





OWNER:  شرکت سست و سویی گستره ایران (سهامی خاص)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
	UCP/LCP/JB WIRING DIAGRAM FOR EMERGENCY INSTRUMENT AIR COMPRESSOR								
MC :  شرکت سست و سویی گستره ایران (سهامی خاص)							Project	Area	Phase
Owner Document Number: 17811-05B	BU	20	VD	303	IN	DIG	0093	Rev.:	Page
								03	1 of 107

UCP/LCP/JB WIRING DIAGRAM FOR EMERGENCY INSTRUMENT AIR COMPRESSOR

03	31/05/2022	For approval	MG	RB	KP	
02	08/12/2021	For approval	HT	RB	KP	
01	19/10/2021	For approval	HT	RB	KP	
00	02/07/2021	For approval	HT	RB	KP	
Rev.	Date	Purpose of Issue	Prepared	Checked	Approved	AC Code
					Class: 1	Phase: P



Airpack B.V.

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Client	:	Bushehr Petrochemical Company (BUPC)	
Equipment location	:	Iran, Onshore	
Client reference	:	Bushehr MEG Plant Project	
Client dwg. no.	:	BU-20-VD-303-IN-DIG-0093	
Airpack reference	:	17811-05B	
Airpack dwg. no.	:	17811-05B	
Generation date	:	30-6-2021	
E & I manager	:	RBE	Revision no. : 03
Last modifications	:	30-5-2022	
Last modifications by	:	MaGo	



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT Title page / cover sheet	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	1

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CURRENT PAGE

NOTES ON ELECTRICAL DRAWINGS

MARK OF PLC IS SIEMENS S7-400 FH

ESD SIGNALS WILL BE CONNECTED HARDWIRED (4-WIRE CABLE)

ELECTRICAL SCHEME IS DRAWN IN NON ENERGIZED STATE

ACCEPT, RESET, CAN BE CONTROLLED ON THE UCP
ALARMS-, TRIPS- AND RUNNING STATUS WILL BE VISIBLE WITH LAMPS ON UCP
PROCESS VALUES AND ALARMS WILL BE VISIBLE ON UCP HMI

UCP IS LOCATED IN CONTROL ROOM
MATERIAL: PAINTED SHEET STEEL (RAL 7035)
INGRESS. PROTECTION: IP-42
AREA CLASSIFICATION: SAFE AREA

JB ANALOG IS WALL MOUNTED ON SKID
MATERIAL: SS316 (RAL 5015) BLUE
INGRESS. PROTECTION: IP-65
AREA CLASSIFICATION: Eex'i'

JB DIGITAL IS WALL MOUNTED ON SKID
MATERIAL: SS316 (RAL 9006) Gray
INGRESS. PROTECTION: IP-65
AREA CLASSIFICATION: Eex'e'

LCP IS WALL MOUNTED ON SKID
MATERIAL: SS316 (RAL 6021) GREEN
INGRESS. PROTECTION: IP-65
AREA CLASSIFICATION: Eex'e'

DISTRIBUTION PANEL IS WALL MOUNTED ON SKID
MATERIAL: ALUMINIUM (RAL 9006) GRAY
INGRESS. PROTECTION: IP-65
AREA CLASSIFICATION: Eex'd'

GLANDS: NICKEL PLATED BRASS GLANDS WITH PVC SHROUDS, ISO METRIC THREADS , IP-66, DOUBLE COMPRESSION, Ex-d/Ex-d dual certified including Locknut, Earth tag & Sealing washer
CABLE TRAYS: GALVANIZED STEEL WITHOUT COVER

AMBIENT TEMPERATURE: 5 / 55 °C

ALL "PE" CONNECTIONS WILL BE CONNECTED ON A "PE"-BAR
ALL "ISE" CONNECTIONS WILL BE CONNECTED ON A "ISE"-BAR

- Terminal blocks shall be spring loaded Klippon type and vibration proof for JB
- Screens shall be insulated from earth at instrument side. They shall be continuous through to the control room marshaling cabinet where they will be connected to the clean system.

COLOUR CODES INTERNAL WIRING

400 VAC, 50HZ, L1	BLACK
400 VAC, 50HZ, L3	BROWN
400 VAC, 50HZ, L3	GREY
110 VAC / 230 VAC, 50HZ, L	BROWN
110 VAC / 230 VAC, 50HZ, N	BLUE
24VDC +	RED
0 VDC	BLACK
CURRENT LOOPS	PURPLE
VOLT FREE CONTACTS	ORANGE
PROTECTION EARTH	GREEN / YELLOW
INSTRUMENT SAFETY EARTH	GREEN
INTRINSICALLY SAFE	BLUE

REFERENCE DOCUMENTS:

P&ID FOR EMERGENCY INSTRUMENT AIR COMPRESSOR

I/O LIST FOR EMERGENCY INSTRUMENT AIR COMPRESSOR

UCP/LCP/JB GENERAL ARRANGEMENT DRAWING & TERMINAL DETAILS FOR EMERGENCY INSTRUMENT AIR COMPRESSOR INCL. BOM

SINGLE LINE DIAGRAM FOR POWER DISTRIBUTION PANEL FOR EMERGENCY INSTRUMENT AIR COMPRESSOR

AIRPACK DOC. NO.

17811-03B

17811-06B

17811-07B

17811-49B

CUSTOMER DOC. NO.

BU-20-VD-303-PR-DWG-0066

BU-20-VD-303-IN-LST-0084

BU-20-VD-303-IN-DWG-0089

BU-20-VD-303-EL-DIG-0097



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SUBJECT		DRAWN BY	MaGo	=
Project description		CHECKED BY	RBE	+
ADAPTED TO P&ID REVISION	04	LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
CLIENT	Bushehr Petrochemical Company (BUPC)	AIRPACK DWG NO.	17811-05B	
CLIENT REF.	Bushehr MEG Plant Project	REVISION	03	
AIRPACK REF.	17811-05B	TOTAL PAGE AMOUNT	2	

Table of contents

Page	Page description	Supplementary page field	Date	Edited by
/1	Title page / cover sheet	1	25-5-2022	MaGo
/2	Project description	2	25-5-2022	MaGo
/3	Table of contents : /1 - =20-C-7080+UCP-C7080-01/22	3	30-5-2022	mgoeman
/4	Table of contents : =20-C-7080+UCP-C7080-01/23 - =20-C-7080+UCP-C7080-01/55	4	30-5-2022	mgoeman
/5	Table of contents : =20-C-7080+UCP-C7080-01/56 - =20-C-7080+PD-C-7080-01/5	5	30-5-2022	mgoeman
/6	Table of contents : =20-C-7080+PD-C-7080-01/6 - =20-C-7080+PD-C-7080-01/11		30-5-2022	mgoeman
/7	Device tag list : =+UCP-C7080-01-2TH11 - =20-C-7080+UCP-C7080-01-25H10	6	30-5-2022	mgoeman
/8	Device tag list : =20-C-7080+UCP-C7080-01-27K8 - =20-C-7080+UCP-C7080-01-6M16	7	30-5-2022	mgoeman
/9	Device tag list : =20-C-7080+UCP-C7080-01-6M18 - =20-C-7080+UCP-C7080-01-9U6.1	8	30-5-2022	mgoeman
/10	Device tag list : =20-C-7080+UCP-C7080-01-9U12 - =20-C-7080+PD-C-7080-01-3F3	9	30-5-2022	mgoeman
/11	Device tag list : =20-C-7080+PD-C-7080-01-4F4 - =20-C-7080+PD-C-7080-01-2V17	10	30-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/1	TERMINAL STRIP DEFINITION	11	30-5-2022	MaGo
=20-C-7080+UCP-C7080-01/2	POWER SUPPLY	12	25-5-2022	MaGo
=20-C-7080+UCP-C7080-01/3	EMERGENCY SHUTDOWN	13	25-5-2022	MaGo
=20-C-7080+UCP-C7080-01/4	SOLENOIDS	14	25-5-2022	MaGo
=20-C-7080+UCP-C7080-01/5	PLC LAYOUT	15	25-5-2022	MaGo
=20-C-7080+UCP-C7080-01/6	IO RACK I	16	25-5-2022	MaGo
=20-C-7080+UCP-C7080-01/7	IO RACK II	17	25-5-2022	MaGo
=20-C-7080+UCP-C7080-01/8	DISPLAY	18	30-5-2022	MaGo
=20-C-7080+UCP-C7080-01/9	LOOP SPLITTERS	19	25-5-2022	MaGo
=20-C-7080+UCP-C7080-01/10	DIGITAL INPUTS I [6M7]	20	25-5-2022	MaGo
=20-C-7080+UCP-C7080-01/11	DIGITAL INPUTS I [6M7]	21	25-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/12	DIGITAL INPUTS I [6M7]	22	25-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/13	DIGITAL INPUTS I [6M7]	23	25-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/14	DIGITAL INPUTS I [6M9]	24	30-5-2022	MaGo
=20-C-7080+UCP-C7080-01/15	DIGITAL INPUTS I [6M9]	25	25-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/16	DIGITAL INPUTS I [6M9]	26	25-5-2022	MaGo
=20-C-7080+UCP-C7080-01/17	DIGITAL INPUTS I [6M9]	27	25-5-2022	MaGo
=20-C-7080+UCP-C7080-01/18	ANALOG INPUTS I [6M10]	28	30-5-2022	MaGo
=20-C-7080+UCP-C7080-01/19	ANALOG INPUTS I [6M10]	29	30-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/20	ANALOG INPUTS I [6M12]	30	30-5-2022	MaGo
=20-C-7080+UCP-C7080-01/21	ANALOG INPUTS I [6M12]	31	25-5-2022	MaGo
=20-C-7080+UCP-C7080-01/22	ANALOG INPUTS I [6M14]	32	25-5-2022	MaGo



CLIENT DWG NO. BU-20-VD-303-IN-DIG-0093
 EQUIPMENT NO. 20-C-7080
 EQUIPMENT LOCATION Iran, Onshore
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SUBJECT Table of contents : /1 - =20-C-7080+UCP-C7080-01/22
 ADAPTED TO P&ID REVISION 04
 CLIENT Bushehr Petrochemical Company (BUPC)
 CLIENT REF. Bushehr MEG Plant Project
 AIRPACK REF. 17811-05B

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=
 +
 CURRENT PAGE
 3

Table of contents

Page	Page description	Supplementary page field	Date	Edited by
=20-C-7080+UCP-C7080-01/23	ANALOG INPUTS I [6M14]	33	25-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/24	DIGITAL OUTPUTS I [6M15]	34	30-5-2022	MaGo
=20-C-7080+UCP-C7080-01/25	DIGITAL OUTPUTS I [6M15]	35	30-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/26	DIGITAL OUTPUTS I [6M16]	36	25-5-2022	MaGo
=20-C-7080+UCP-C7080-01/27	DIGITAL OUTPUTS I [6M16]	37	30-5-2022	MaGo
=20-C-7080+UCP-C7080-01/28	DIGITAL OUTPUTS I [6M18]	38	30-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/29	DIGITAL OUTPUTS I [6M18]	39	25-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/30	DIGITAL OUTPUTS I [6M19]	40	30-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/31	DIGITAL OUTPUTS I [6M19]	41	25-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/32	EMPTY PAGE	42	25-5-2022	MaGo
=20-C-7080+UCP-C7080-01/33	DIGITAL INPUTS II [7M7]	43	25-5-2022	MaGo
=20-C-7080+UCP-C7080-01/34	DIGITAL INPUTS II [7M7]	44	30-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/35	DIGITAL INPUTS II [7M7]	45	30-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/36	DIGITAL INPUTS II [7M7]	46	30-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/37	DIGITAL INPUTS II [7M9]	47	25-5-2022	MaGo
=20-C-7080+UCP-C7080-01/38	DIGITAL INPUTS II [7M9]	48	25-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/39	DIGITAL INPUTS II [7M9]	49	25-5-2022	MaGo
=20-C-7080+UCP-C7080-01/40	DIGITAL INPUTS II [7M9]	50	25-5-2022	MaGo
=20-C-7080+UCP-C7080-01/41	ANALOG INPUTS II [7M10]	51	25-5-2022	MaGo
=20-C-7080+UCP-C7080-01/42	ANALOG INPUTS II [7M10]	52	25-5-2022	MaGo
=20-C-7080+UCP-C7080-01/43	ANALOG INPUTS II [7M12]	53	25-5-2022	MaGo
=20-C-7080+UCP-C7080-01/44	ANALOG INPUTS II [7M12]	54	25-5-2022	MaGo
=20-C-7080+UCP-C7080-01/45	ANALOG INPUTS II [7M14]	55	25-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/46	ANALOG INPUTS II [7M14]	56	25-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/47	DIGITAL OUTPUTS II [7M15]	57	30-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/48	DIGITAL OUTPUTS II [7M15]	58	30-5-2022	MaGo
=20-C-7080+UCP-C7080-01/49	DIGITAL OUTPUTS II [7M16]	59	25-5-2022	MaGo
=20-C-7080+UCP-C7080-01/50	DIGITAL OUTPUTS II [7M16]	60	30-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/51	DIGITAL OUTPUTS II [7M18]	61	25-5-2022	MaGo
=20-C-7080+UCP-C7080-01/52	DIGITAL OUTPUTS II [7M18]	62	25-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/53	DIGITAL OUTPUTS II [7M19]	63	30-5-2022	MaGo
=20-C-7080+UCP-C7080-01/54	DIGITAL OUTPUTS II [7M19]	64	25-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/55	SIGNALS TO DISTRIBUTION BOARD	65	25-5-2022	MaGo



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SUBJECT Table of contents : =20-C-7080+UCP-C7080-01/23 - =20-C-7080+UCP-C7080-01/55	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

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TOTAL PAGE AMOUNT	4

=	
+	
CURRENT PAGE	

Table of contents

Page	Page description	Supplementary page field	Date	Edited by
=20-C-7080+UCP-C7080-01/56	SIGNALS FROM DISTRIBUTION BOARD	66	30-5-2022	MaGo
=20-C-7080+UCP-C7080-01/57	SIGNALS TO / FROM ESD AND FROM FCS	67	30-5-2022	MaGo
=20-C-7080+UCP-C7080-01/58	PID CONTROL FLOW VALVE	68	30-5-2022	MaGo
=20-C-7080+UCP-C7080-01/59	Terminal diagram =20-C-7080+UCP-C7080-01-X0	69	30-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/60	Terminal diagram =20-C-7080+UCP-C7080-01-X1	70	30-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/61	Terminal diagram =20-C-7080+UCP-C7080-01-X2	71	30-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/62	Terminal diagram =20-C-7080+UCP-C7080-01-X4	72	30-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/63	Terminal diagram =20-C-7080+UCP-C7080-01-X5	73	30-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/64	Terminal diagram =20-C-7080+UCP-C7080-01-X5	74	30-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/65	Terminal diagram =20-C-7080+UCP-C7080-01-X8	75	30-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/66	Terminal diagram =20-C-7080+UCP-C7080-01-X9	76	30-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/67	Terminal diagram =20-C-7080+UCP-C7080-01-X10	77	30-5-2022	mgoeman
=20-C-7080+UCP-C7080-01/68	Terminal diagram =20-C-7080+UCP-C7080-01-X11	78	30-5-2022	mgoeman
=20-C-7080+JNDX-C7080-01/1	TERMINAL STRIP DEFINITION	79	25-5-2022	MaGo
=20-C-7080+JNDX-C7080-01/2	CONNECTION SOLENOIDS	80	25-5-2022	MaGo
=20-C-7080+JNDX-C7080-01/3	Terminal diagram =20-C-7080+JNDX-C7080-01-X1	81	30-5-2022	mgoeman
=20-C-7080+JIAX-C7080-01/1	TERMINAL STRIP DEFINITION	82	30-5-2022	MaGo
=20-C-7080+JIAX-C7080-01/2	CONNECTION TRANSMITTERS	83	25-5-2022	MaGo
=20-C-7080+JIAX-C7080-01/3	CONNECTION TRANSMITTERS	84	30-5-2022	MaGo
=20-C-7080+JIAX-C7080-01/4	CONNECTION CONTROL VALVE	85	30-5-2022	MaGo
=20-C-7080+JIAX-C7080-01/5	Terminal diagram =20-C-7080+JIAX-C7080-01-X2	86	30-5-2022	mgoeman
=20-C-7080+JIAX-C7080-01/6	Terminal diagram =20-C-7080+JIAX-C7080-01-X2	87	30-5-2022	mgoeman
=20-C-7080+LP-C7080-01/1	TERMINAL STRIP DEFINITION	88	25-5-2022	MaGo
=20-C-7080+LP-C7080-01/2	CONNECTION PUSHBUTTONS	89	25-5-2022	MaGo
=20-C-7080+LP-C7080-01/3	CONNECTION LAMPS	90	25-5-2022	MaGo
=20-C-7080+LP-C7080-01/4	CONNECTION ESD BUTTON	91	25-5-2022	MaGo
=20-C-7080+LP-C7080-01/5	Terminal diagram =20-C-7080+LP-C7080-01-X5	92	30-5-2022	mgoeman
=20-C-7080+LP-C7080-01/6	Terminal diagram =20-C-7080+LP-C7080-01-X9	93	30-5-2022	mgoeman
=20-C-7080+PD-C-7080-01/1	TERMINAL STRIP DEFINITION	94	25-5-2022	MaGo
=20-C-7080+PD-C-7080-01/2	POWER SUPPLY	95	30-5-2022	MaGo
=20-C-7080+PD-C-7080-01/3	MAIN MOTOR	96	25-5-2022	MaGo
=20-C-7080+PD-C-7080-01/4	OIL HEATER	97	25-5-2022	MaGo
=20-C-7080+PD-C-7080-01/5	SIGNALS FROM UCP	98	30-5-2022	MaGo



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT		Table of contents : =20-C-7080+UCP-C7080-01/56 - =20-C-7080+PD-C-7080-01/5	
ADAPTED TO P&ID REVISION	04	CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project	AIRPACK REF.	17811-05B

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AIRPACK DWG NO.	17811-05B
REVISION	03
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=	
+	
CURRENT PAGE	5

DEVICE TAG LIST

Device tag	Function text	Tech. car.	Symbol
+UCP-C7080-01-2TH11		SET@40°C	
+UCP-C7080-01-2TH13		SET@10°C	
=20-C-7080+UCP-C7080-01-8A9		DISPLAY	
=20-C-7080+UCP-C7080-01-2F9		230VAC 6A C Char MCB	
=20-C-7080+UCP-C7080-01-2F11		230VAC 2A C Char MCB	
=20-C-7080+UCP-C7080-01-2F13		230VAC 4A C Char MCB	
=20-C-7080+UCP-C7080-01-2F15		110VAC 10A C Char MCB	
=20-C-7080+UCP-C7080-01-2F15.1		24VDC 10A MCB	
=20-C-7080+UCP-C7080-01-2F17		110VAC 10A C Char MCB	

Device tag	Function text	Tech. car.	Symbol
=20-C-7080+UCP-C7080-01-2F17.1		24VDC 10A MCB	
=20-C-7080+UCP-C7080-01-5F2		24VDC 6A MCB	
=20-C-7080+UCP-C7080-01-5F11		24VDC 6A MCB	
=20-C-7080+UCP-C7080-01-2G15		QUINT DIODE	
=20-C-7080+UCP-C7080-01-2H10			
=20-C-7080+UCP-C7080-01-25H4	COMPRESSOR B OPERATIONAL XL-71106	GREEN 24Vdc	
=20-C-7080+UCP-C7080-01-25H6	COMPRESSOR B RUNNING XL-71107	GREEN 24Vdc	
=20-C-7080+UCP-C7080-01-25H8	COMPRESSOR B COMMON ALARM XL-71108	AMBER 24Vdc	
=20-C-7080+UCP-C7080-01-25H10	COMPRESSOR B COMMON TRIP XL-71109	RED 24Vdc	

DEVICE TAG LIST

Device tag	Function text	Tech. car.	Symbol
=20-C-7080+UCP-C7080-01-27K8	COMPRESSOR B FORCED SHUTDOWN	24Vdc	
=20-C-7080+UCP-C7080-01-28K3		24Vdc	
=20-C-7080+UCP-C7080-01-28K5		24Vdc	
=20-C-7080+UCP-C7080-01-28K8		24Vdc	
=20-C-7080+UCP-C7080-01-28K10		24Vdc	
=20-C-7080+UCP-C7080-01-28K12		24Vdc	
=20-C-7080+UCP-C7080-01-30K4	COMPRESSOR B MAIN MOTOR 20-C-7080-M START/STOP	24Vdc	
=20-C-7080+UCP-C7080-01-30K6	COMPRESSOR B OIL HEATER LG-71101 ON/OFF	24Vdc	
=20-C-7080+UCP-C7080-01-30K10		24Vdc	

Device tag	Function text	Tech. car.	Symbol
=20-C-7080+UCP-C7080-01-57K12		24Vdc	
=20-C-7080+UCP-C7080-01-2M11			
=20-C-7080+UCP-C7080-01-5M2	PLC POWER SUPPLY		
=20-C-7080+UCP-C7080-01-5M3	S7-400 CPU		
=20-C-7080+UCP-C7080-01-5M11	PLC POWER SUPPLY		
=20-C-7080+UCP-C7080-01-5M12	S7-400 CPU		
=20-C-7080+UCP-C7080-01-6M6	CP 343-1		
=20-C-7080+UCP-C7080-01-6M15	FS 10DO	SM326 24VDC	
=20-C-7080+UCP-C7080-01-6M16	=	SM326 24VDC	



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore

THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!

SUBJECT	
Device tag list : =20-C-7080+UCP-C7080-01-27K8 - =20-C-7080+UCP-C7080-01-6M16	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	8

=	
+	
CURRENT PAGE	

DEVICE TAG LIST

Device tag	Function text	Tech. car.	Symbol
=20-C-7080+UCP-C7080-01-6M18	FS 10DO	SM326 24VDC	
=20-C-7080+UCP-C7080-01-6M19	=	SM326 24VDC	
=20-C-7080+UCP-C7080-01-7M6	CP 343-1		
=20-C-7080+UCP-C7080-01-7M15	FS 10DO	SM326 24VDC	
=20-C-7080+UCP-C7080-01-7M16	=	SM326 24VDC	
=20-C-7080+UCP-C7080-01-7M18	=	SM326 24VDC	
=20-C-7080+UCP-C7080-01-7M19	=	SM326 24VDC	
=20-C-7080+UCP-C7080-01-2S2		MAIN SWITCH HS-71102	
=20-C-7080+UCP-C7080-01-2S4		MAIN SWITCH HS-71103	

Device tag	Function text	Tech. car.	Symbol
=20-C-7080+UCP-C7080-01-2S6		MAIN SWITCH HS-71104	
=20-C-7080+UCP-C7080-01-3S6		Red PB-71107	
=20-C-7080+UCP-C7080-01-10S4	GREEN		
=20-C-7080+UCP-C7080-01-10S6	RED		
=20-C-7080+UCP-C7080-01-10S8	BLACK		
=20-C-7080+UCP-C7080-01-10S10	=		
=20-C-7080+UCP-C7080-01-10S12	=		
=20-C-7080+UCP-C7080-01-2U13			
=20-C-7080+UCP-C7080-01-9U6.1			



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore

THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!

