-WSI6 вох 280X210X130 TONGUN TNGPANOPLS 28G21G13 KLEMENS 1547610000 WEIDMULLER CIFT KATLI KLEMENS DURDURUCU CIFT KATLI KLEMENS WEIDMULLER 9540000000 Sheet: Document Number: Rev.: Rev. Date: Modifications Since Previous Revision C30010 82 of 84 Cre. Date: 11.03.2023 Modification #1 C31120 A LIST OF MATERIIALS Sheet Created by: Modification #2 Modification #3 For Technical Support Please Call 1-866-SEE-INFO

Terminal Strip

X36

			No.	Term.	Sheet	Line			
			1 ALT	0	70	0	70.2		— ZVTM-
F 2 7 : 1 —	70.5	70.5	1 UST	0	70	0	70.1	70.1	— ZVTM+
B 1 1 P : + —	72.1	72.1	2 UST	0	72	1	70.1		
B 1 1 P : + —	72.2	72.2	2 ALT	0	72	1	70.2	70.2	— ZVTM-

X37

			No.	Term.	Sheet	Line			
			1 ALT	0	70	0	70.4	70.4	ZVTM DATA-
			1 UST	0	70	0	70.3	70.3	ZVTM DATA+
B 1 1 M : +	72.3	72.3	2 UST	0	72	2	70.3		
B 1 1 M : -	72.4	72.4	2 ALT	0	72	2	70.4		

	Modifications Since Previous Revision	
Modification #1		
Modification #2		
Modification #3		

C30110
C31120 TERMINAL LISTS

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