SUBJECT	
Device tag list : =20-C-7080+UCP-C7080-01-6M18 - =20-C-7080+UCP-C7080-01-9U6.1	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	9

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+
CURRENT PAGE

DEVICE TAG LIST

Device tag	Function text	Tech. car.	Symbol
=20-C-7080+UCP-C7080-01-9U12			
=20-C-7080+UCP-C7080-01-9U13			
=20-C-7080+UCP-C7080-01-25U12	COMPRESSOR B HOURMETER HM-71101	24Vdc	
=20-C-7080+UCP-C7080-01-58U5	PID controller Flow valve 4-20mA Input	4-20mA control	
=20-C-7080+UCP-C7080-01-2V15		110VAC 24VDC 10A	
=20-C-7080+UCP-C7080-01-2V17		110VAC 24VDC 10A	
=20-C-7080+LP-C7080-01-3H4		GREEN	
=20-C-7080+LP-C7080-01-3H6		GREEN	
=20-C-7080+LP-C7080-01-3H8		AMBER	

Device tag	Function text	Tech. car.	Symbol
=20-C-7080+LP-C7080-01-3H10		RED	
=20-C-7080+LP-C7080-01-2S4		GREEN	
=20-C-7080+LP-C7080-01-2S6		RED	
=20-C-7080+LP-C7080-01-2S8		BLACK	
=20-C-7080+LP-C7080-01-2S10		LOCAL/OFF/REMOTE	
=20-C-7080+LP-C7080-01-4S3		Red	
=20-C-7080+PD-C-7080-01-2F17		10A MCB C Char	
=20-C-7080+PD-C-7080-01-2F17.1		6A MCB C Char	
=20-C-7080+PD-C-7080-01-3F3		400VAC 32A C Char MCB	

DEVICE TAG LIST

Device tag	Function text	Tech. car.	Symbol
=20-C-7080+PD-C-7080-01-4F4		230VAC 5A C Char MCB	
=20-C-7080+PD-C-7080-01-5K4	COMPRESSOR B MAIN MOTOR 20-C-7080-M START/STOP	Interface relay Main Motor Start/Stop	
=20-C-7080+PD-C-7080-01-5K6	COMPRESSOR B OIL HEATER LG-71101 ON/OFF	Interface relay Oil heater On/Off	
=20-C-7080+PD-C-7080-01-2Q3		Main Switch	
=20-C-7080+PD-C-7080-01-4Q3		MCCB SET @ 1A 0.35-1.4A	
=20-C-7080+PD-C-7080-01-3U3	Motor Control	400V Motor Control 32A	
=20-C-7080+PD-C-7080-01-4U4	SSR	SSR ON/OFF control 12 VDC - 21mA AC 7-264V Current AC-1 15A	
=20-C-7080+PD-C-7080-01-4U14	PID controller Oil heater PT100 input	On/off control	
=20-C-7080+PD-C-7080-01-2V17		400VAC 24VDC 5A	

Device tag	Function text	Tech. car.	Symbol

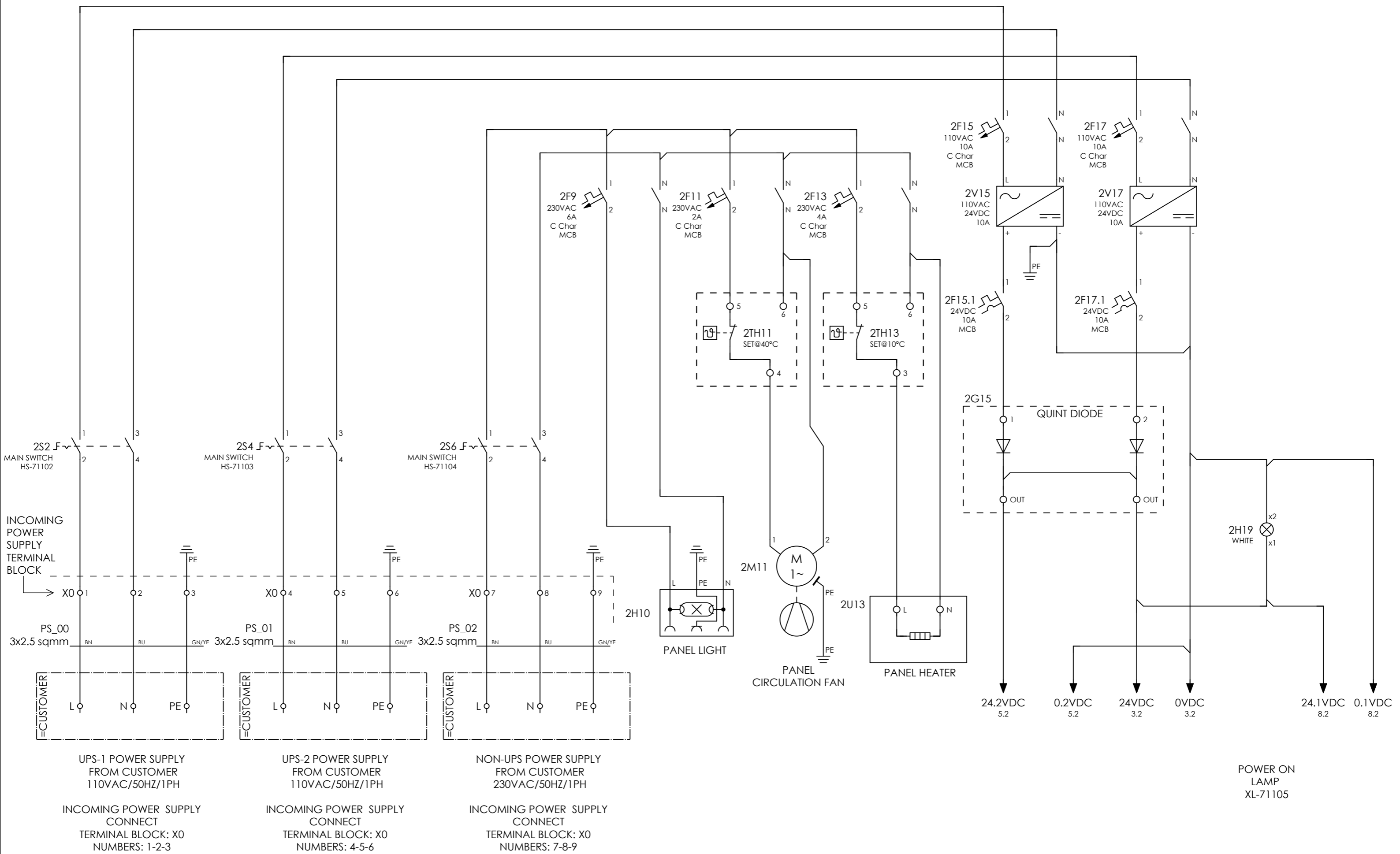
TERMINAL STRIP DEFINITION

UNIT CONTROL PANEL
UCP-C7080-01

- X0 = POWER SUPPLY 110VAC / 230VAC FROM CUSTOMER
- X1 = SOLENOIDS
- X2 = ANALOGUE INPUTS
- X4 = SERIAL COMMUNICATION MODBUS TCP/IP TO CUSTOMER
- X5 = CONNECTION PUSHBUTTONS / LAMPS
- X8 = SIGNALS TO / FROM DISTRIBUTION BOARD
- X9 = EMERGENCY SHUTDOWN
- X10 = SIGNALS TO / FROM ESD
- X11 = SIGNALS FROM FCS



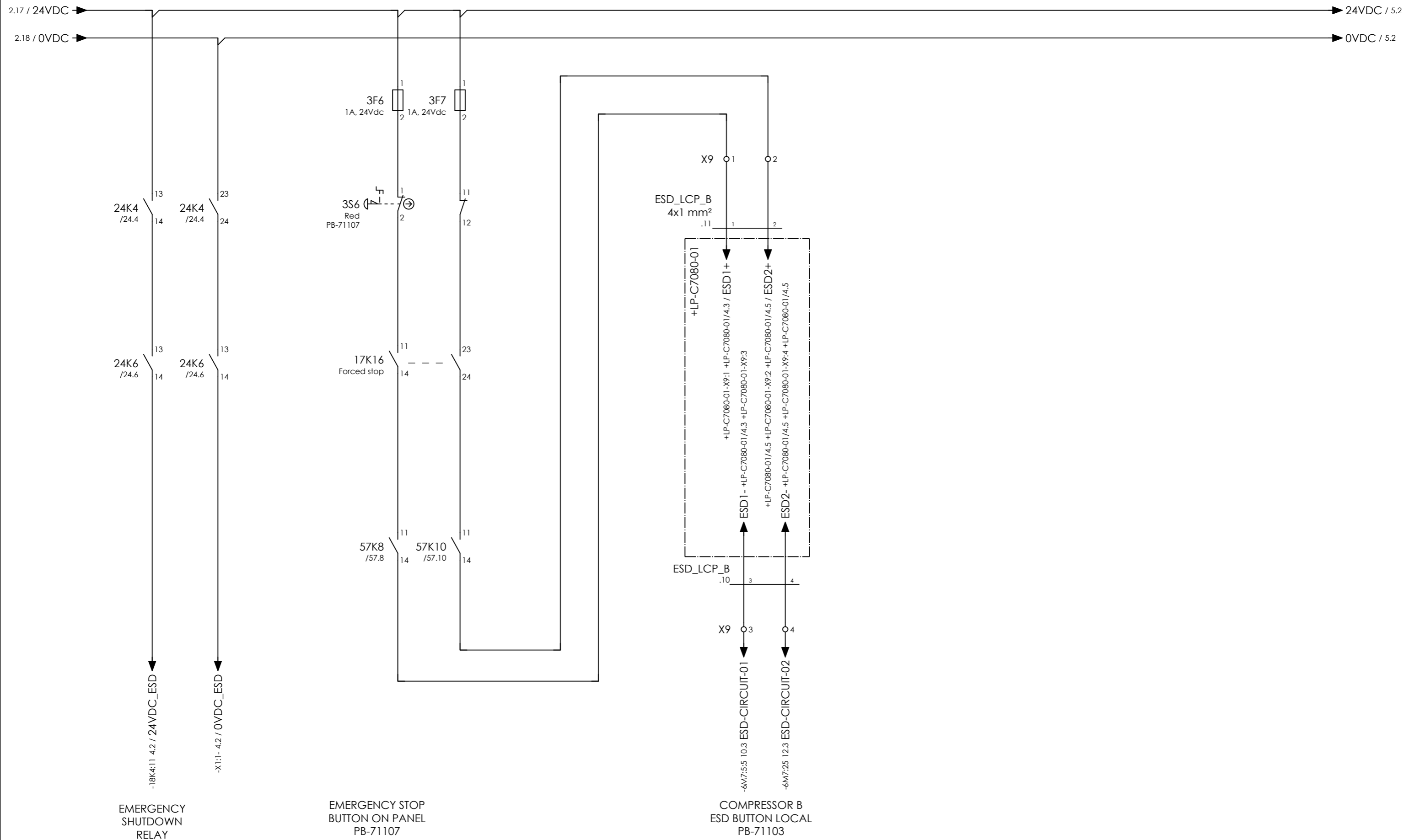
CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093	SUBJECT		DRAWN BY	MaGo	= 20-C-7080
EQUIPMENT NO.	20-C-7080	TERMINAL STRIP DEFINITION		CHECKED BY	RBE	+ UCP-C7080-01
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	04	LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT	Bushehr Petrochemical Company (BUPC)	AIRPACK DWG NO.	17811-05B	
		CLIENT REF.	Bushehr MEG Plant Project	REVISION	03	
		AIRPACK REF.	17811-05B	TOTAL PAGE AMOUNT	12	



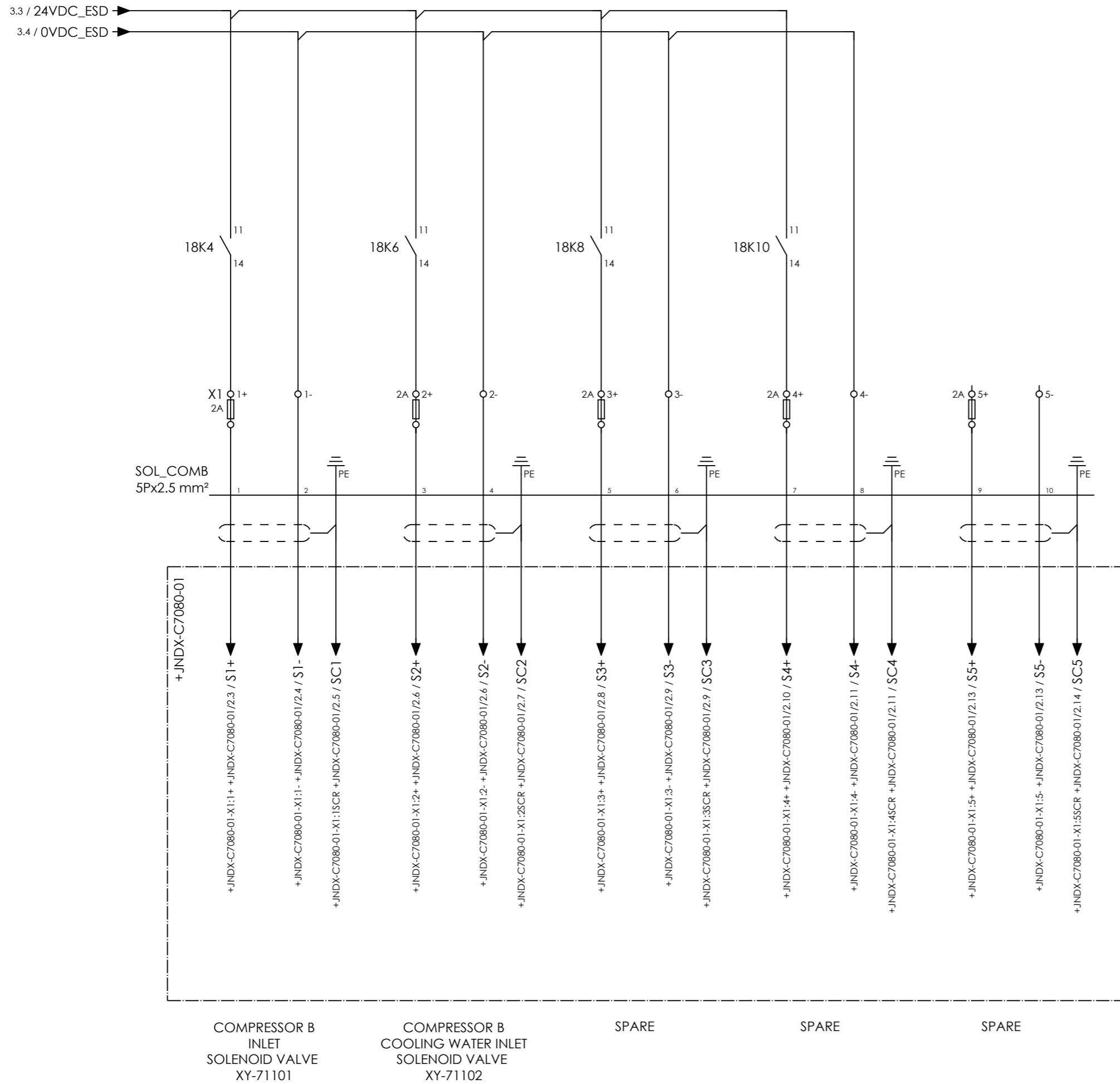
CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!	

SUBJECT POWER SUPPLY	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo	= 20-C-7080
CHECKED BY	RBE	+ UCP-C7080-01
LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
AIRPACK DWG NO.	17811-05B	
REVISION	03	
TOTAL PAGE AMOUNT	13	



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093	SUBJECT		DRAWN BY	MaGo	= 20-C-7080
EQUIPMENT NO.	20-C-7080	EMERGENCY SHUTDOWN		CHECKED BY	RBE	+ UCP-C7080-01
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	04	LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT	Bushehr Petrochemical Company (BUPC)	AIRPACK DWG NO.	17811-05B	
		CLIENT REF.	Bushehr MEG Plant Project	REVISION	03	
		AIRPACK REF.	17811-05B	TOTAL PAGE AMOUNT	14	



COMPRESSOR B
INLET
SOLENOID VALVE
XY-71101

COMPRESSOR B
COOLING WATER INLET
SOLENOID VALVE
XY-71102

SPARE

SPARE

SPARE

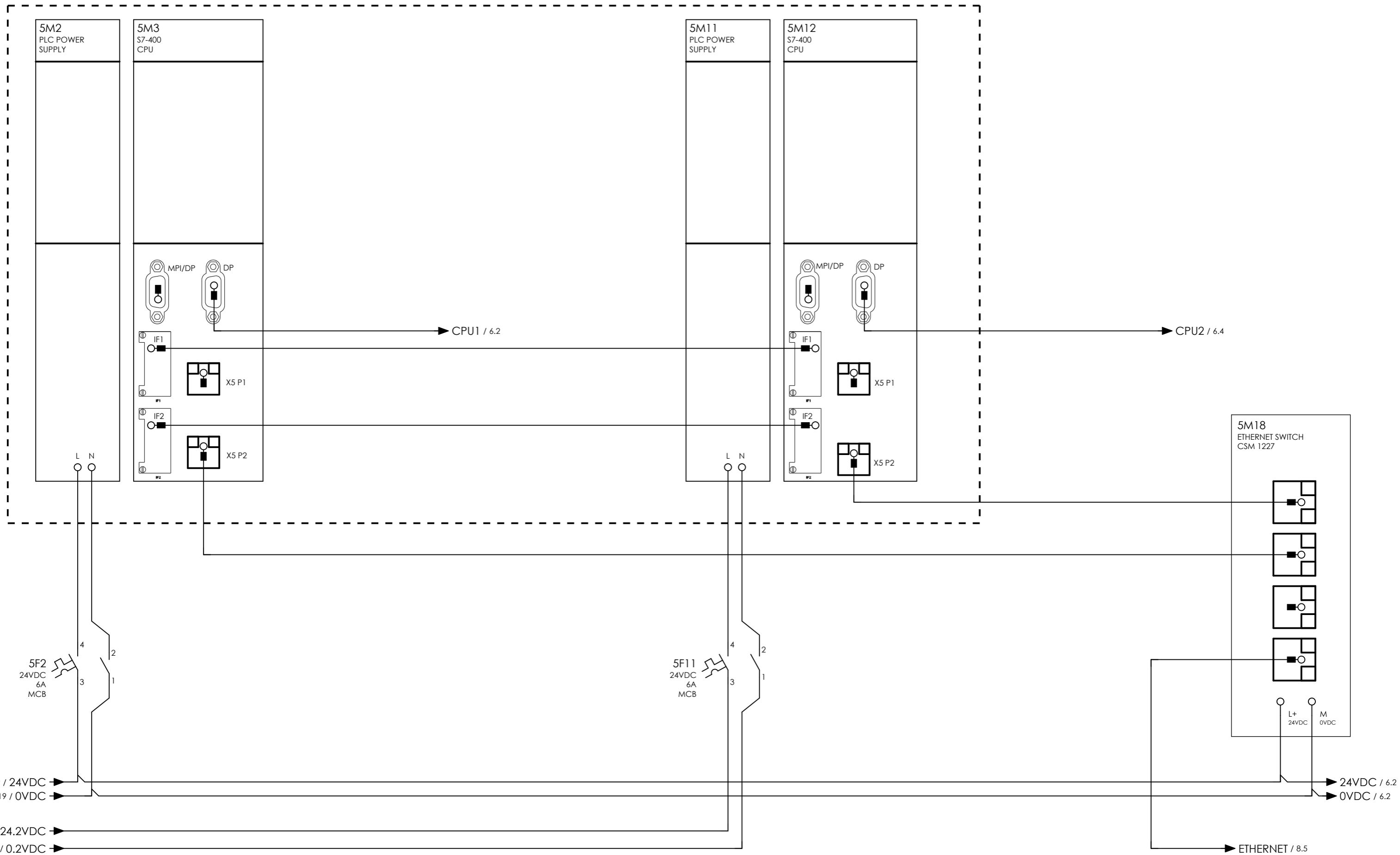


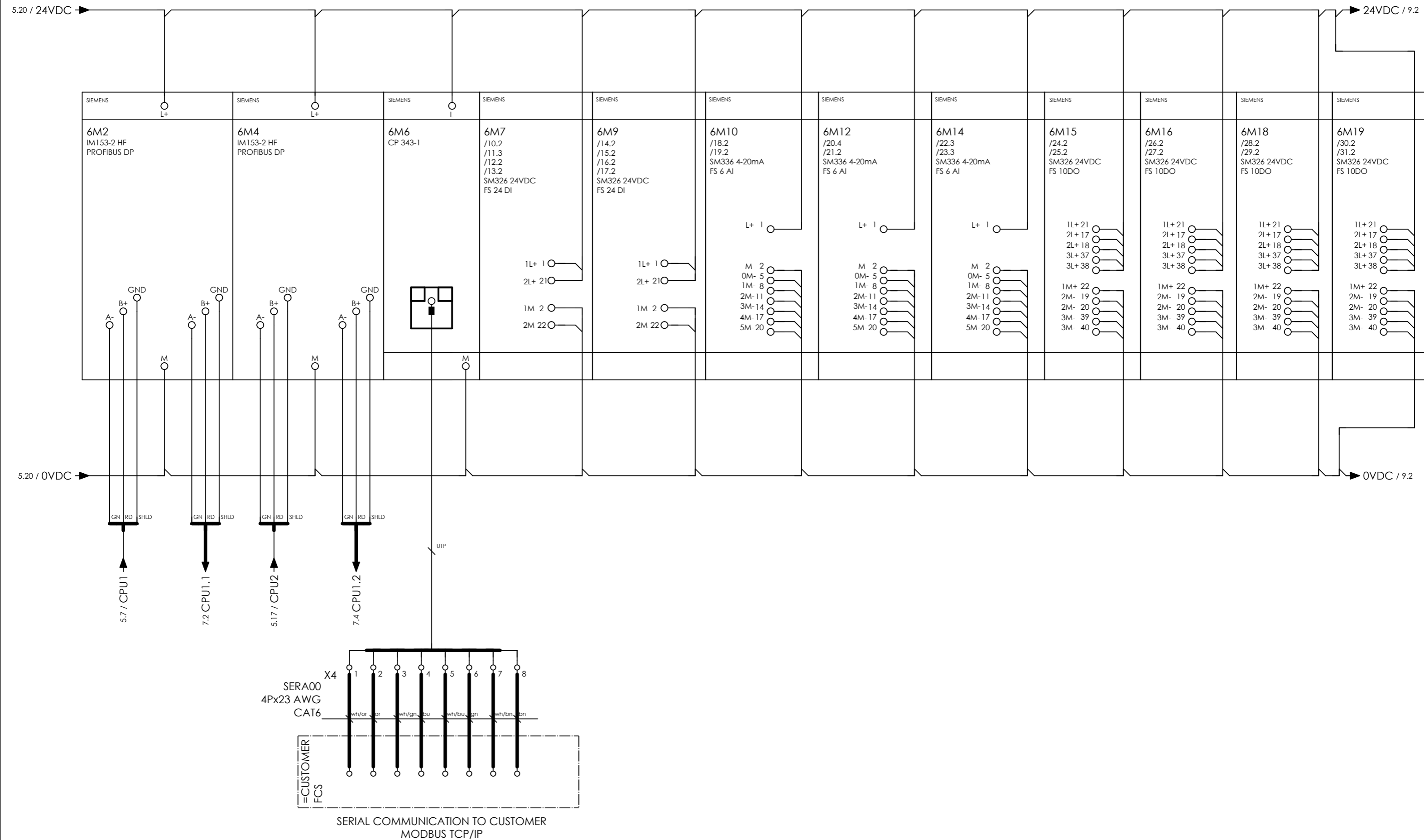
CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!	

SUBJECT SOLENOIDS	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	15

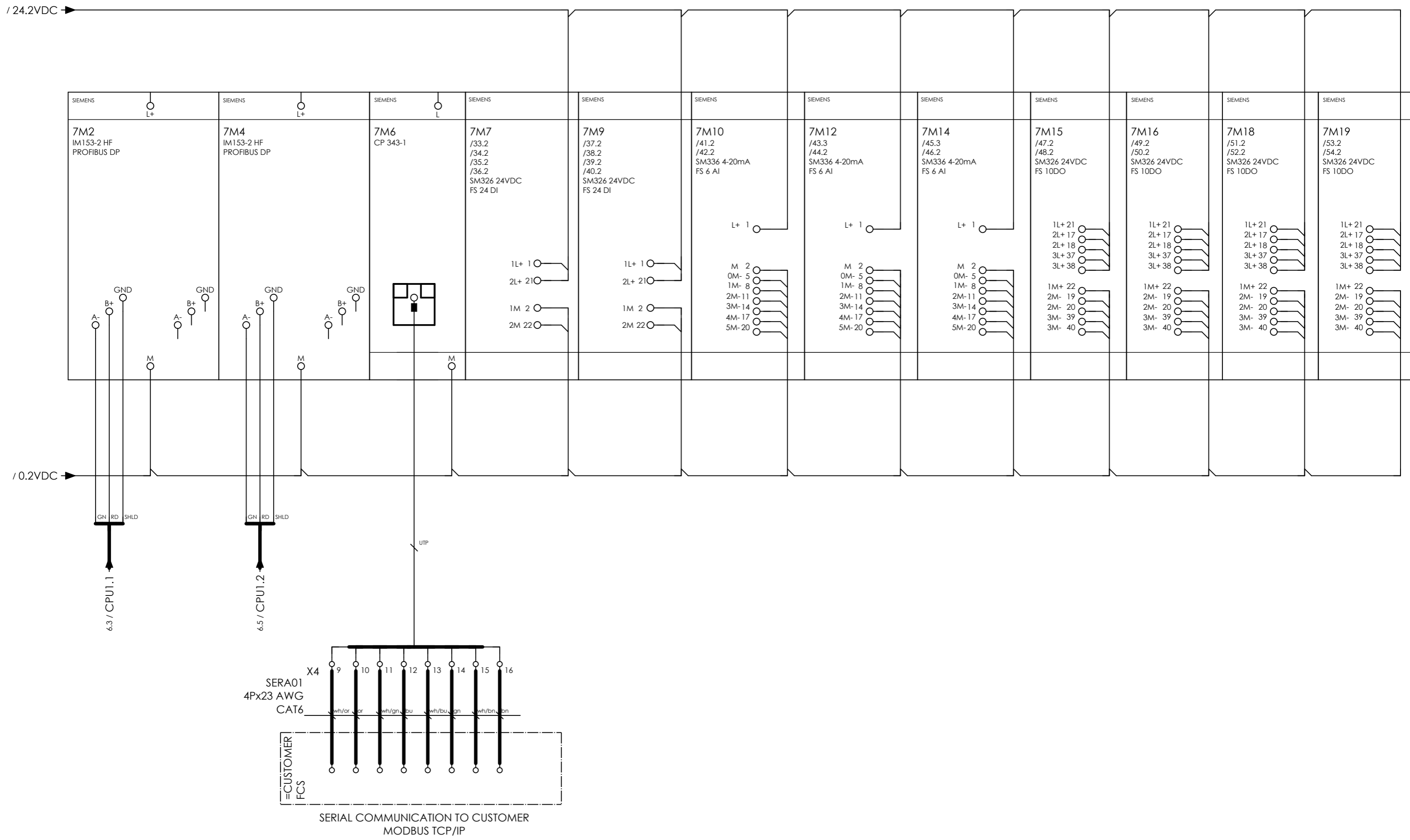
= 20-C-7080
+ UCP-C7080-01
CURRENT PAGE





CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093	SUBJECT		DRAWN BY	MaGo	= 20-C-7080
EQUIPMENT NO.	20-C-7080	IO RACK I		CHECKED BY	RBE	+ UCP-C7080-01
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	04	LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT	Bushehr Petrochemical Company (BUPC)	AIRPACK DWG NO.	17811-05B	
		CLIENT REF.	Bushehr MEG Plant Project	REVISION	03	
		AIRPACK REF.	17811-05B	TOTAL PAGE AMOUNT	17	

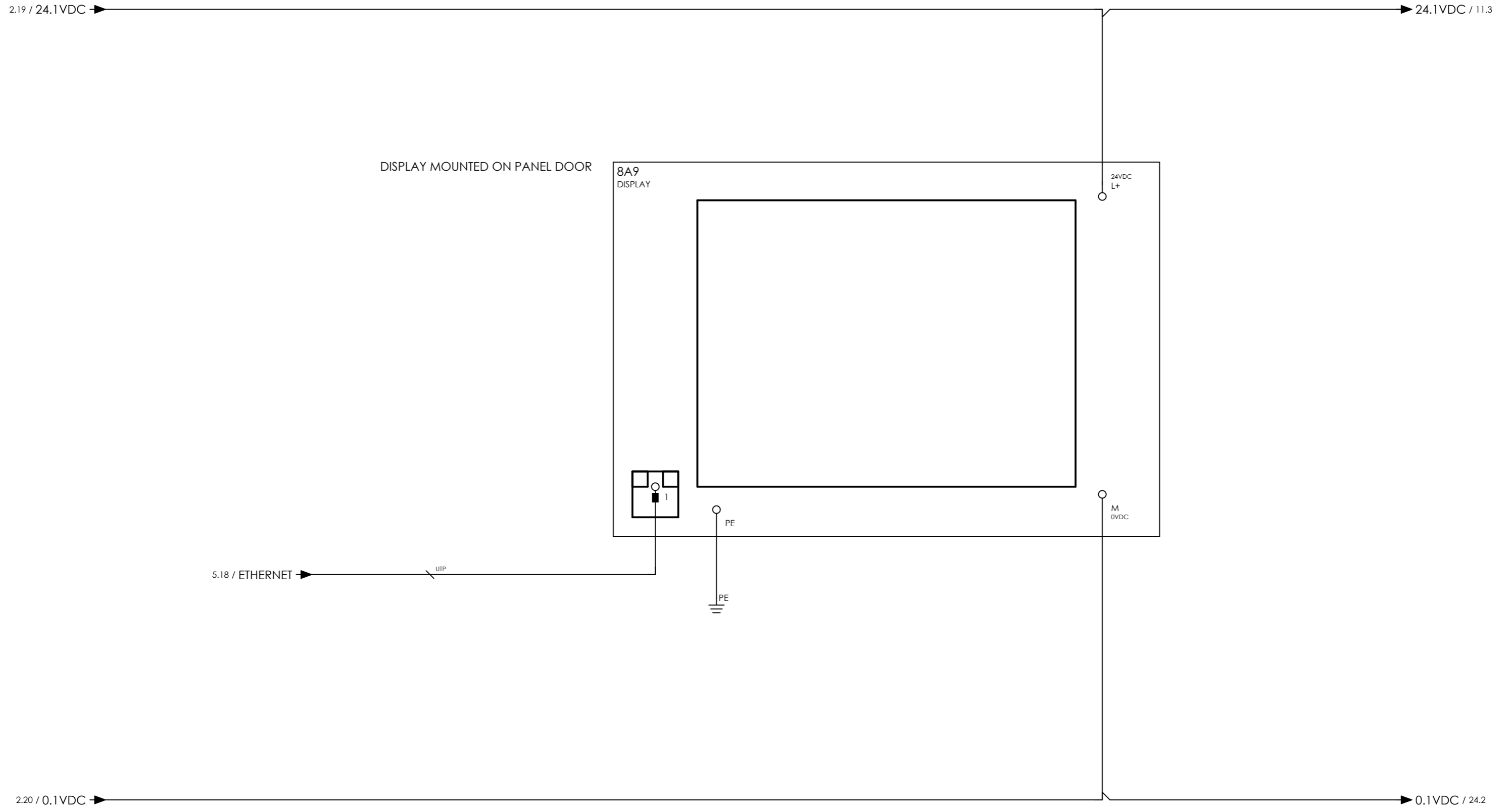
DRAWN BY	MaGo	= 20-C-7080
CHECKED BY	RBE	+ UCP-C7080-01
LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
AIRPACK DWG NO.	17811-05B	
REVISION	03	
TOTAL PAGE AMOUNT	17	



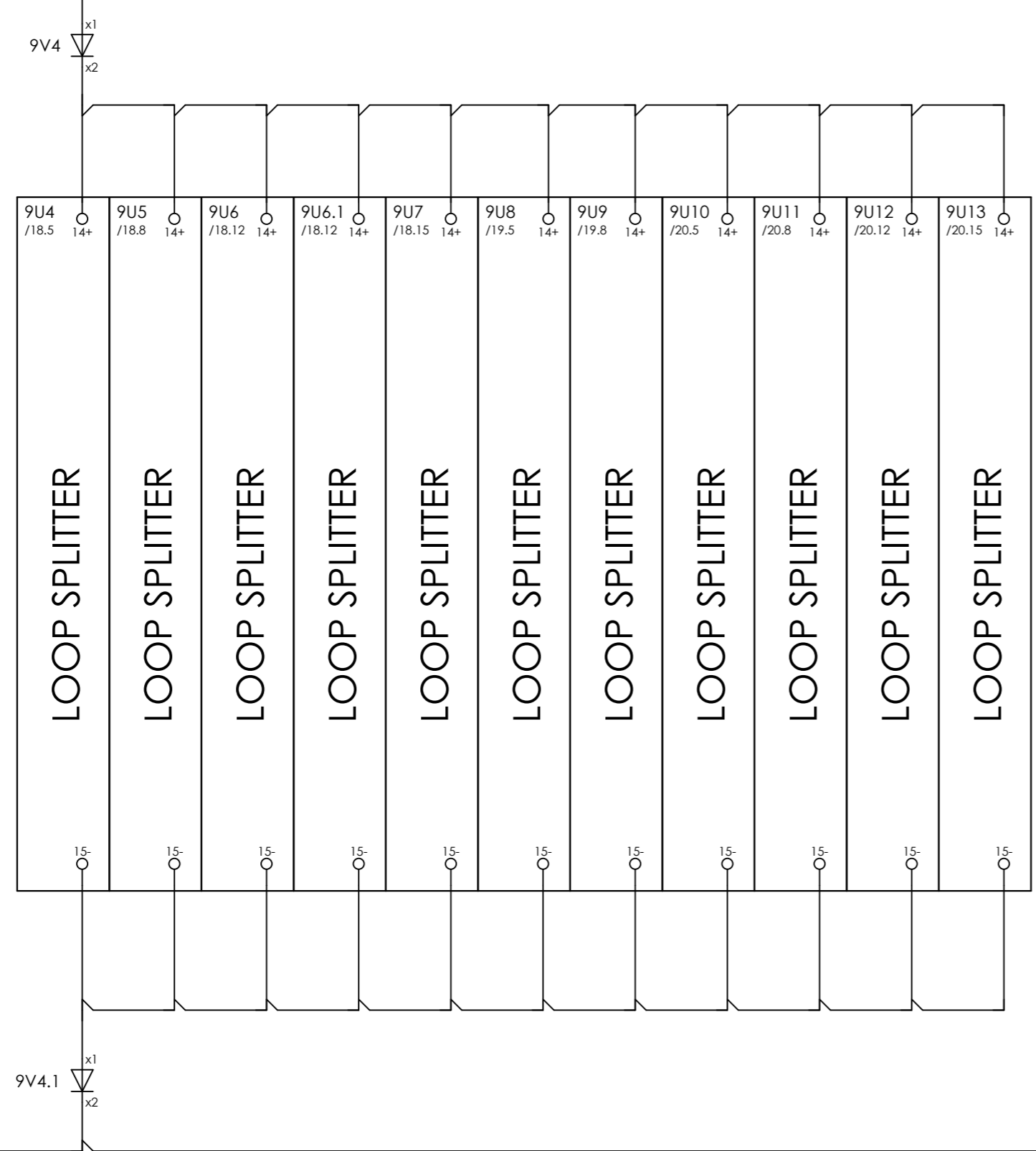
CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!	

SUBJECT IO RACK II	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo	= 20-C-7080
CHECKED BY	RBE	+ UCP-C7080-01
LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
AIRPACK DWG NO.	17811-05B	
REVISION	03	
TOTAL PAGE AMOUNT	18	



6.19 / 24VDC → 24VDC / 14.3



6.19 / 0VDC → 0VDC / 26.2



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!	

SUBJECT LOOP SPLITTERS	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo	= 20-C-7080
CHECKED BY	RBE	+ UCP-C7080-01
LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
AIRPACK DWG NO.	17811-05B	
REVISION	03	
TOTAL PAGE AMOUNT	20	

3.11
ESD-CIRCUIT-01

DIO.0



ESD CIRCUIT 1

SPARE

SPARE

SPARE

SPARE

SPARE

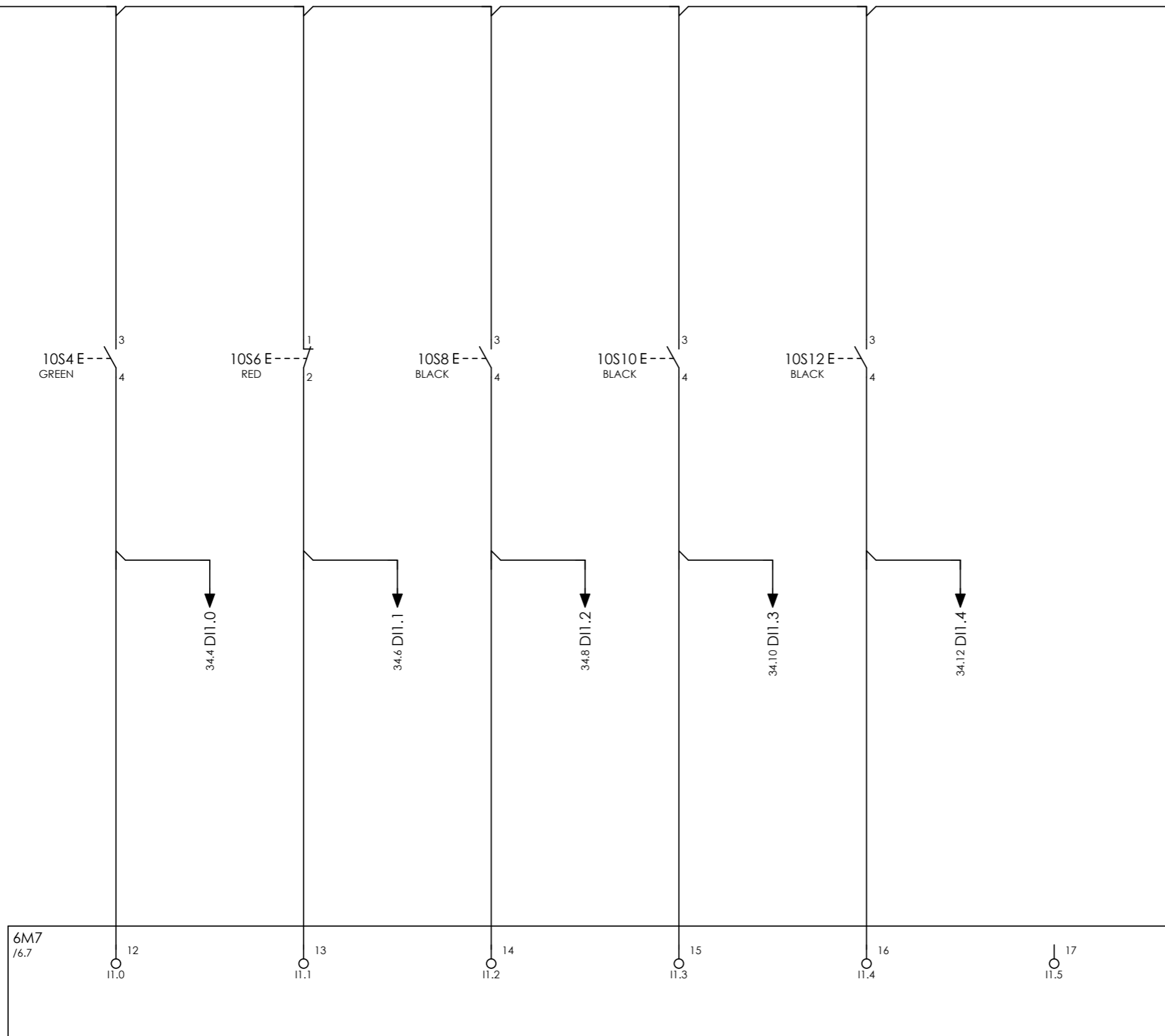


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!	

SUBJECT		DRAWN BY	MaGo	= 20-C-7080
DIGITAL INPUTS I [6M7]		CHECKED BY	RBE	+ UCP-C7080-01
ADAPTED TO P&ID REVISION	04	LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
CLIENT	Bushehr Petrochemical Company (BUPC)	AIRPACK DWG NO.	17811-05B	
CLIENT REF.	Bushehr MEG Plant Project	REVISION	03	
AIRPACK REF.	17811-05B	TOTAL PAGE AMOUNT	21	

8.19 / 24.1VDC

24.1VDC / 13.2



COMPRESSOR B
START
PB-71105

COMPRESSOR B
STOP
PB-71106

COMPRESSOR B
LAMPTEST
PB-71108

COMPRESSOR B
ACCEPT
PB-71109

COMPRESSOR B
RESET
PB-71110

SPARE



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!	

SUBJECT DIGITAL INPUTS I [6M7]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	22

= 20-C-7080
+ UCP-C7080-01
CURRENT PAGE

3.11
ESD-CIRCUIT-02

DI2.0



ESD CIRCUIT 2

SPARE

SPARE

SPARE

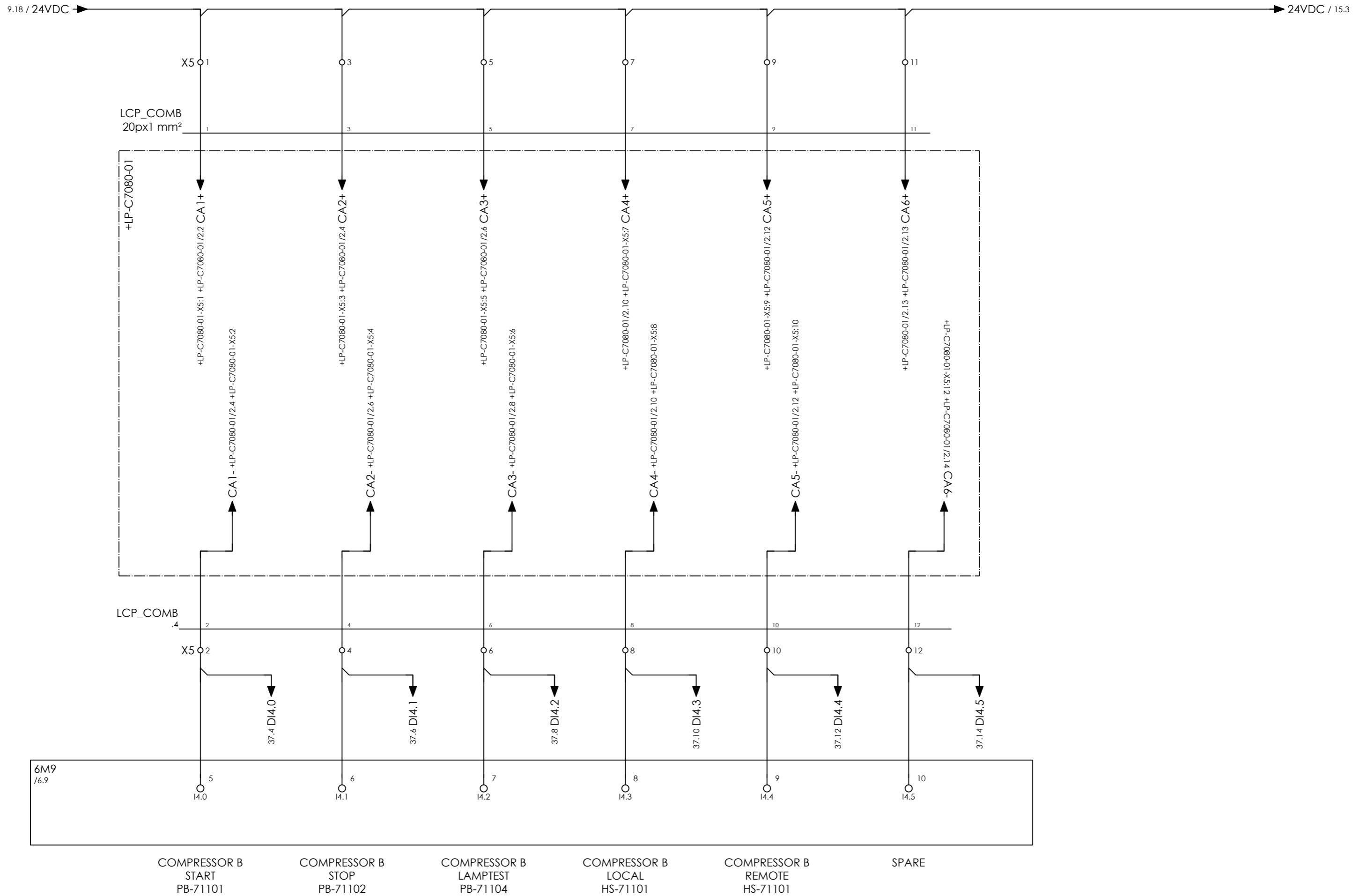
SPARE

SPARE



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!	

SUBJECT		DRAWN BY	MaGo	= 20-C-7080
DIGITAL INPUTS I [6M7]		CHECKED BY	RBE	+ UCP-C7080-01
ADAPTED TO P&ID REVISION	04	LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
CLIENT	Bushehr Petrochemical Company (BUPC)	AIRPACK DWG NO.	17811-05B	
CLIENT REF.	Bushehr MEG Plant Project	REVISION	03	
AIRPACK REF.	17811-05B	TOTAL PAGE AMOUNT	23	



COMPRESSOR B
START
PB-71101

COMPRESSOR B
STOP
PB-71102

COMPRESSOR B
LAMPTEST
PB-71104

COMPRESSOR B
LOCAL
HS-71101

COMPRESSOR B
REMOTE
HS-71101

SPARE

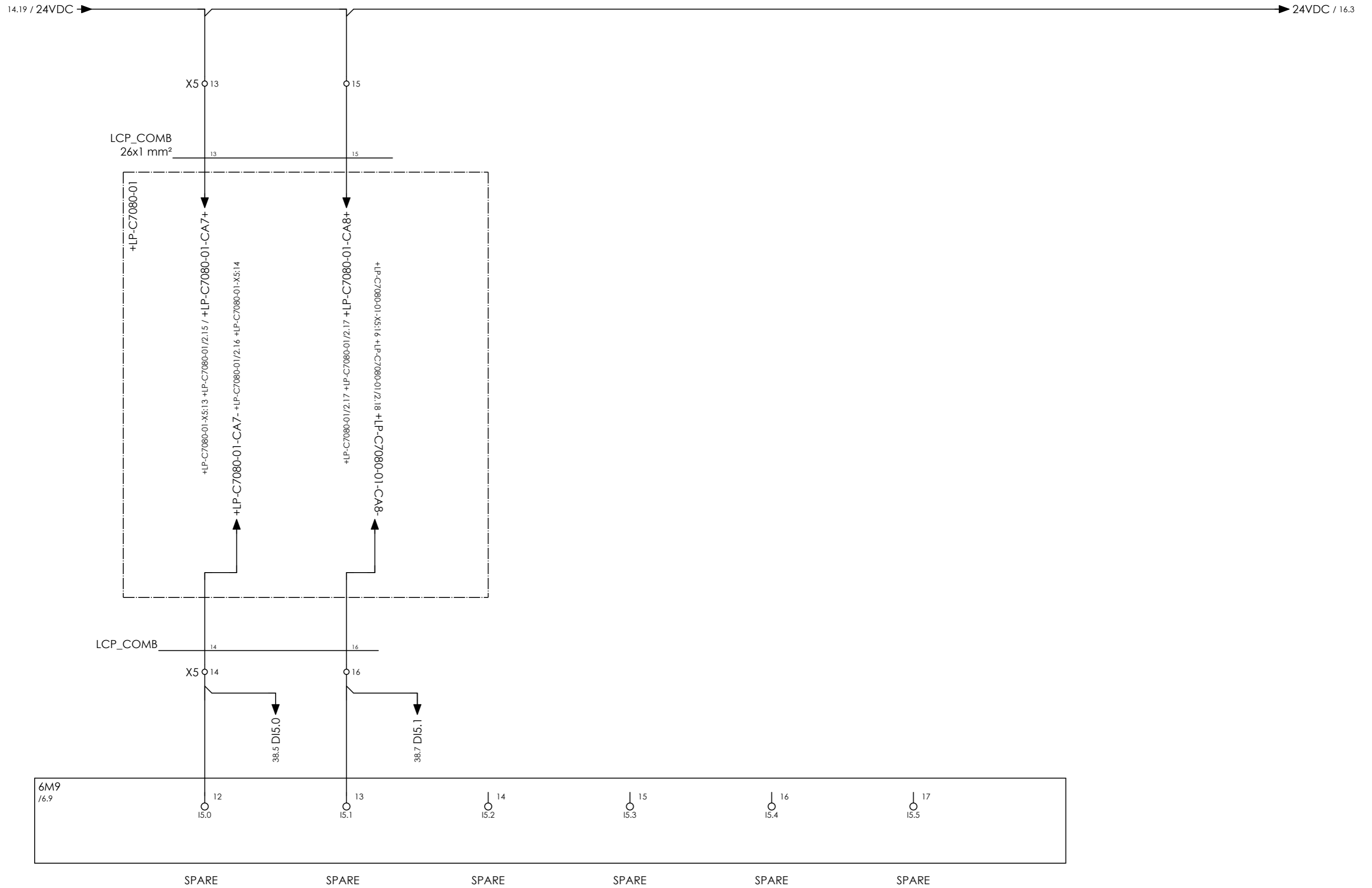


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore

THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!

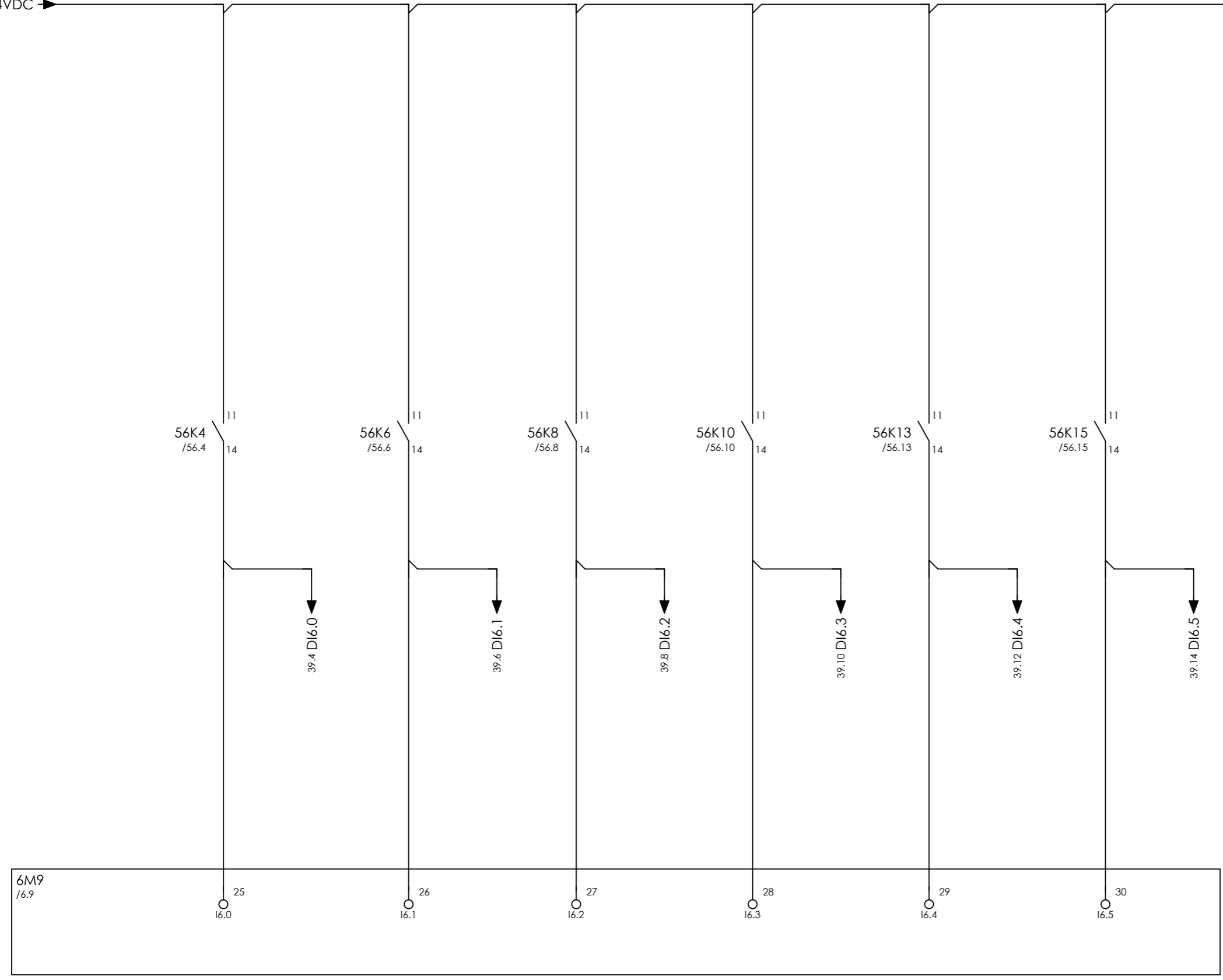
SUBJECT DIGITAL INPUTS I [6M9]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo	= 20-C-7080
CHECKED BY	RBE	+ UCP-C7080-01
LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
AIRPACK DWG NO.	17811-05B	
REVISION	03	
TOTAL PAGE AMOUNT	25	



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!	

SUBJECT		DRAWN BY	MaGo	= 20-C-7080
DIGITAL INPUTS I [6M9]		CHECKED BY	RBE	+ UCP-C7080-01
ADAPTED TO P&ID REVISION	04	LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
CLIENT	Bushehr Petrochemical Company (BUPC)	AIRPACK DWG NO.	17811-05B	
CLIENT REF.	Bushehr MEG Plant Project	REVISION	03	
AIRPACK REF.	17811-05B	TOTAL PAGE AMOUNT	26	

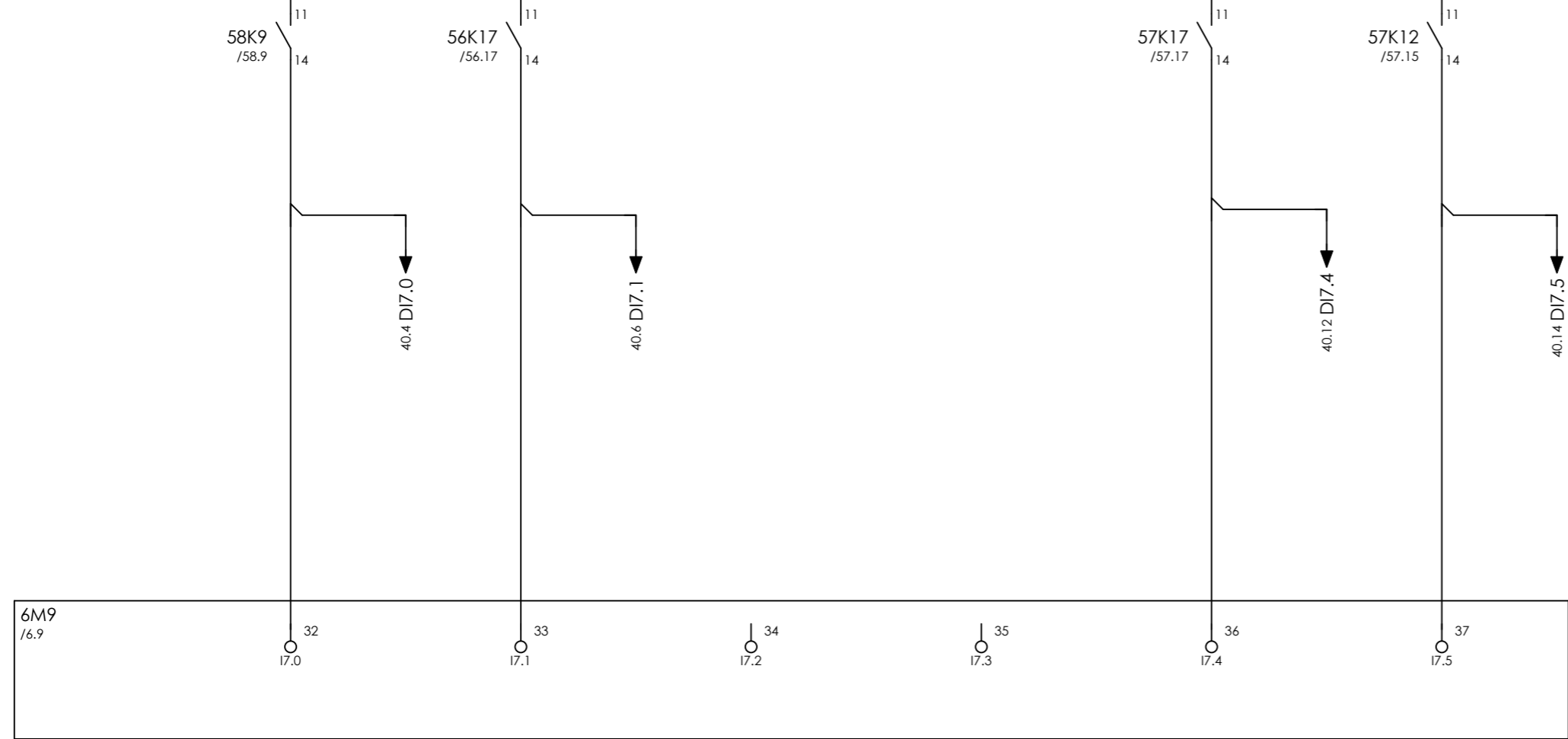


6M9 /6.9
 25 16.0
 26 16.1
 27 16.2
 28 16.3
 29 16.4
 30 16.5

COMPRESSOR B MAIN MOTOR 20-C-7080-M RUNNING
 COMPRESSOR B MAIN MOTOR 20-C-7080-M FAULT
 COMPRESSOR B OIL HEATER LG-71 101 ON
 COMPRESSOR B OIL HEATER LG-71 101 FAULT
 SPARE
 SPARE



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093	SUBJECT		DRAWN BY	MaGo	= 20-C-7080
EQUIPMENT NO.	20-C-7080	DIGITAL INPUTS I [6M9]		CHECKED BY	RBE	+ UCP-C7080-01
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	04	LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT	Bushehr Petrochemical Company (BUPC)	AIRPACK DWG NO.	17811-05B	
		CLIENT REF.	Bushehr MEG Plant Project	REVISION	03	
		AIRPACK REF.	17811-05B	TOTAL PAGE AMOUNT	27	



PID CONTROL
CONTROL VALVE
ALARM

OIL HEATER PID
LG-10151
FAULT

SPARE

SPARE

INTERLOCK SWITCH
XS-715

TIME
SYNCHRONIZATION
XCS-715

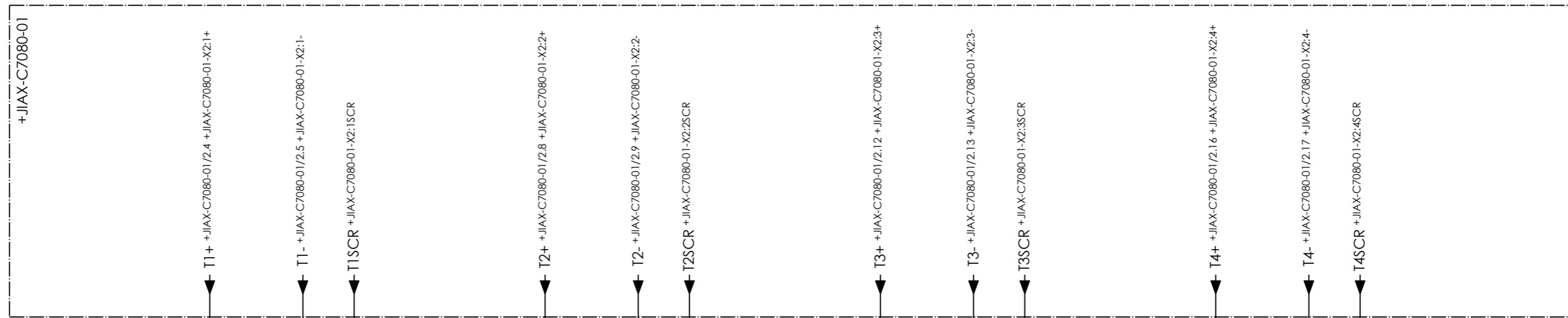


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!	

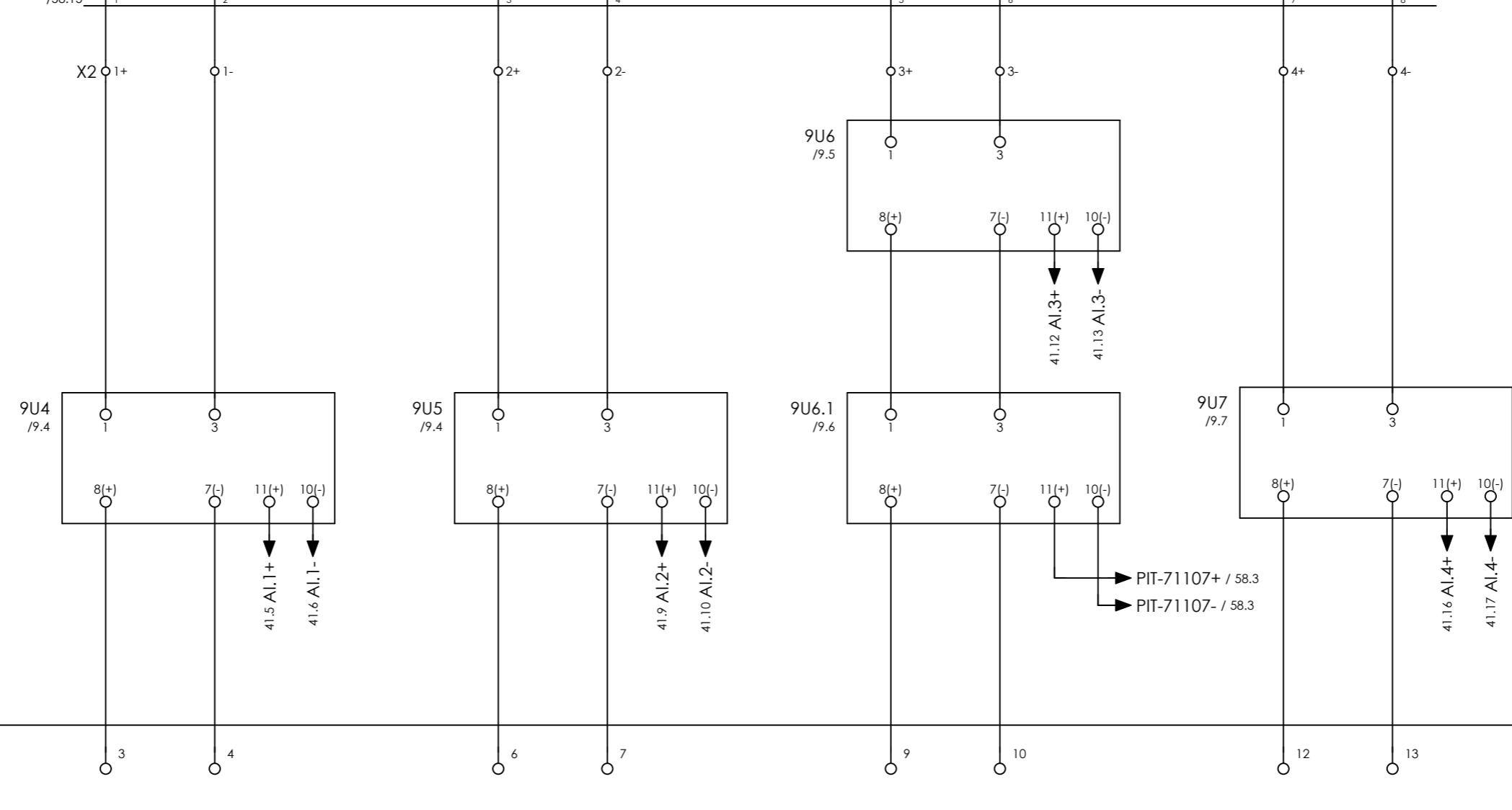
SUBJECT DIGITAL INPUTS I [6M9]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	28

= 20-C-7080
+ UCP-C7080-01
CURRENT PAGE



TR_COMB
20Px0,75 mm²
/19.5
/20.5
/58.15



6M10
/6.10

COMPRESSOR B
INLET PRESSURE
PIT-71103

COMPRESSOR B
OIL SYSTEM PRESSURE
PIT-71104

COMPRESSOR B
OUTLET PRESSURE
PIT-71107

COMPRESSOR B
INLET TEMPERATURE
TIT-71101

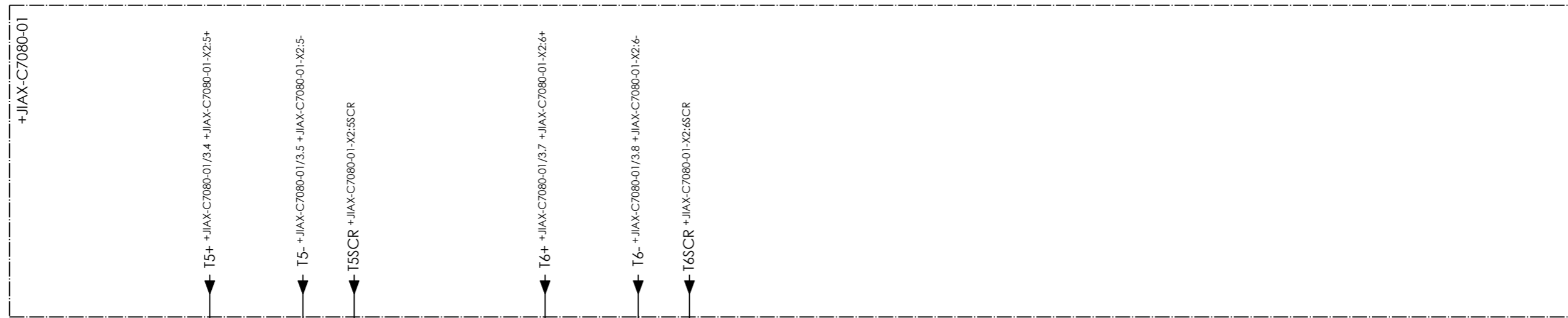


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT ANALOG INPUTS I [6M10]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	29

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+ UCP-C7080-01
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TR_COMB
10P x 0,75 mm²
/18.5
/20.5
/58.15

9U8
/9.8

9U9
/9.8

6M10
/6.10

COMPRESSOR B
UPSTREAM AFTER COOLER TEMPERATURE
TIT-71102

COMPRESSOR B
COOLING WATER OUTLET FLOW
FT-71101

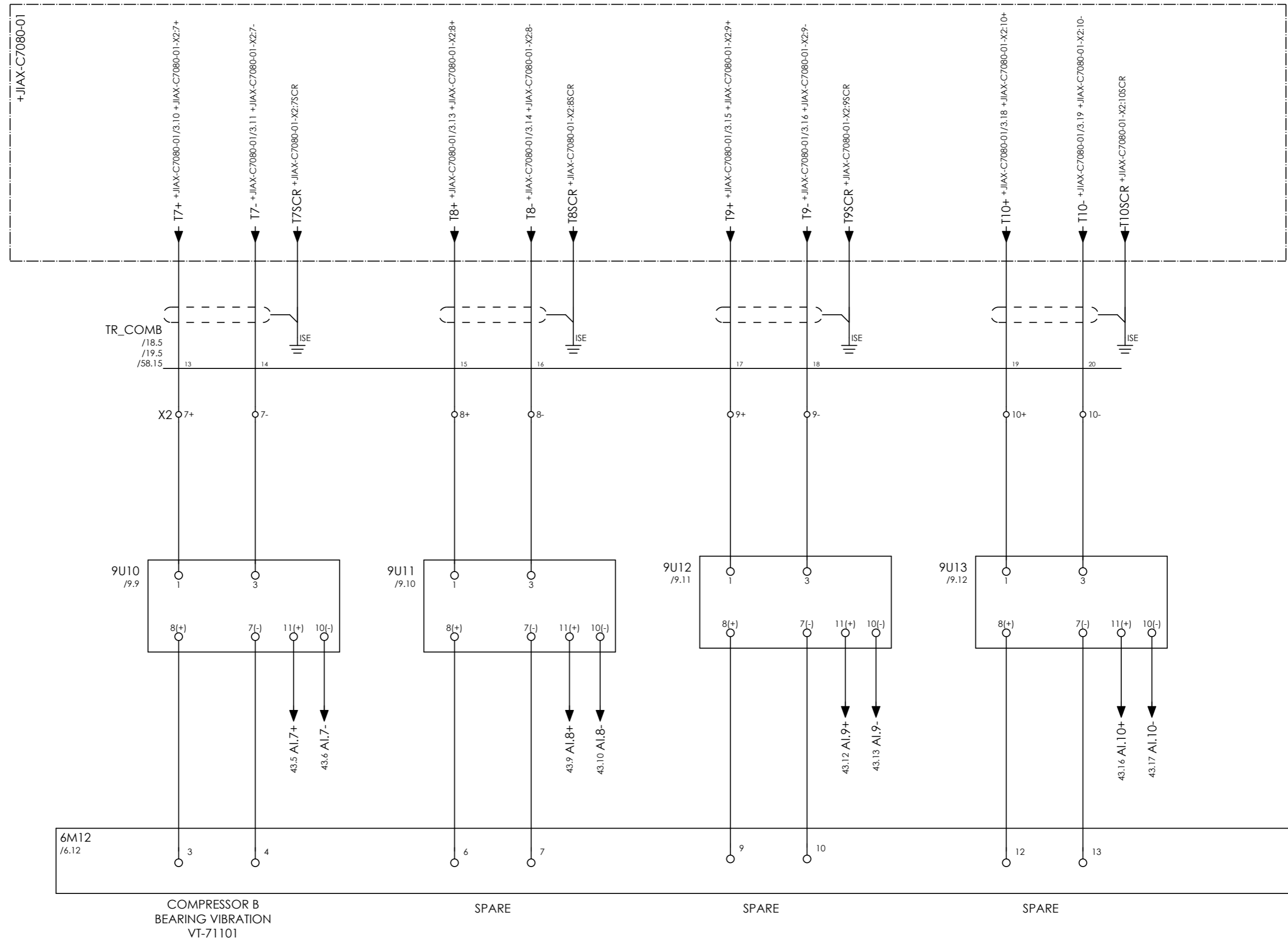


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT ANALOG INPUTS I [6M10]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	30

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COMPRESSOR B
BEARING VIBRATION
VT-71101

SPARE

SPARE

SPARE



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT ANALOG INPUTS I [6M12]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	31

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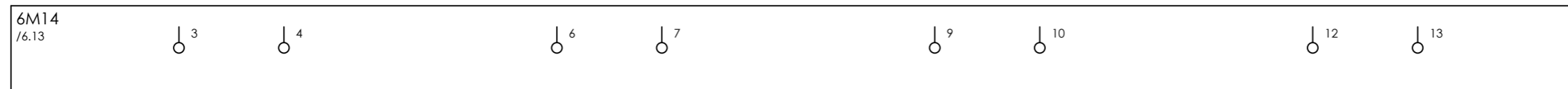


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EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT	
ANALOG INPUTS I [6M12]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
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SPARE

SPARE

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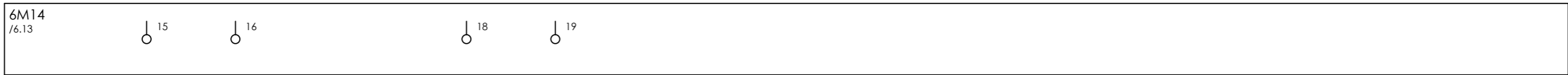


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EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT ANALOG INPUTS I [6M14]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
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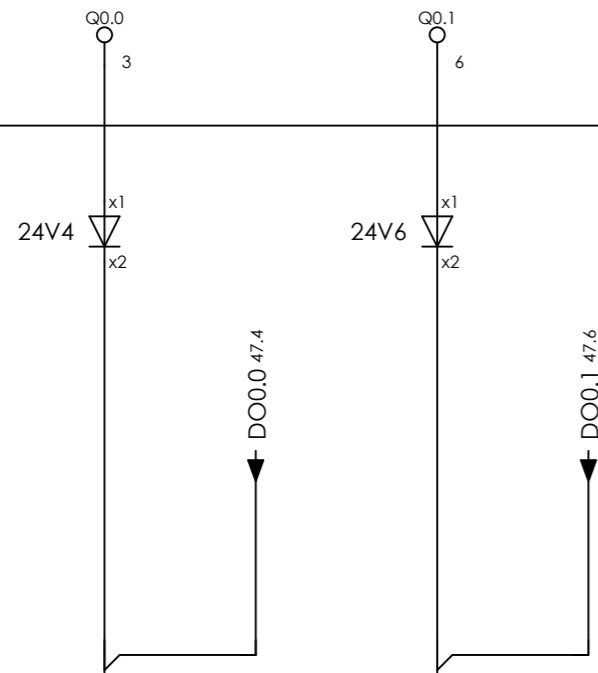
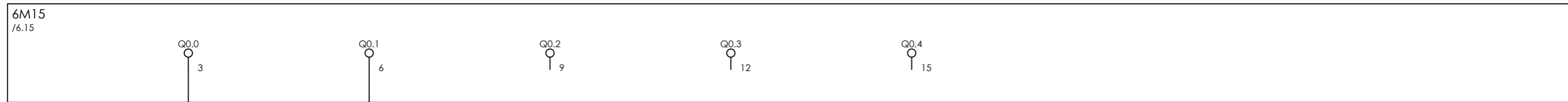


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EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT ANALOG INPUTS I [6M14]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
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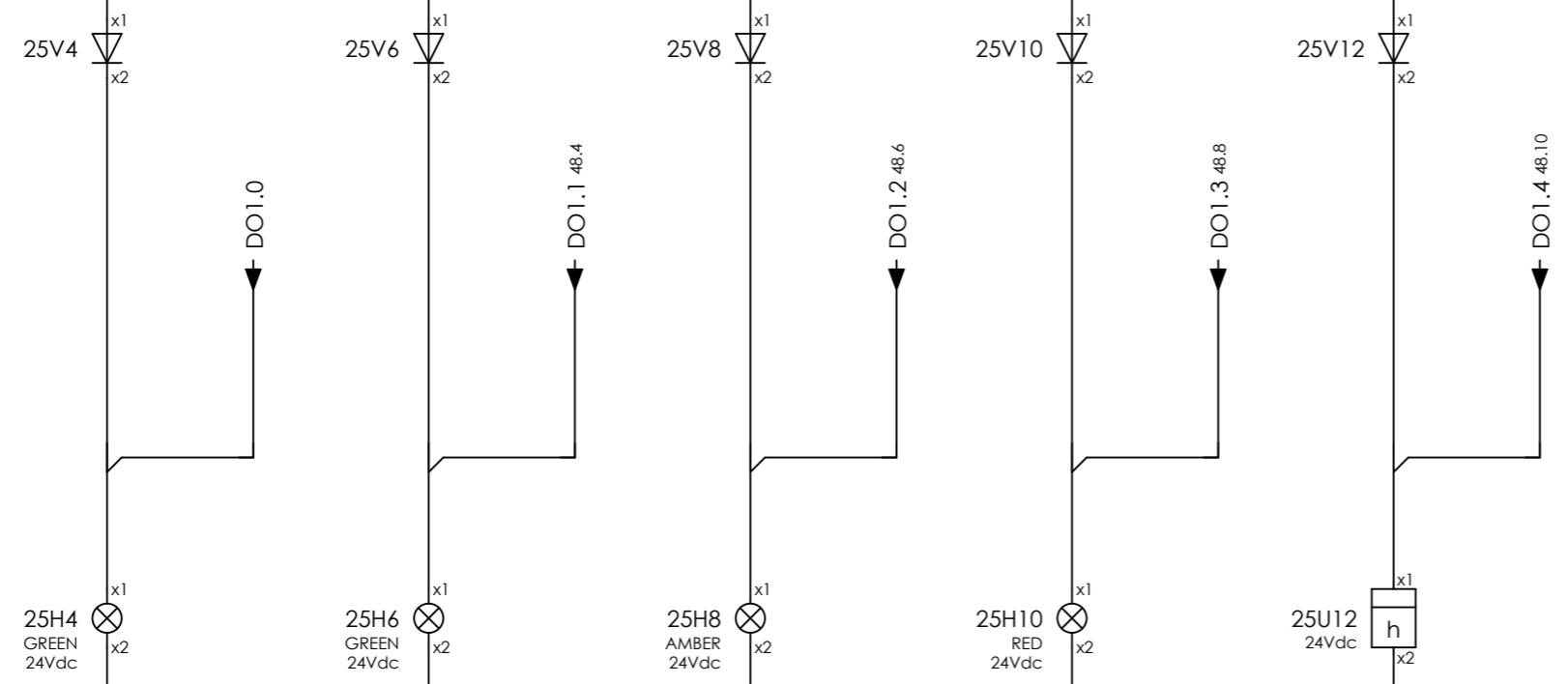
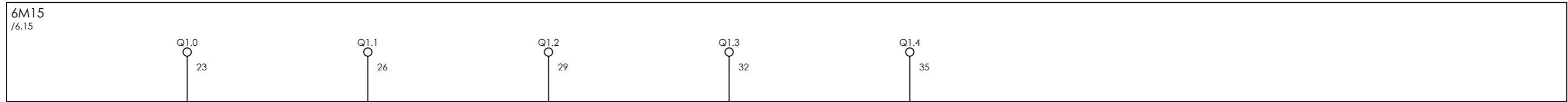


ESD RELAY 01 ESD RELAY 02 SPARE SPARE SPARE



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT		DRAWN BY	MaGo	= 20-C-7080
DIGITAL OUTPUTS I [6M15]		CHECKED BY	RBE	+ UCP-C7080-01
ADAPTED TO P&ID REVISION	04	LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
CLIENT	Bushehr Petrochemical Company (BUPC)	AIRPACK DWG NO.	17811-05B	
CLIENT REF.	Bushehr MEG Plant Project	REVISION	03	
AIRPACK REF.	17811-05B	TOTAL PAGE AMOUNT	35	

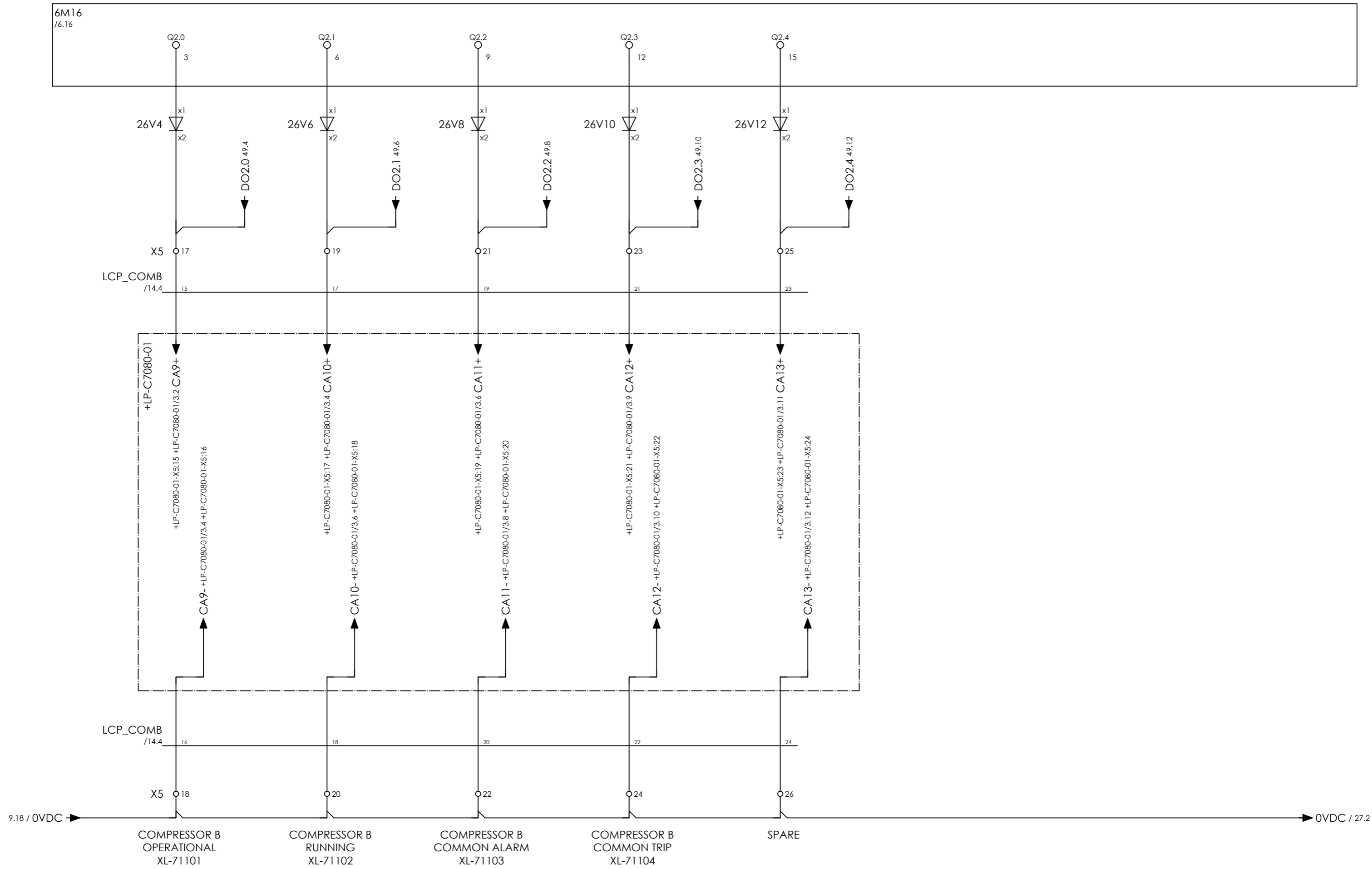


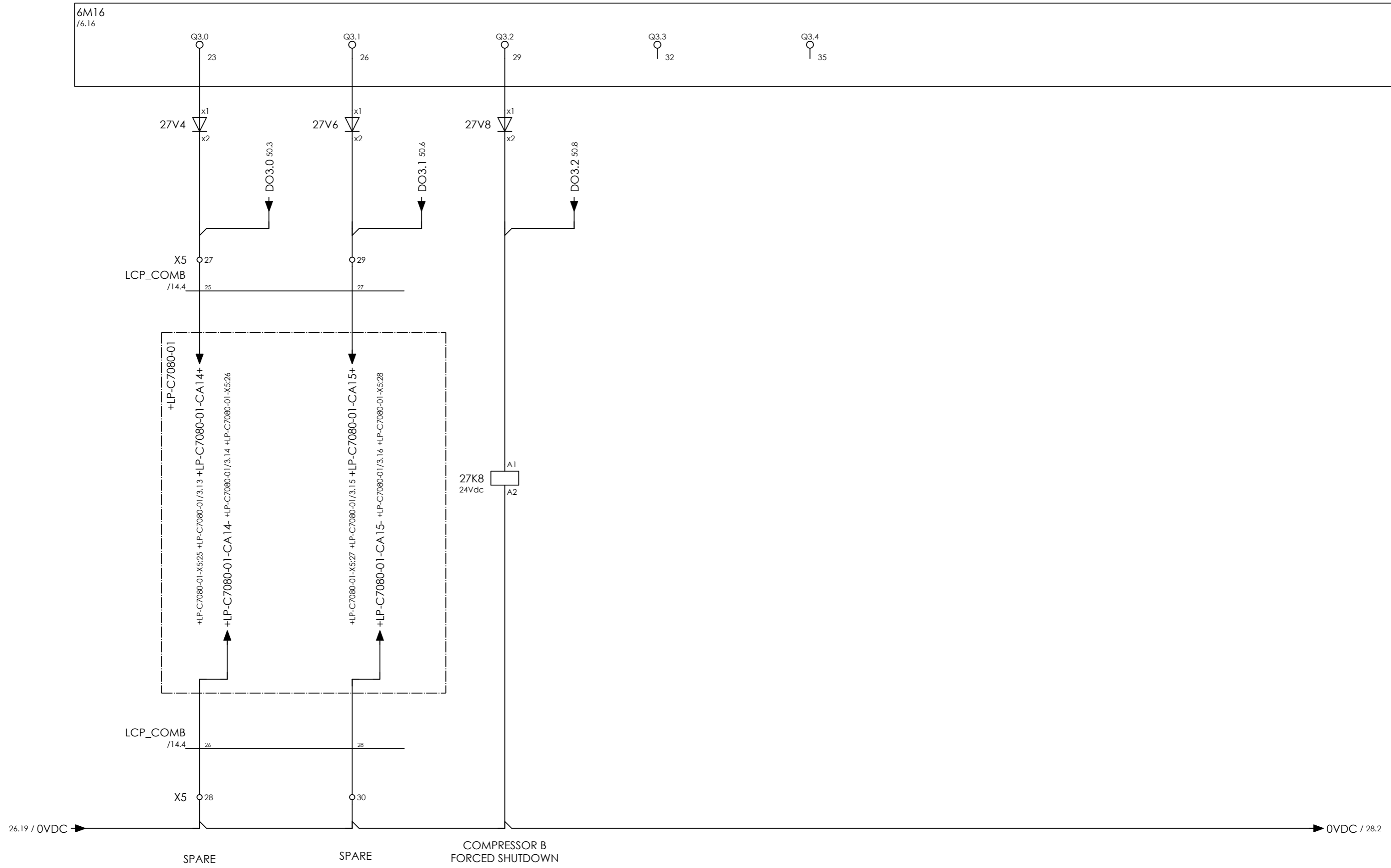
24.19 / 0.1VDC →

COMPRESSOR B OPERATIONAL XL-71106 COMPRESSOR B RUNNING XL-71107 COMPRESSOR B COMMON ALARM XL-71108 COMPRESSOR B COMMON TRIP XL-71109 COMPRESSOR B HOURMETER HM-71101



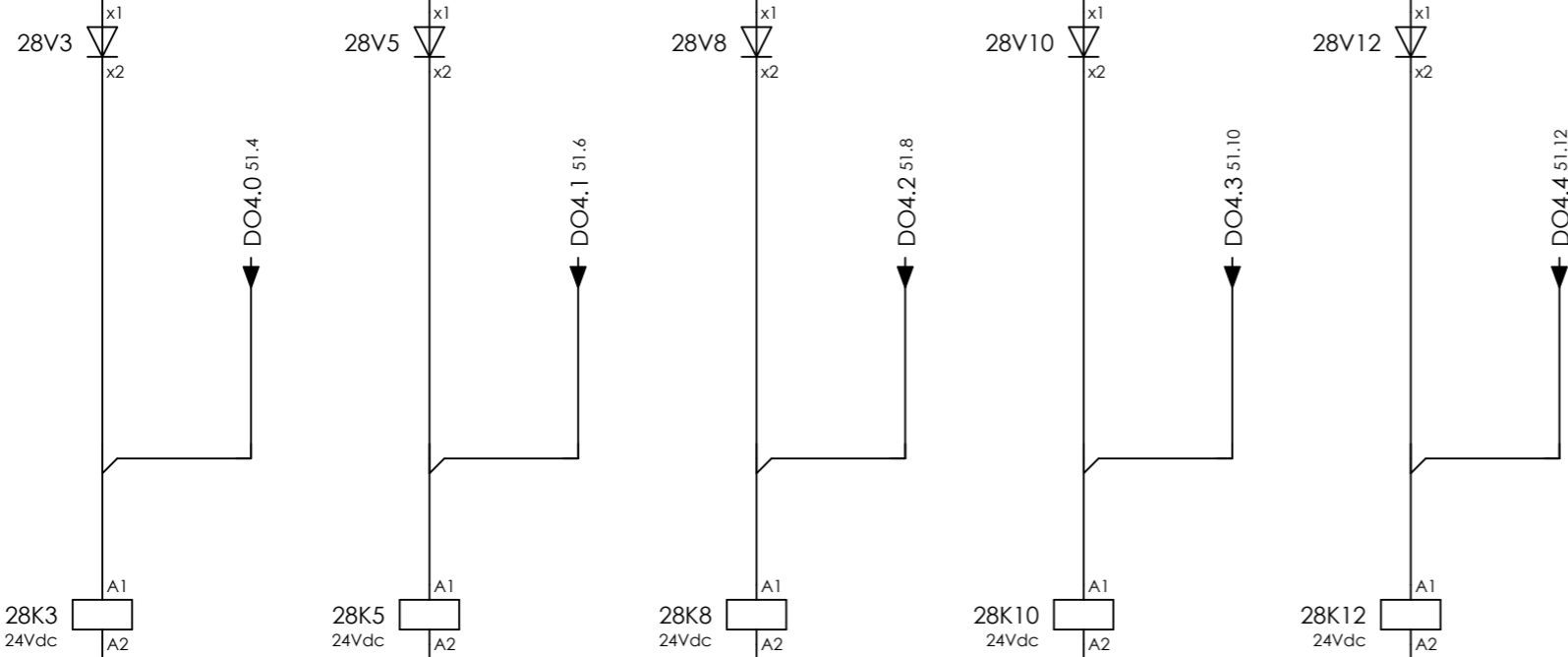
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EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	04	LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT	Bushehr Petrochemical Company (BUPC)	AIRPACK DWG NO.	17811-05B	
		CLIENT REF.	Bushehr MEG Plant Project	REVISION	03	
		AIRPACK REF.	17811-05B	TOTAL PAGE AMOUNT	36	





CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT		DRAWN BY	MaGo	= 20-C-7080
DIGITAL OUTPUTS I [6M16]		CHECKED BY	RBE	+ UCP-C7080-01
ADAPTED TO P&ID REVISION	04	LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
CLIENT	Bushehr Petrochemical Company (BUPC)	AIRPACK DWG NO.	17811-05B	
CLIENT REF.	Bushehr MEG Plant Project	REVISION	03	
AIRPACK REF.	17811-05B	TOTAL PAGE AMOUNT	38	



27.19 / 0VDC → 0VDC / 29.2

COMPRESSOR B INLET SOLENOID VALVE XY-71101
 COMPRESSOR B COOLING WATER INLET SOLENOID VALVE XY-71102
 SPARE
 SPARE
 PID CONTROL ACTIVE

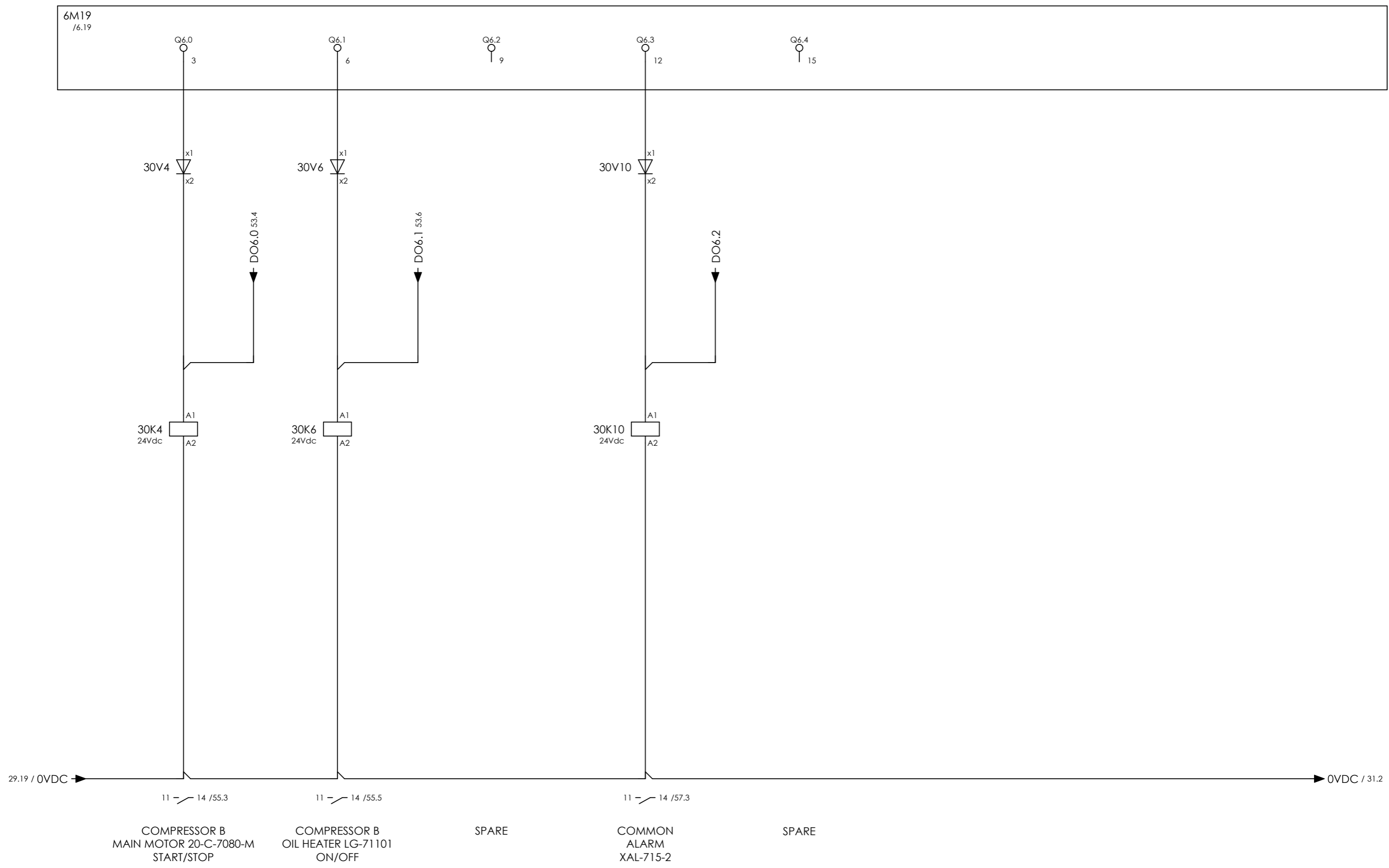


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore

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SUBJECT DIGITAL OUTPUTS I [6M18]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo	= 20-C-7080
CHECKED BY	RBE	+ UCP-C7080-01
LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
AIRPACK DWG NO.	17811-05B	
REVISION	03	
TOTAL PAGE AMOUNT	39	



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT DIGITAL OUTPUTS I [6M19]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	41

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6M19
/6.19

Q7.0
23

Q7.1
26

Q7.2
29

Q7.3
32

Q7.4
35

30.19 / OVDC → → OVDC / 56.2

SPARE

SPARE

SPARE

SPARE

SPARE



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT	
DIGITAL OUTPUTS I [6M19]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo	= 20-C-7080
CHECKED BY	RBE	+ UCP-C7080-01
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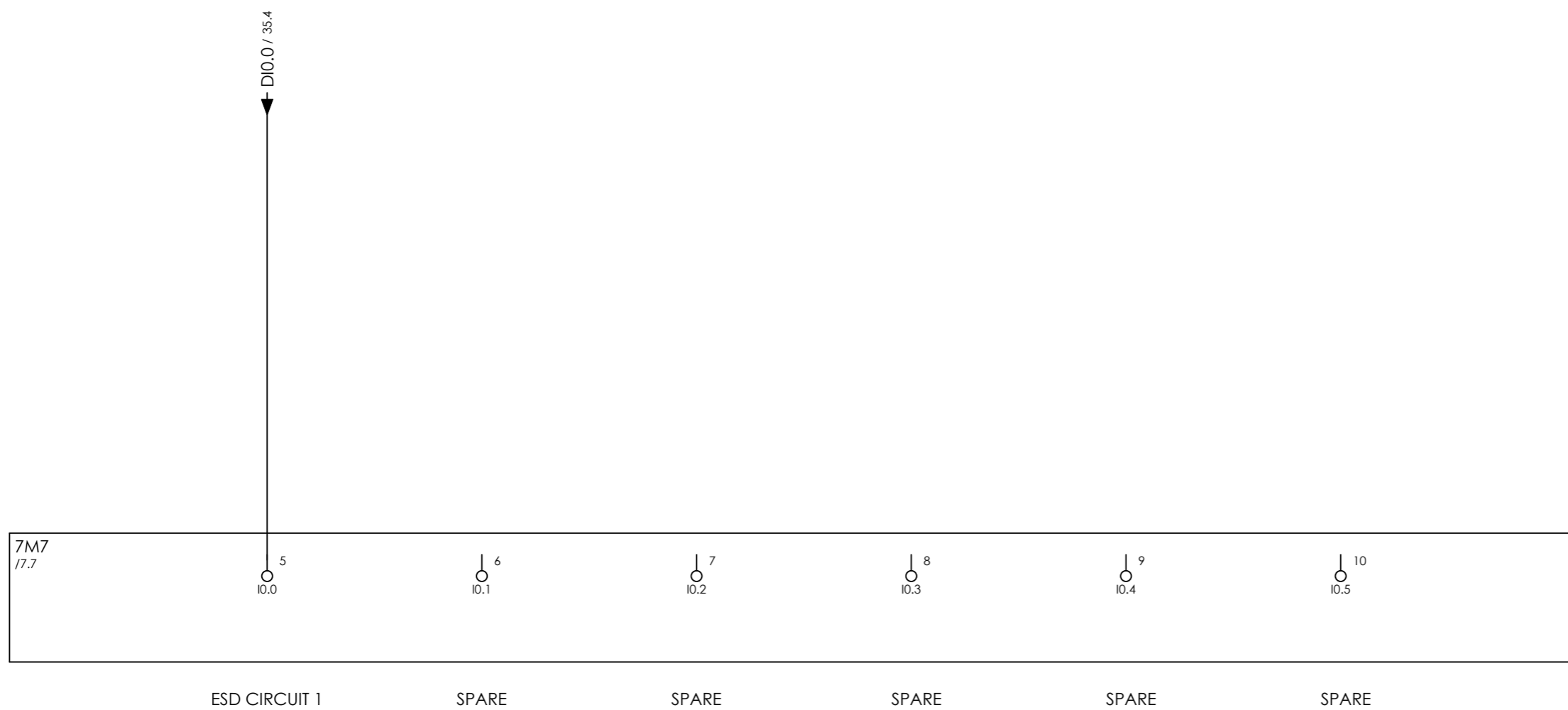


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT EMPTY PAGE	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

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CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
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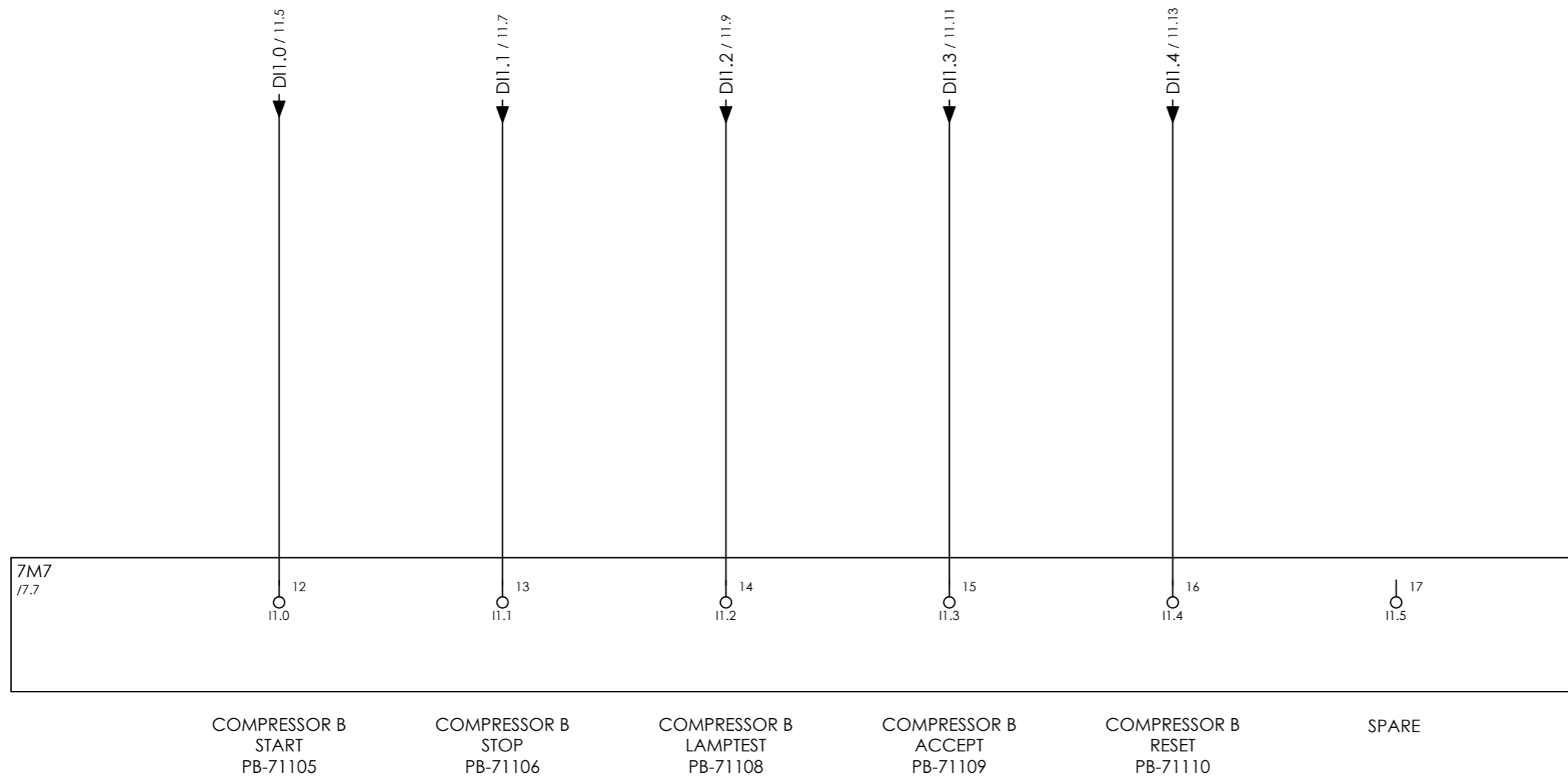


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore

SUBJECT DIGITAL INPUTS II [7M7]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
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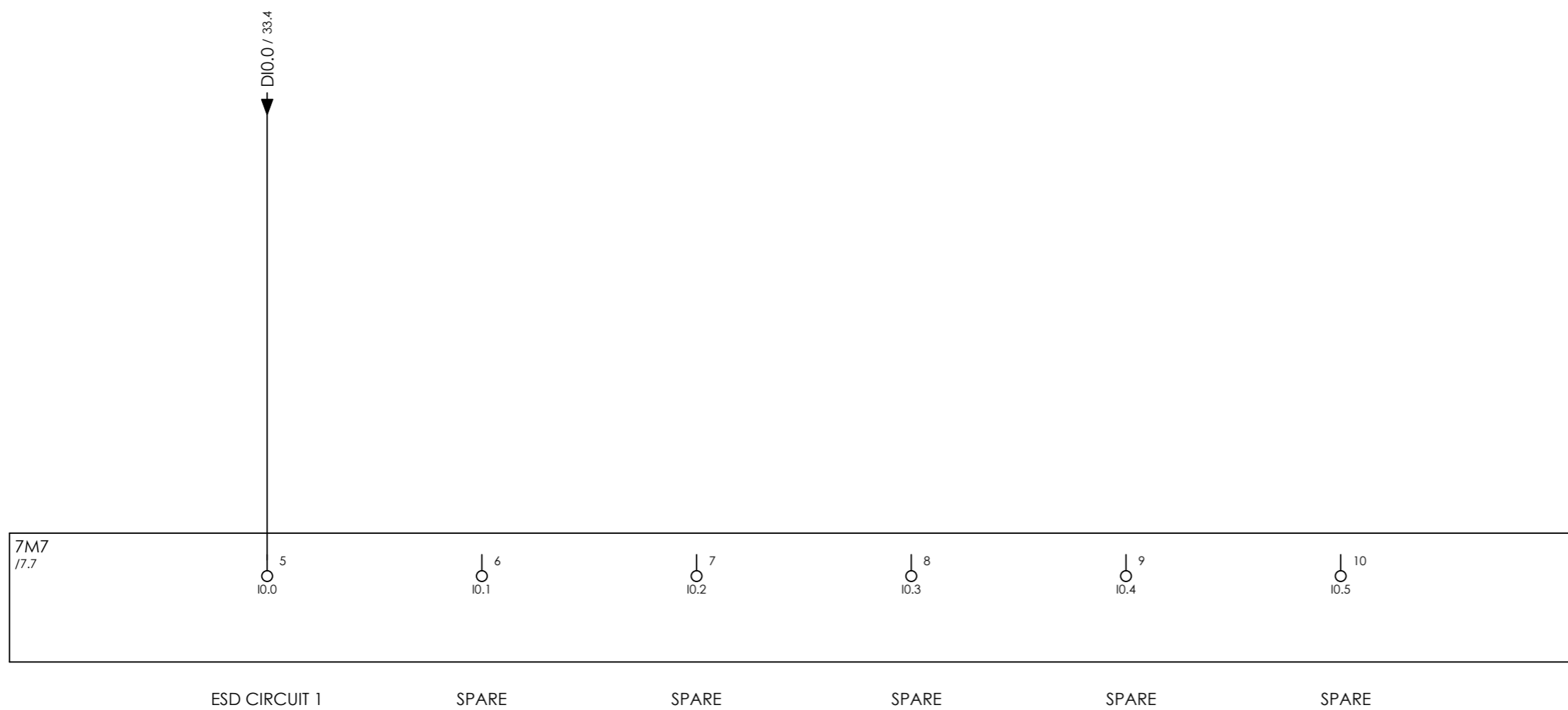


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT DIGITAL INPUTS II [7M7]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

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CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
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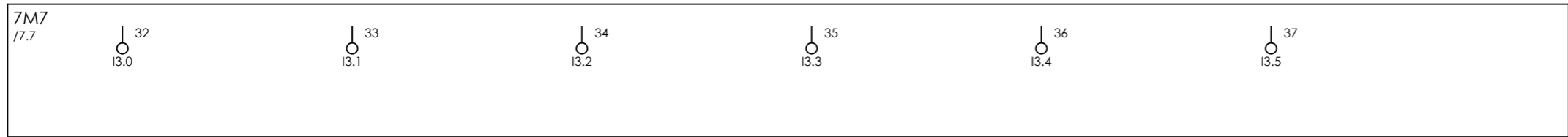


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore

SUBJECT DIGITAL INPUTS II [7M7]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

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CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
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SPARE

SPARE

SPARE

SPARE

SPARE

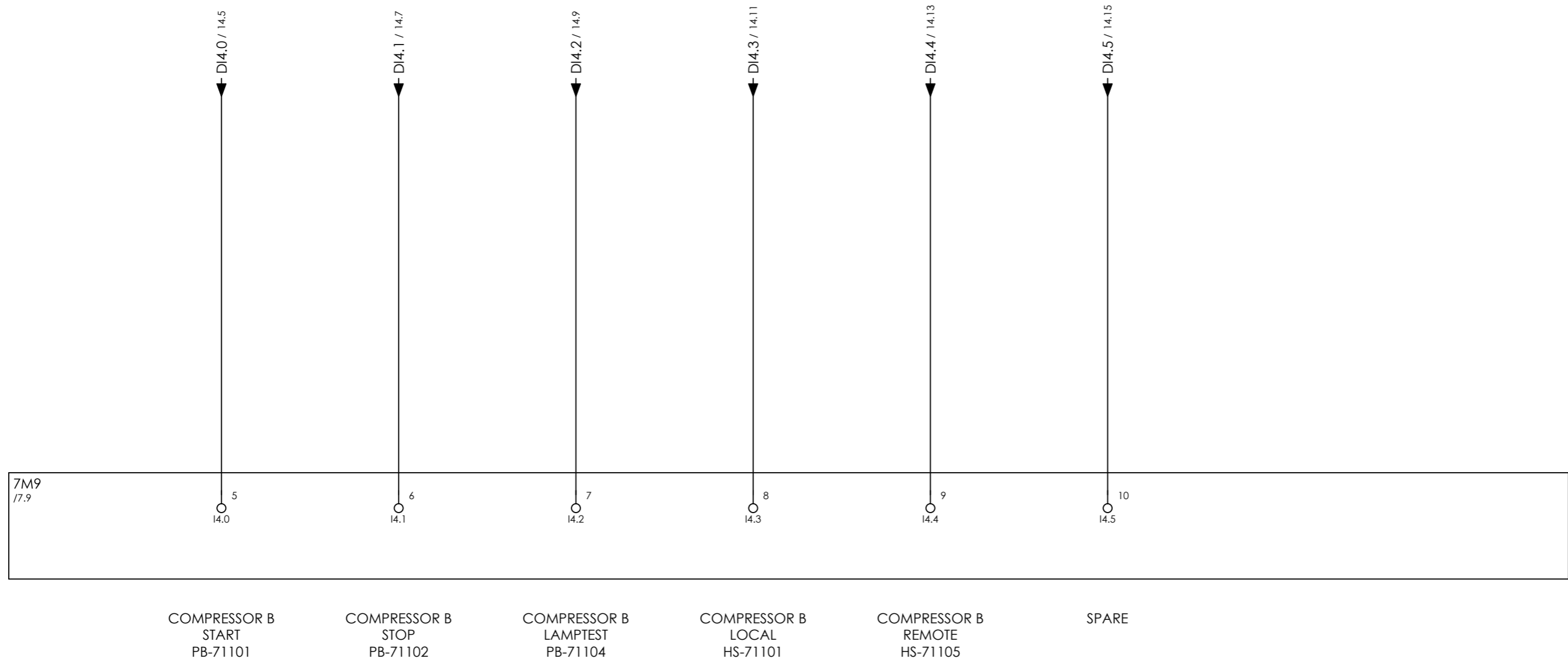


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EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT	
DIGITAL INPUTS II [7M7]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
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LAST MODIFICATION DATE	25-5-2022
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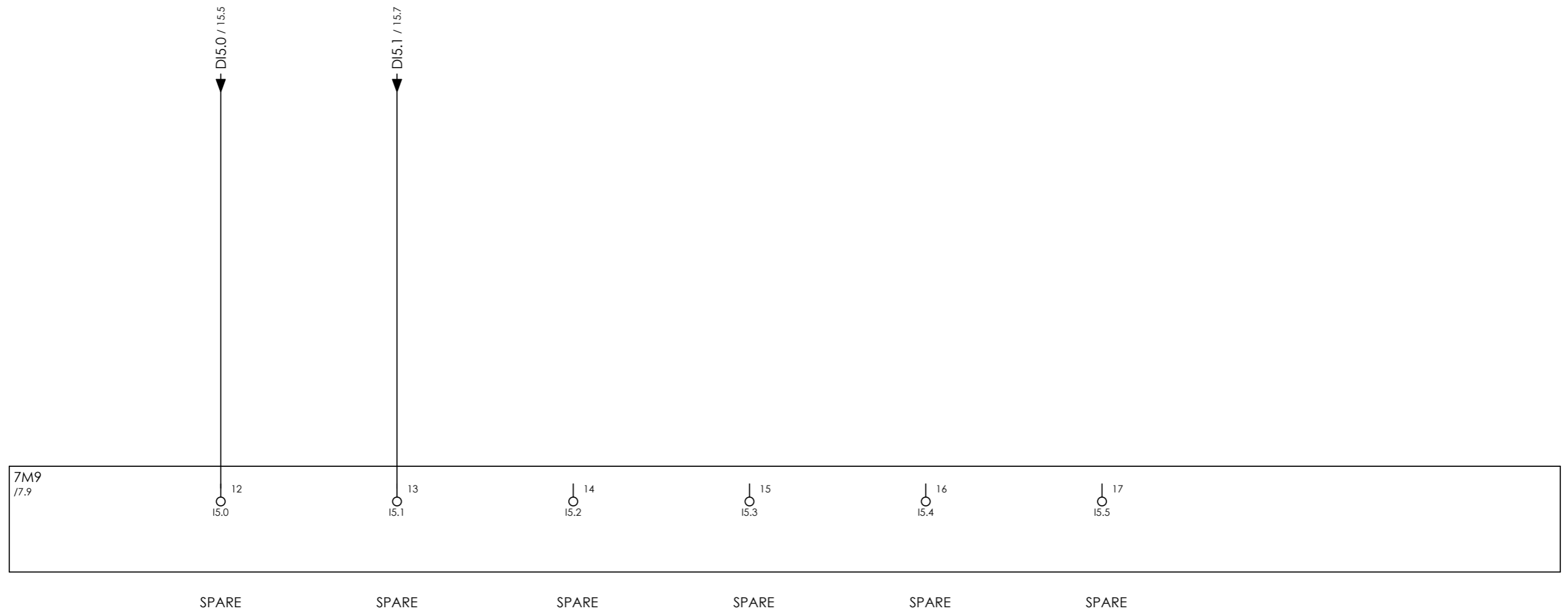


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EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT DIGITAL INPUTS II [7M9]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
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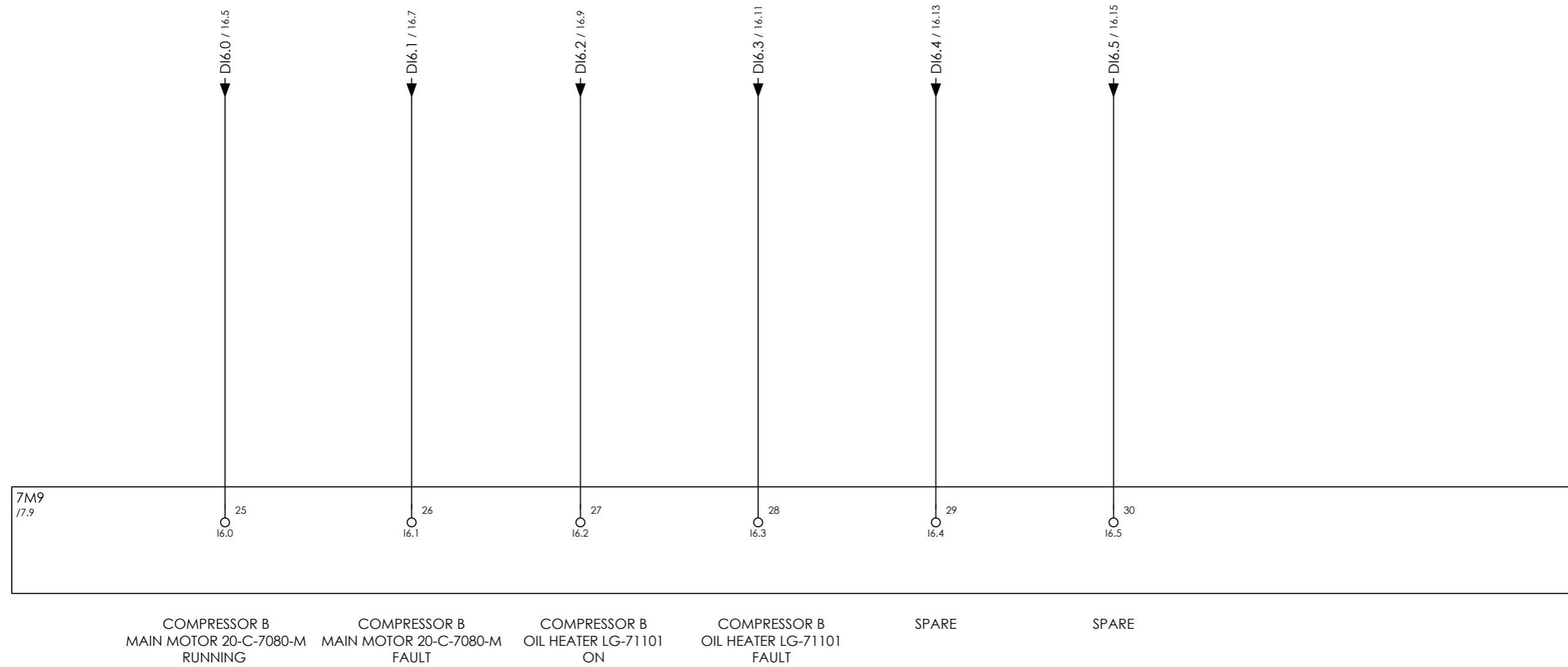


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EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT DIGITAL INPUTS II [7M9]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
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LAST MODIFICATION DATE	25-5-2022
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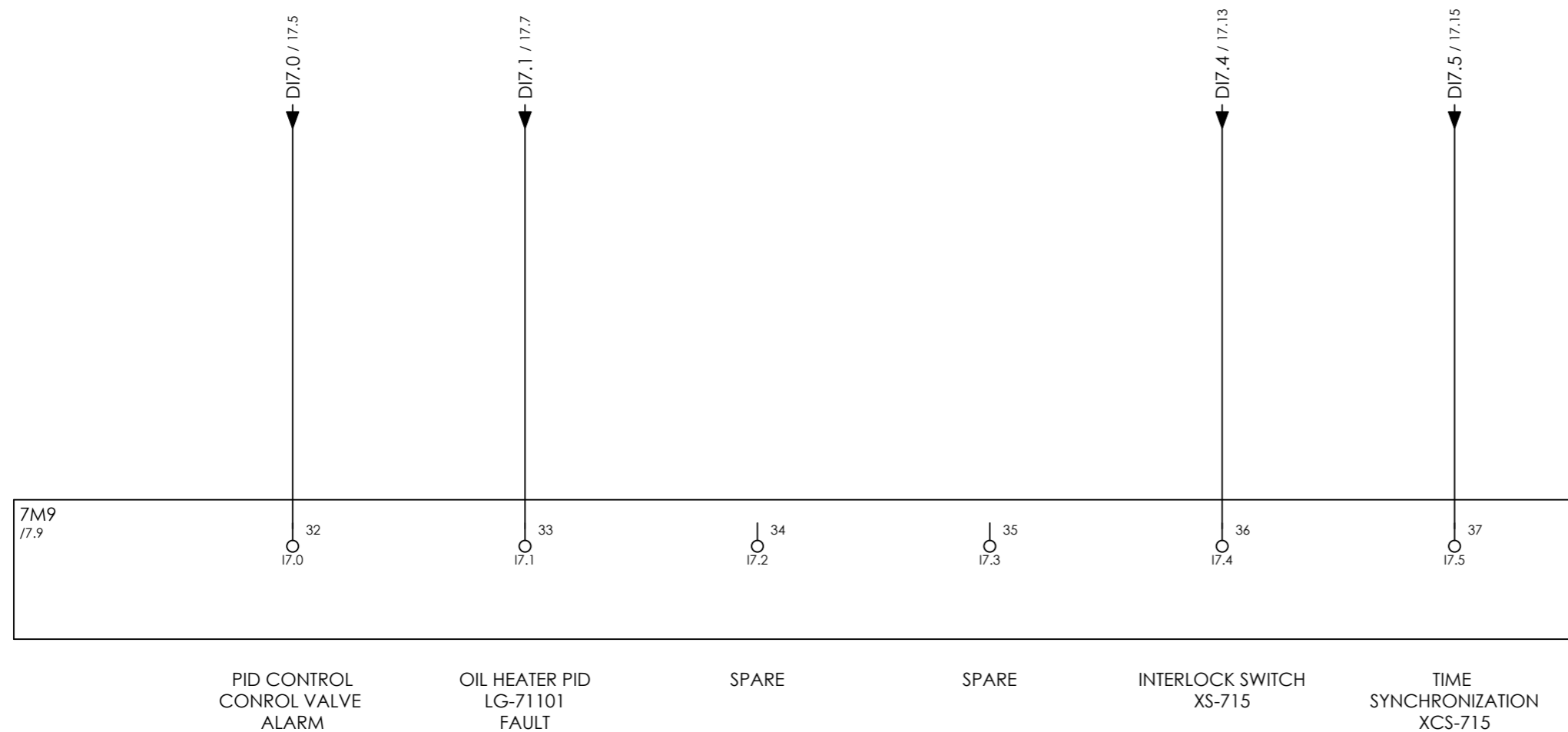
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EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT DIGITAL INPUTS II [7M9]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
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17.19 / 24VDC → 24VDC / 56.2

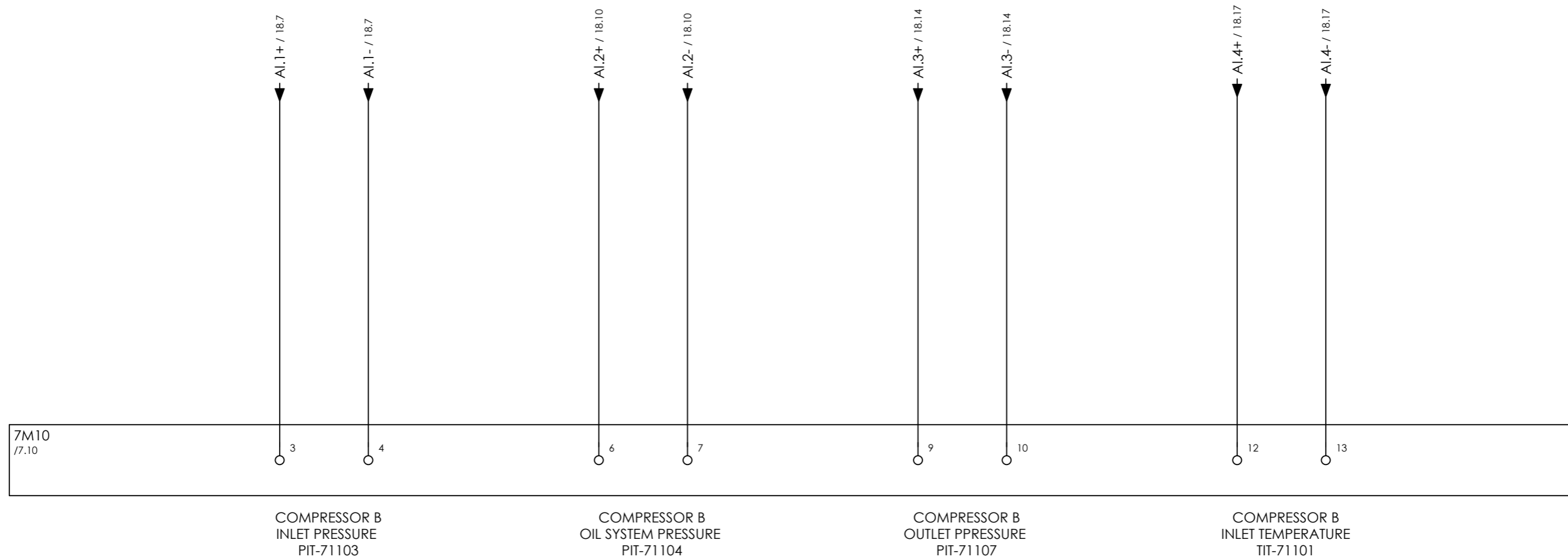


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore

SUBJECT DIGITAL INPUTS II [7M9]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
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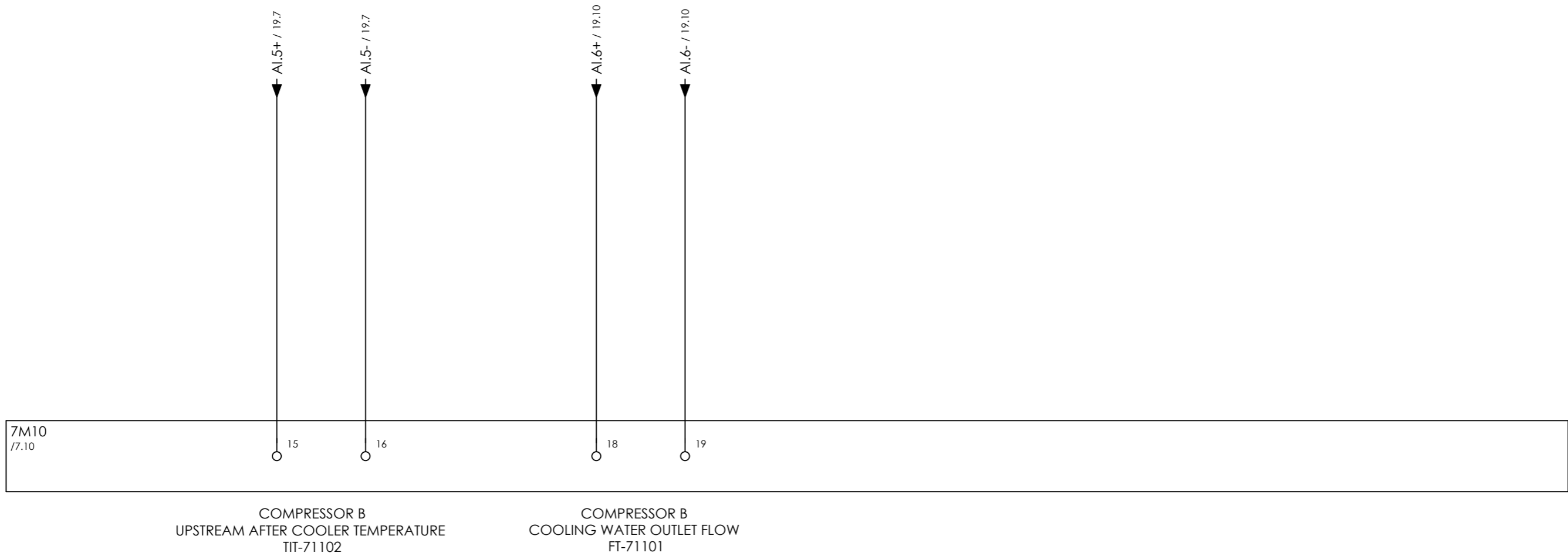


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT ANALOG INPUTS II [7M10]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	52

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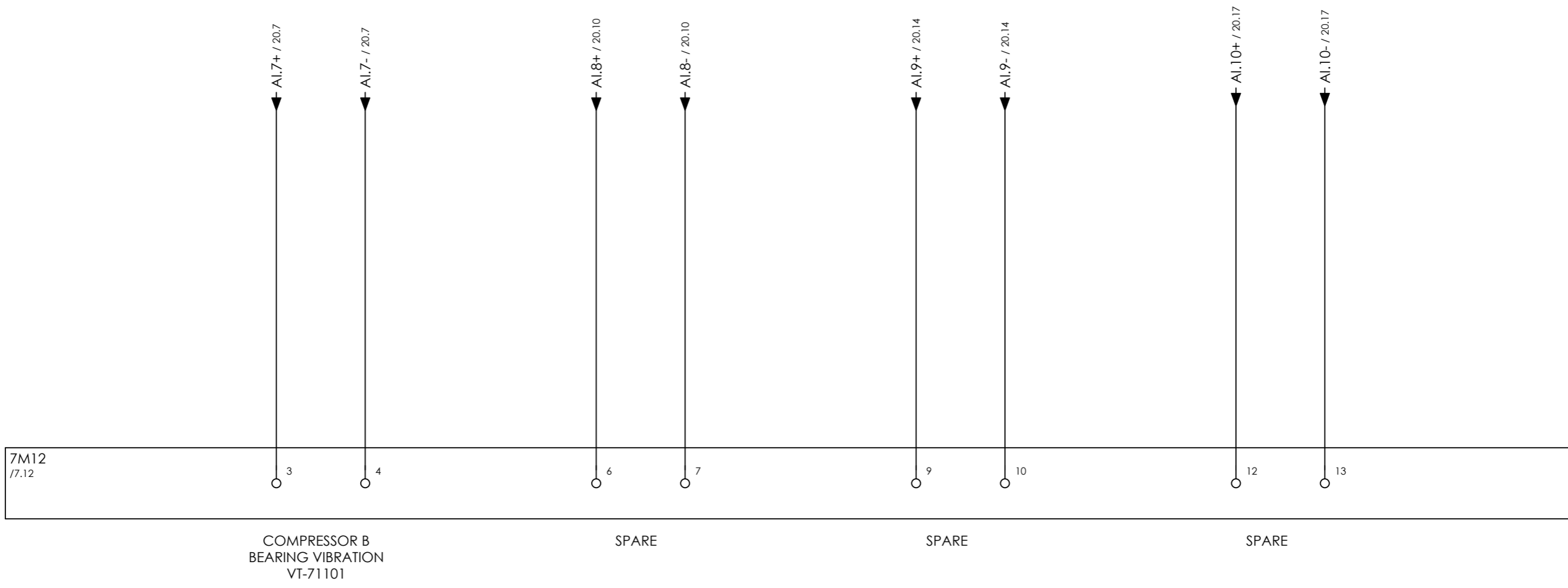


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT ANALOG INPUTS II [7M10]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	53

= 20-C-7080
+ UCP-C7080-01
CURRENT PAGE



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT ANALOG INPUTS II [7M12]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	54

= 20-C-7080
+ UCP-C7080-01
CURRENT PAGE



SPARE

SPARE



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT	
ANALOG INPUTS II [7M12]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	55

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+ UCP-C7080-01
CURRENT PAGE



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT ANALOG INPUTS II [7M14]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	56

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+ UCP-C7080-01
CURRENT PAGE



SPARE

SPARE



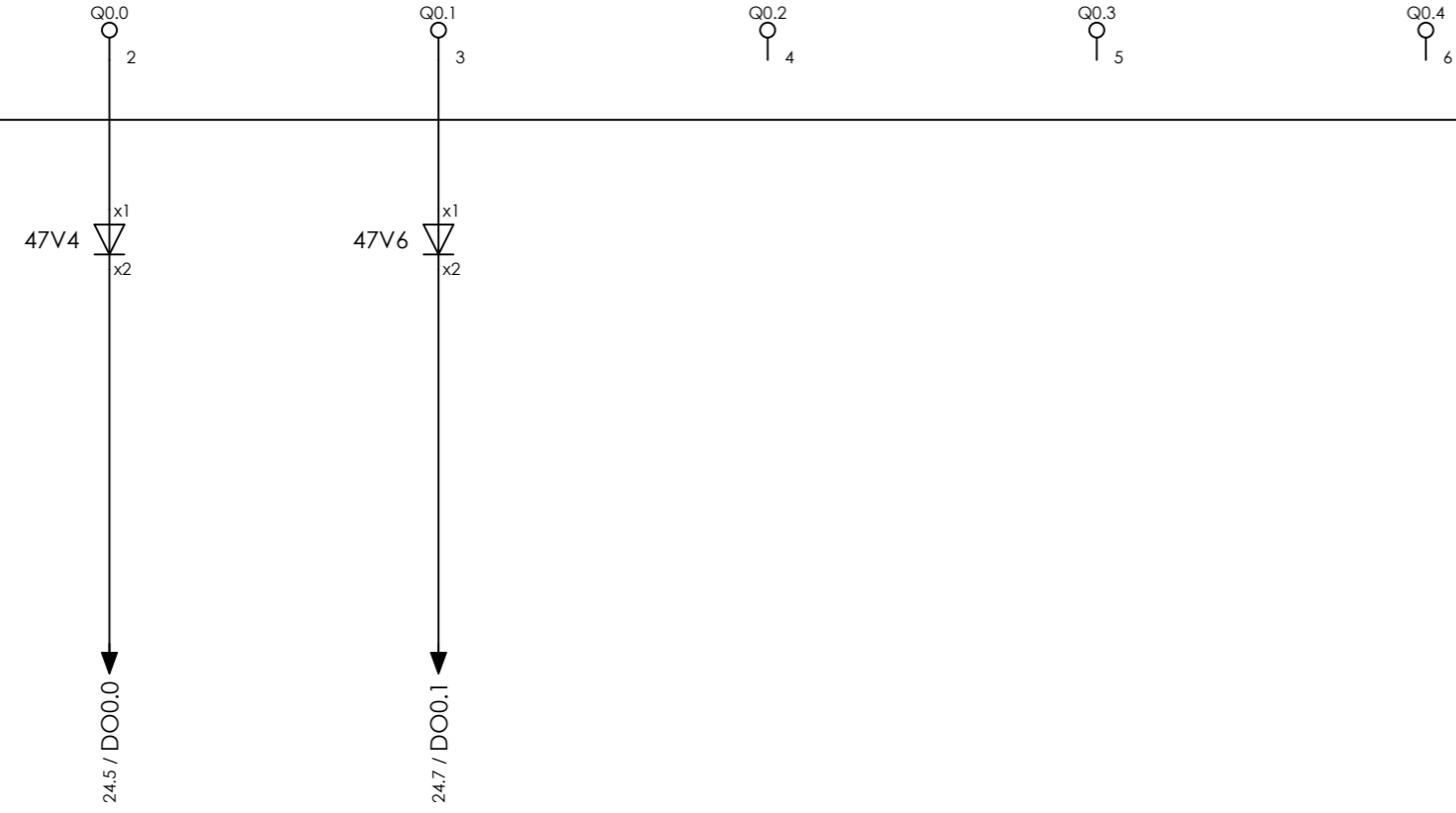
CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT	
ANALOG INPUTS II [7M14]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	57

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+ UCP-C7080-01
CURRENT PAGE

7M15
/7.15



ESD RELAY 01

ESD RELAY 02

SPARE

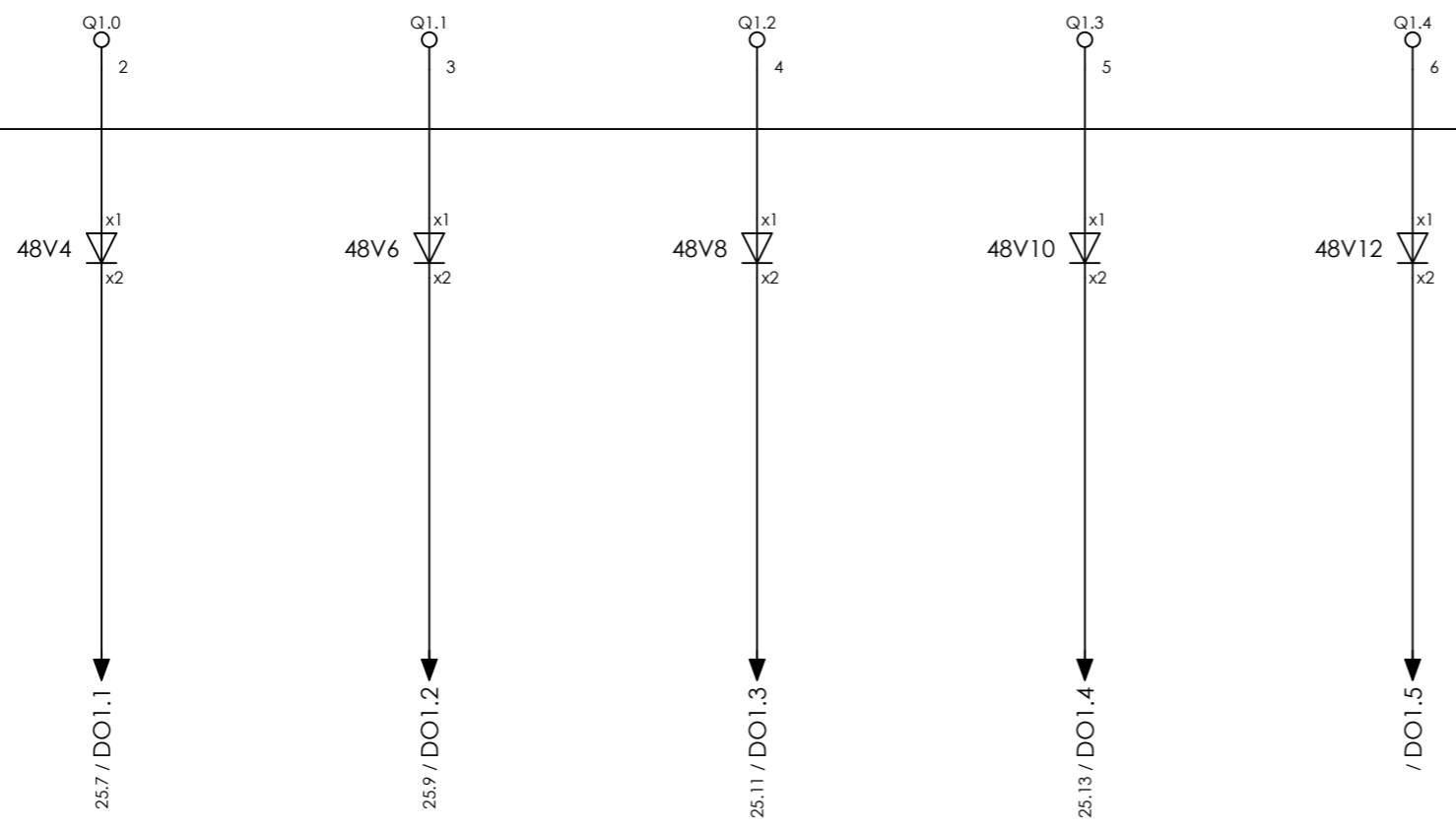
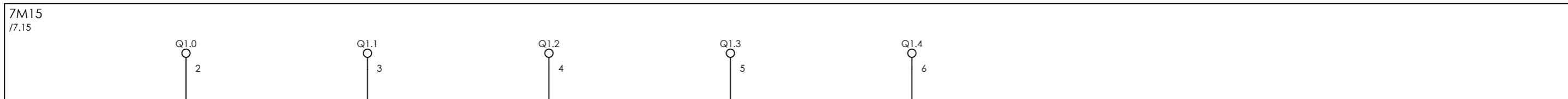
SPARE

SPARE



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!	

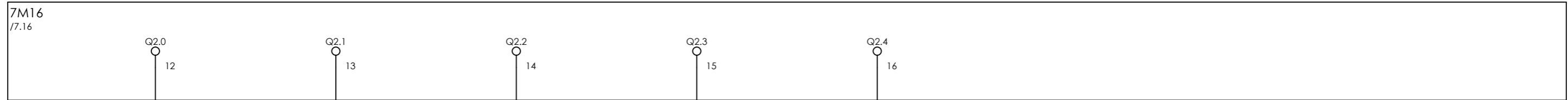
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DIGITAL OUTPUTS II [7M15]		CHECKED BY	RBE	+ UCP-C7080-01
ADAPTED TO P&ID REVISION	04	LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
CLIENT	Bushehr Petrochemical Company (BUPC)	AIRPACK DWG NO.	17811-05B	
CLIENT REF.	Bushehr MEG Plant Project	REVISION	03	
AIRPACK REF.	17811-05B	TOTAL PAGE AMOUNT	58	



COMPRESSOR B OPERATIONAL XL-71106 COMPRESSOR B RUNNING XL-71107 COMPRESSOR B COMMON ALARM XL-71108 COMPRESSOR B COMMON TRIP XL-71109 COMPRESSOR B HOURMETER HM-71101



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093	SUBJECT		DRAWN BY	MaGo	= 20-C-7080
EQUIPMENT NO.	20-C-7080	DIGITAL OUTPUTS II [7M15]		CHECKED BY	RBE	+ UCP-C7080-01
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	04	LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT	Bushehr Petrochemical Company (BUPC)	AIRPACK DWG NO.	17811-05B	
		CLIENT REF.	Bushehr MEG Plant Project	REVISION	03	
		AIRPACK REF.	17811-05B	TOTAL PAGE AMOUNT	59	



COMPRESSOR B
OPERATIONAL
XL-71101

COMPRESSOR B
RUNNING
XL-71102

COMPRESSOR B
COMMON ALARM
XL-71103

COMPRESSOR B
COMMON TRIP
XL-71104

SPARE



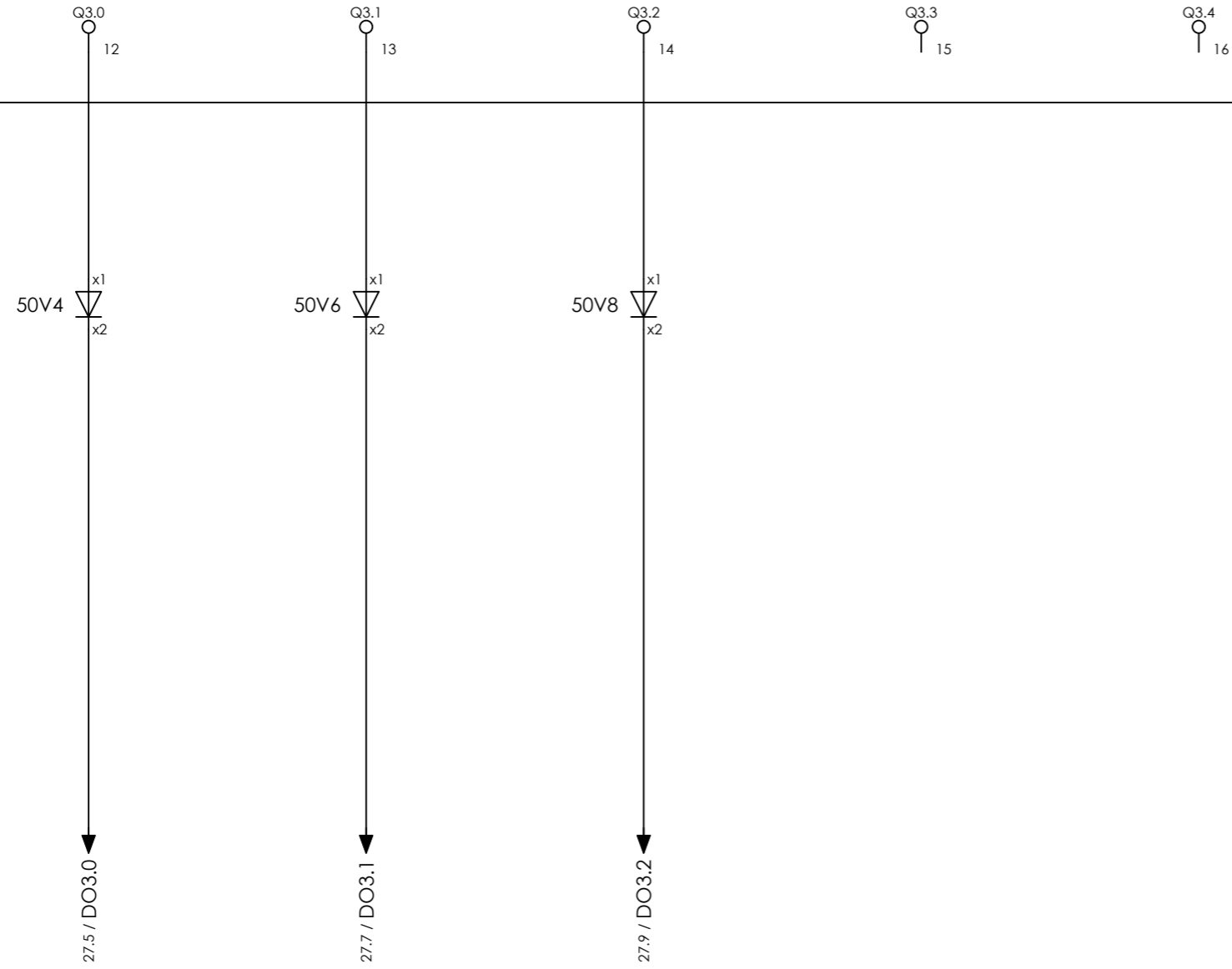
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EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!	

SUBJECT DIGITAL OUTPUTS II [7M16]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	60

= 20-C-7080
+ UCP-C7080-01
CURRENT PAGE

7M16
/7.16



SPARE

SPARE

COMPRESSOR B
FORCED SHUTDOWN

SPARE

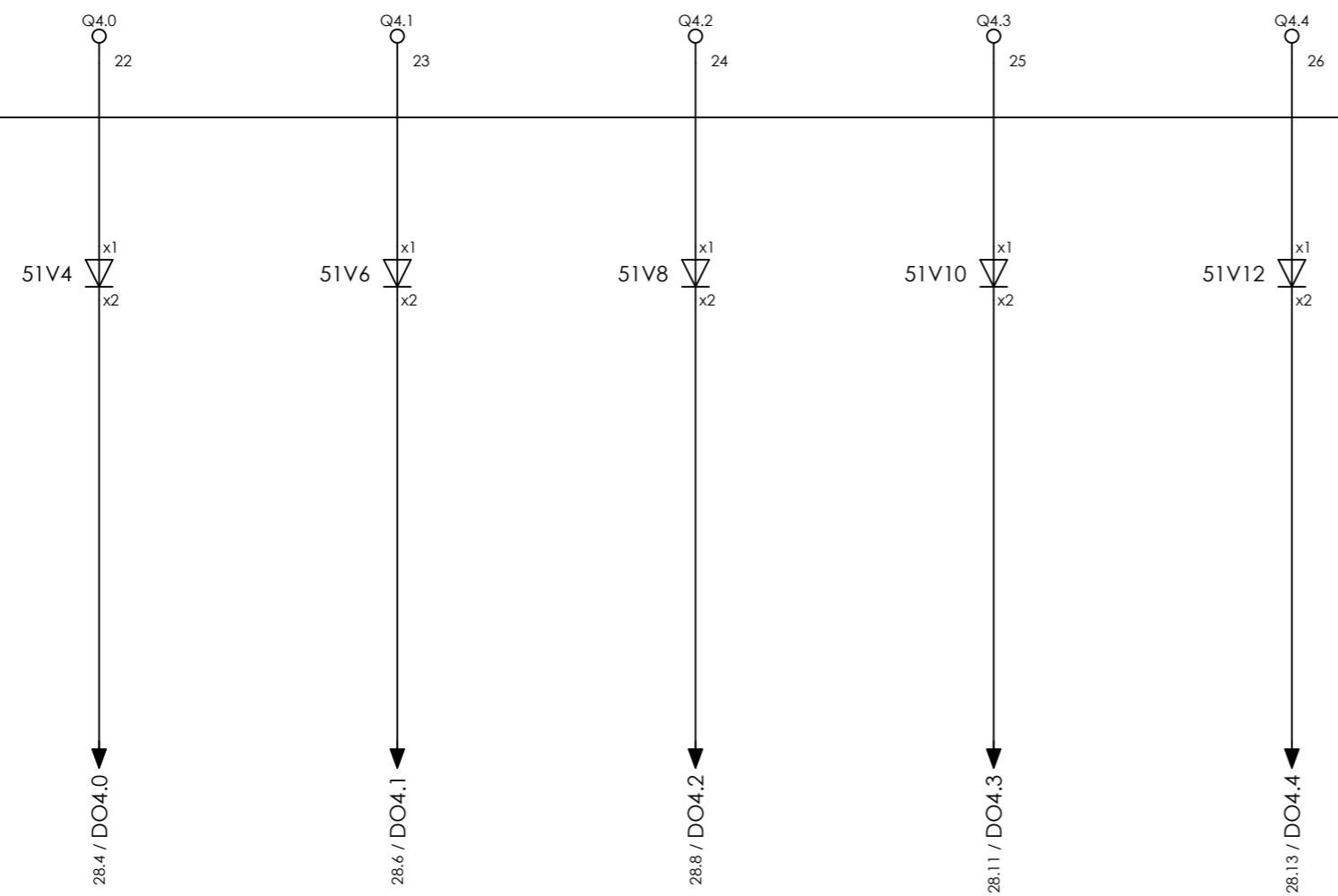
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CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!	

SUBJECT DIGITAL OUTPUTS II [7M16]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo	= 20-C-7080
CHECKED BY	RBE	+ UCP-C7080-01
LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
AIRPACK DWG NO.	17811-05B	
REVISION	03	
TOTAL PAGE AMOUNT	61	



COMPRESSOR B INLET SOLENOID VALVE XY-71101 COMPRESSOR B COOLING WATER INLET SOLENOID VALVE XY-71102 SPARE SPARE PID CONTROL ACTIVE



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT DIGITAL OUTPUTS II [7M18]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	62

= 20-C-7080
+ UCP-C7080-01
CURRENT PAGE

7M18
/7.18

Q5.0
| 22

Q5.1
| 23

Q5.2
| 24

Q5.3
| 25

Q5.4
| 26

SPARE

SPARE

SPARE

SPARE

SPARE



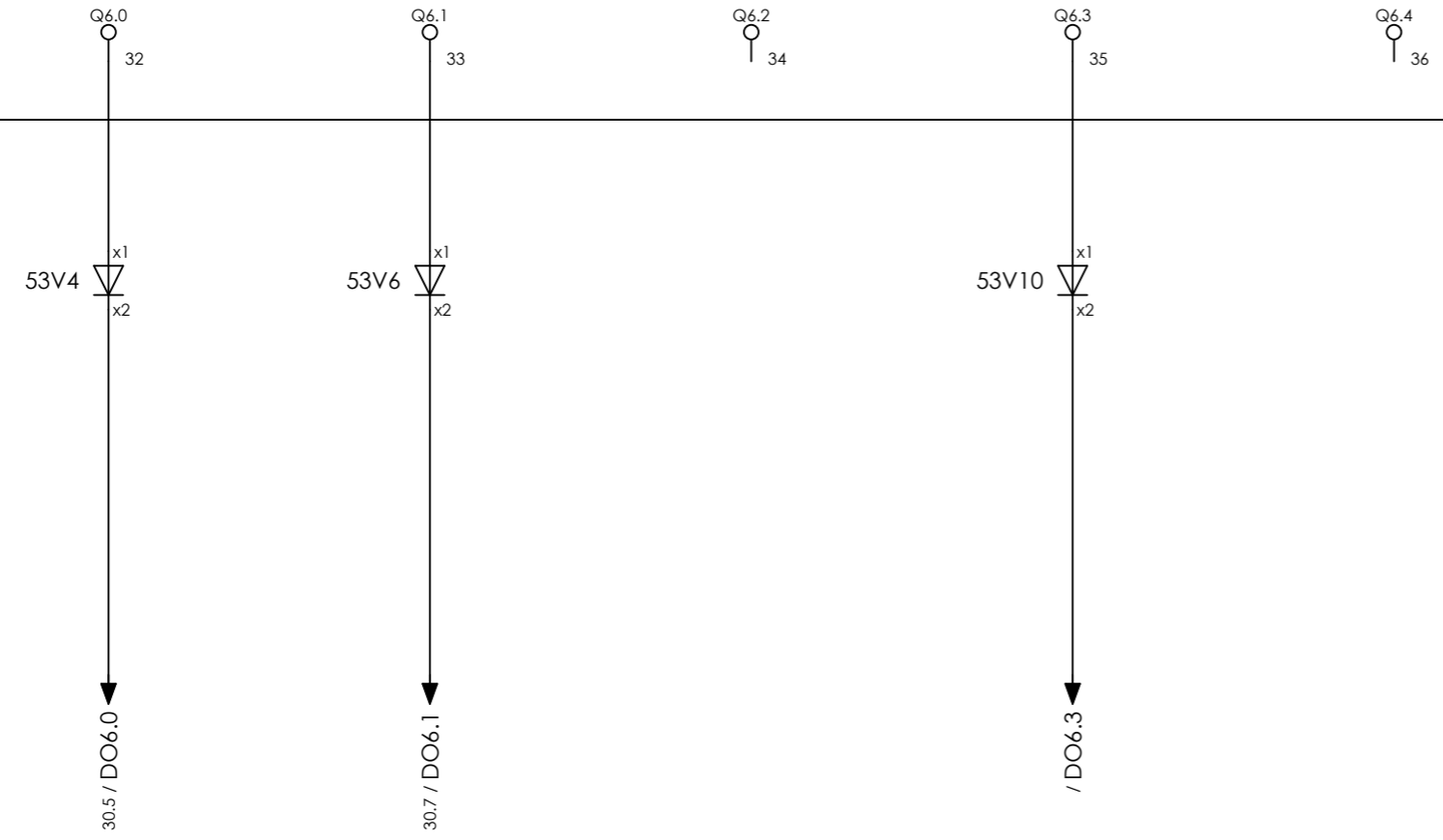
CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!	

SUBJECT	
DIGITAL OUTPUTS II [7M18]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	63

= 20-C-7080
+ UCP-C7080-01
CURRENT PAGE

7M19
/7.19



COMPRESSOR B
MAIN MOTOR 20-C-7080-M
START/STOP

COMPRESSOR B
OIL HEATER LG-71101
ON/OFF

SPARE

COMMON
ALARM
XAL-715-2

SPARE



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT DIGITAL OUTPUTS II [7M19]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	64

= 20-C-7080
+ UCP-C7080-01
CURRENT PAGE

7M19
/7.19

Q7.0
| 22

Q7.1
| 23

Q7.2
| 24

Q7.3
| 25

Q7.4
| 26

SPARE

SPARE

SPARE

SPARE

SPARE

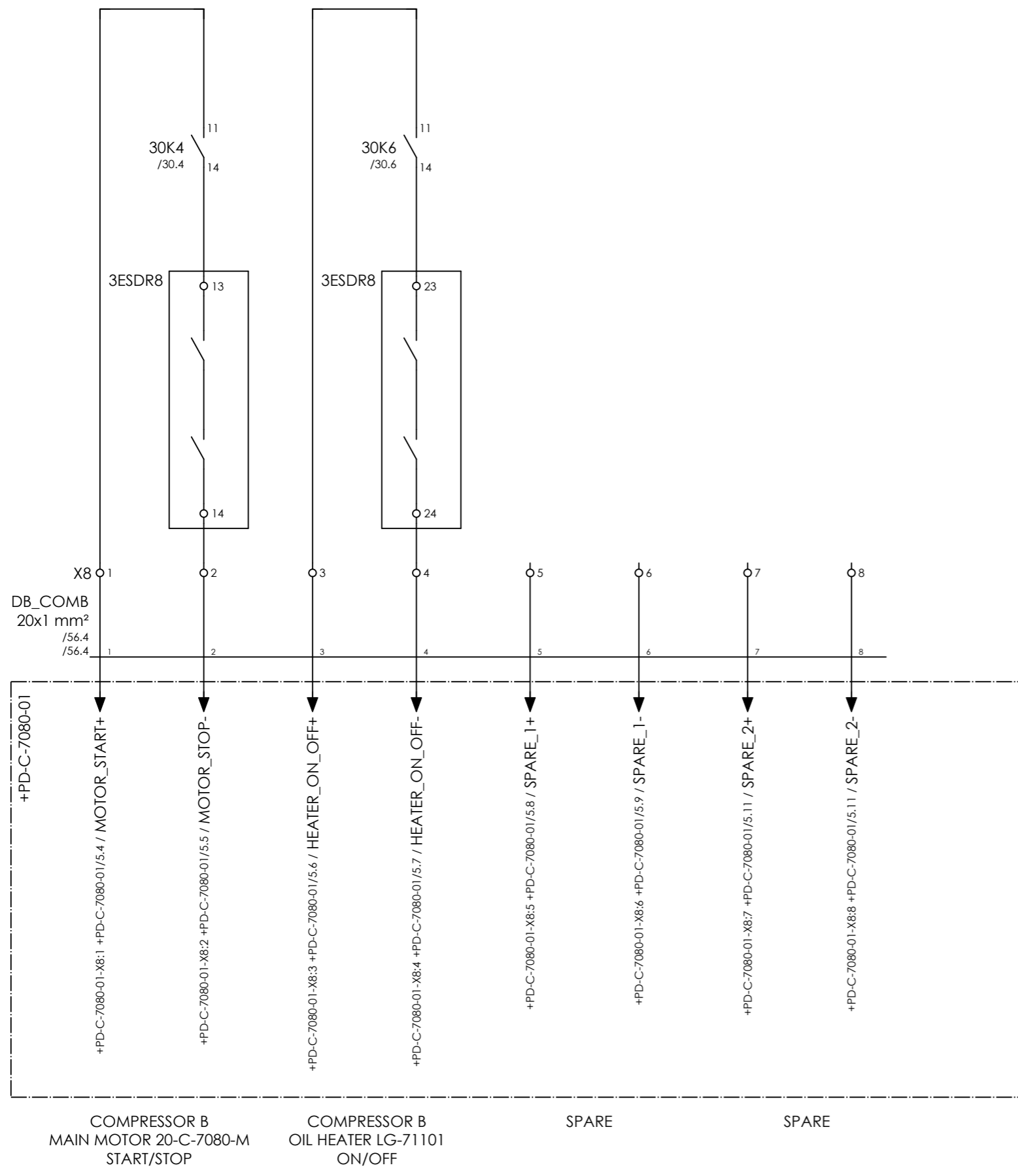


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!	

SUBJECT	
DIGITAL OUTPUTS II [7M19]	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	65

= 20-C-7080
+ UCP-C7080-01
CURRENT PAGE



COMPRESSOR B
MAIN MOTOR 20-C-7080-M
START/STOP

COMPRESSOR B
OIL HEATER LG-71101
ON/OFF

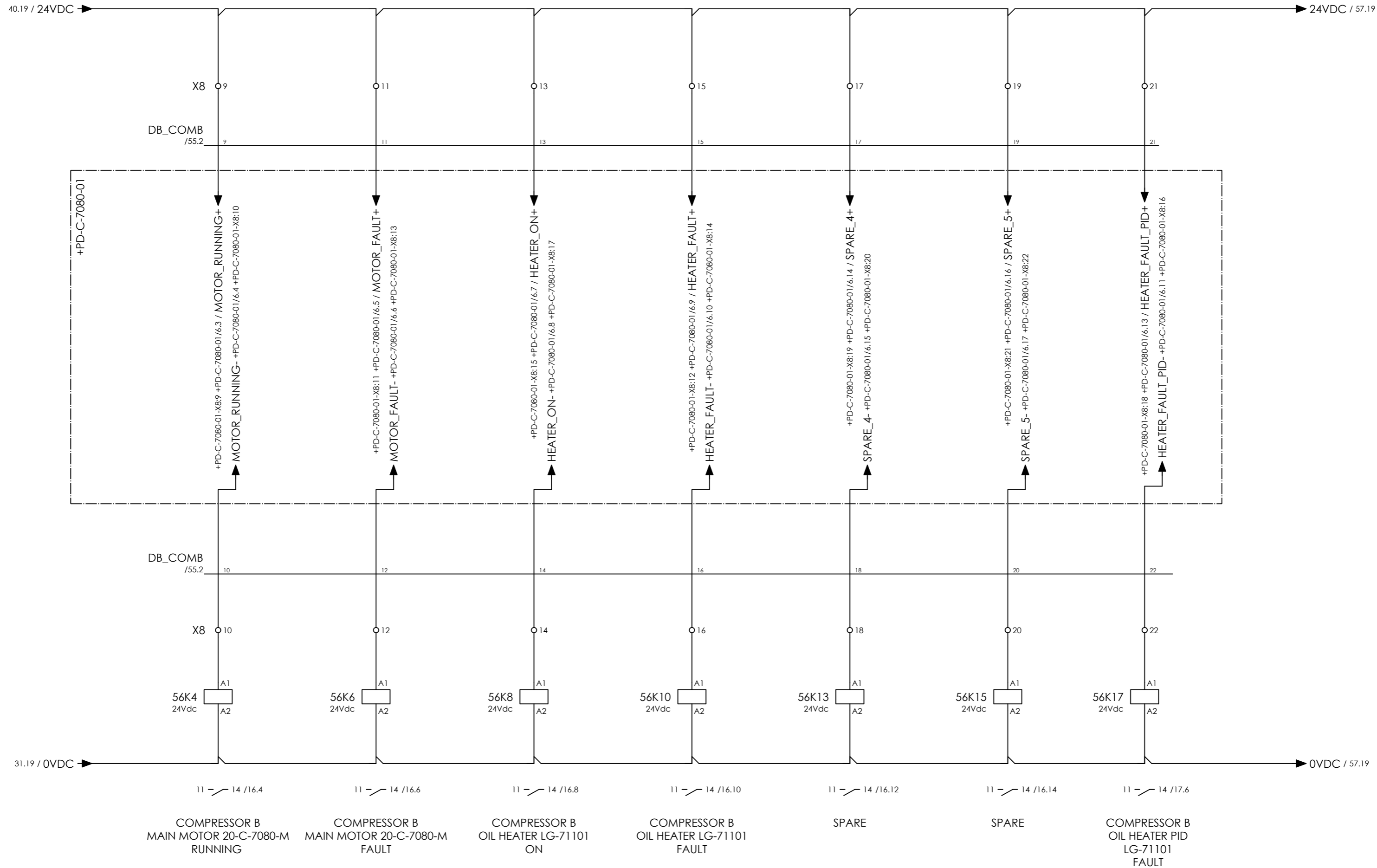
SPARE

SPARE



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!	

SUBJECT		DRAWN BY	MaGo	= 20-C-7080
SIGNALS TO DISTRIBUTION BOARD		CHECKED BY	RBE	+ UCP-C7080-01
ADAPTED TO P&ID REVISION	04	LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
CLIENT	Bushehr Petrochemical Company (BUPC)	AIRPACK DWG NO.	17811-05B	
CLIENT REF.	Bushehr MEG Plant Project	REVISION	03	
AIRPACK REF.	17811-05B	TOTAL PAGE AMOUNT	66	

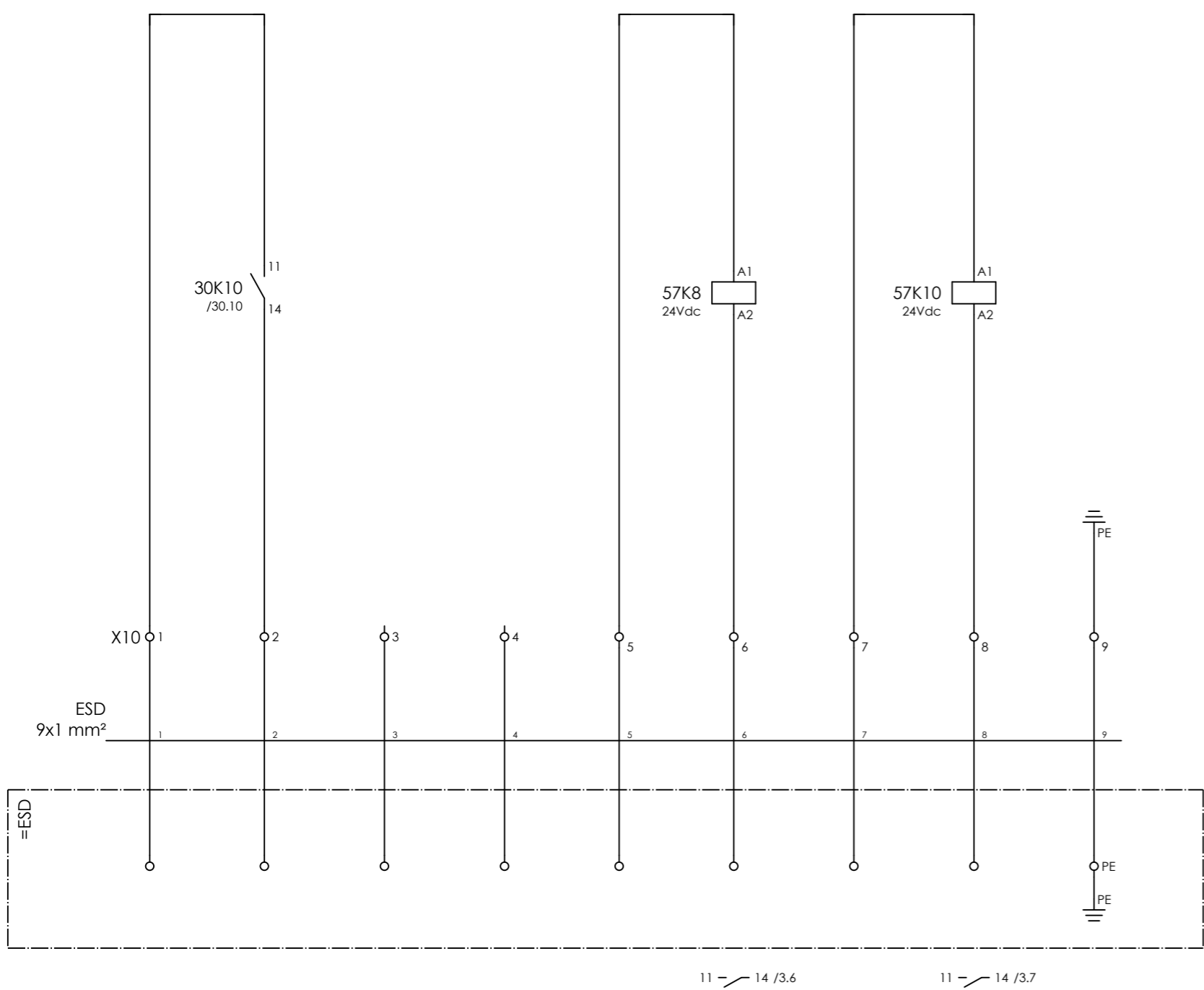


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore

SUBJECT SIGNALS FROM DISTRIBUTION BOARD	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	67

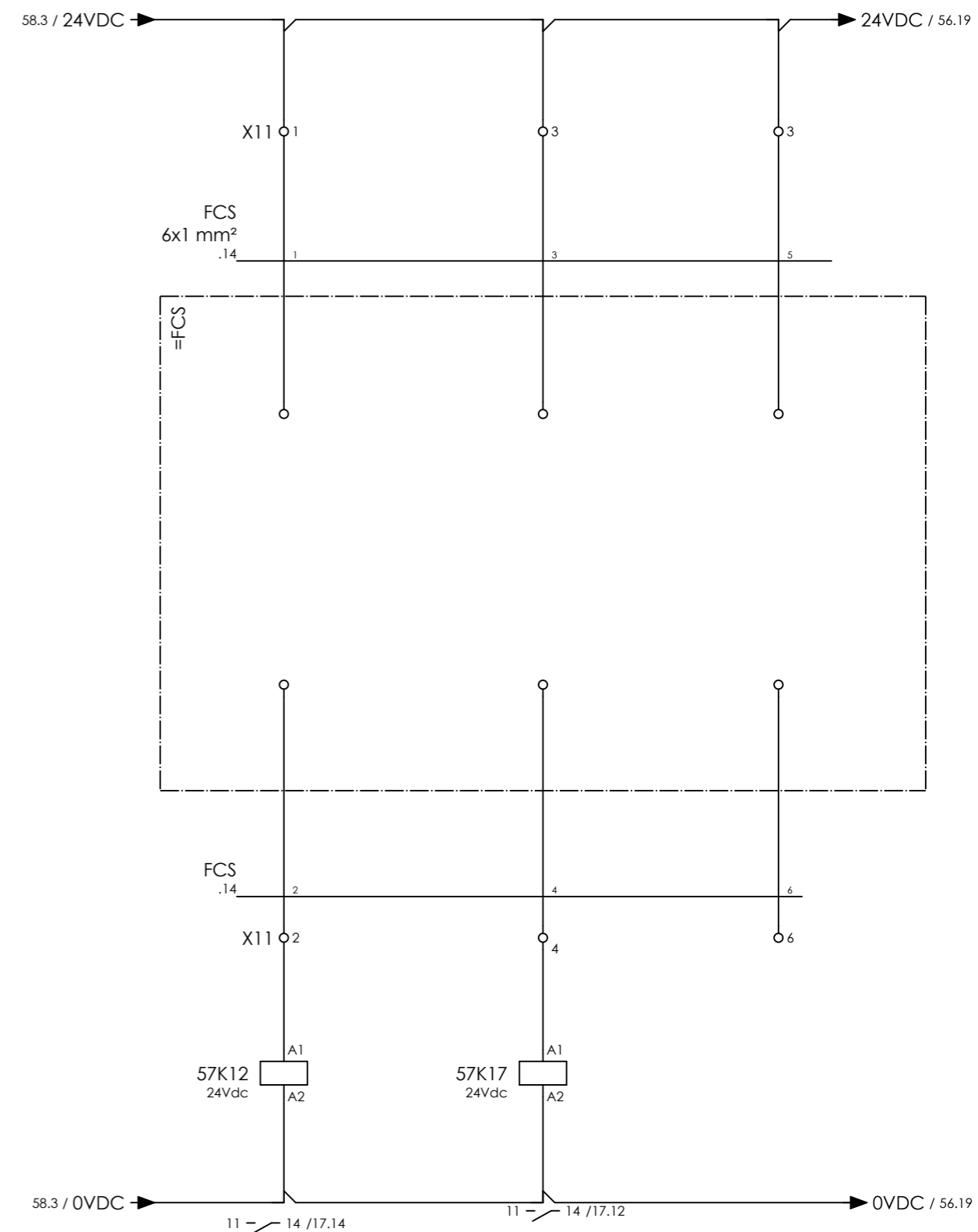
= 20-C-7080
+ UCP-C7080-01
CURRENT PAGE



COMMON
ALARM
XAL-715-2
TO CUSTOMER
ESD

SPARE

EMERGENCY
SHUTDOWN TRIP COMMAND
FROM CUSTOMER ESD
HS-715-SD-1



TIME
SYNCHRONIZATION
XCS-715
FROM
CUSTOMER FCS

INTERLOCK
SWITCH STOP
COMPRESSOR
FROM FCS
XS-715
FROM
CUSTOMER FCS

SPARE



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT SIGNALS TO / FROM ESD AND FROM FCS	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	68

= 20-C-7080
+ UCP-C7080-01
CURRENT PAGE

Terminal diagram

Cable name		Strip =20-C-7080+UCP-C7080-01-X1 SOLENOIDS										Cable name	
1	2	Terminal	Connection point	Target designation	Jumper	Target designation	Connection point	Terminal	Connection point	Target designation	Connection point	1	2
-SOL_COMB	5Px2.5 mm²	1+	1+	+JNDX-C7080-01-X1			1+	1+				1	2
		1-	1-	+JNDX-C7080-01-X1	•		1-	1-				3	4
		2+	2+	+JNDX-C7080-01-X1	•		2+	2+				5	6
		2-	2-	+JNDX-C7080-01-X1	•		2-	2-				7	8
		3+	3+	+JNDX-C7080-01-X1	•		3+	3+				9	10
		3-	3-	+JNDX-C7080-01-X1	•		3-	3-					
		4+	4+	+JNDX-C7080-01-X1	•		4+	4+					
		4-	4-	+JNDX-C7080-01-X1	•		4-	4-					
		5+	5+	+JNDX-C7080-01-X1			5+	5+					
		5-	5-	+JNDX-C7080-01-X1			5-	5-					



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CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093	SUBJECT	Terminal diagram =20-C-7080+UCP-C7080-01-X1
EQUIPMENT NO.	20-C-7080	ADAPTED TO P&ID REVISION	04
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Bushehr Petrochemical Company (BUPC)
		CLIENT REF.	Bushehr MEG Plant Project
		AIRPACK REF.	17811-05B

DRAWN BY	MaGo	= 20-C-7080
CHECKED BY	RBE	+ UCP-C7080-01
LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
AIRPACK DWG NO.	17811-05B	
REVISION	03	
TOTAL PAGE AMOUNT	71	

Terminal diagram

Cable name		Strip =20-C-7080+UCP-C7080-01-X2 ANALOGUE INPUTS										Cable name											
-TR_COMB	20Px0,75 mm²	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	-TR_COMB	20Px0,75 mm²
Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper
-9U4	1	1+	.	+JIAX-C7080-01-X2	1+	1+	.	-9U4	1	1+	.	-9U4	1	1+	.	-9U4	1	1+	.	-9U4	1	1+	.
-9U4	3	1-	.	+JIAX-C7080-01-X2	3	1-	.	-9U4	3	1-	.	-9U4	3	1-	.	-9U4	3	1-	.	-9U4	3	1-	.
-9U5	1	2+	.	+JIAX-C7080-01-X2	1	2+	.	-9U5	1	2+	.	-9U5	1	2+	.	-9U5	1	2+	.	-9U5	1	2+	.
-9U5	3	2-	.	+JIAX-C7080-01-X2	3	2-	.	-9U5	3	2-	.	-9U5	3	2-	.	-9U5	3	2-	.	-9U5	3	2-	.
-9U6	1	3+	.	+JIAX-C7080-01-X2	1	3+	.	-9U6	1	3+	.	-9U6	1	3+	.	-9U6	1	3+	.	-9U6	1	3+	.
-9U6	3	3-	.	+JIAX-C7080-01-X2	3	3-	.	-9U6	3	3-	.	-9U6	3	3-	.	-9U6	3	3-	.	-9U6	3	3-	.
-9U7	1	4+	.	+JIAX-C7080-01-X2	1	4+	.	-9U7	1	4+	.	-9U7	1	4+	.	-9U7	1	4+	.	-9U7	1	4+	.
-9U7	3	4-	.	+JIAX-C7080-01-X2	3	4-	.	-9U7	3	4-	.	-9U7	3	4-	.	-9U7	3	4-	.	-9U7	3	4-	.
-9U8	1	5+	.	+JIAX-C7080-01-X2	1	5+	.	-9U8	1	5+	.	-9U8	1	5+	.	-9U8	1	5+	.	-9U8	1	5+	.
-9U8	3	5-	.	+JIAX-C7080-01-X2	3	5-	.	-9U8	3	5-	.	-9U8	3	5-	.	-9U8	3	5-	.	-9U8	3	5-	.
-9U9	1	6+	.	+JIAX-C7080-01-X2	1	6+	.	-9U9	1	6+	.	-9U9	1	6+	.	-9U9	1	6+	.	-9U9	1	6+	.
-9U9	3	6-	.	+JIAX-C7080-01-X2	3	6-	.	-9U9	3	6-	.	-9U9	3	6-	.	-9U9	3	6-	.	-9U9	3	6-	.
-9U10	1	7+	.	+JIAX-C7080-01-X2	1	7+	.	-9U10	1	7+	.	-9U10	1	7+	.	-9U10	1	7+	.	-9U10	1	7+	.
-9U10	3	7-	.	+JIAX-C7080-01-X2	3	7-	.	-9U10	3	7-	.	-9U10	3	7-	.	-9U10	3	7-	.	-9U10	3	7-	.
-9U11	1	8+	.	+JIAX-C7080-01-X2	1	8+	.	-9U11	1	8+	.	-9U11	1	8+	.	-9U11	1	8+	.	-9U11	1	8+	.
-9U11	3	8-	.	+JIAX-C7080-01-X2	3	8-	.	-9U11	3	8-	.	-9U11	3	8-	.	-9U11	3	8-	.	-9U11	3	8-	.
-9U12	1	9+	.	+JIAX-C7080-01-X2	1	9+	.	-9U12	1	9+	.	-9U12	1	9+	.	-9U12	1	9+	.	-9U12	1	9+	.
-9U12	3	9-	.	+JIAX-C7080-01-X2	3	9-	.	-9U12	3	9-	.	-9U12	3	9-	.	-9U12	3	9-	.	-9U12	3	9-	.
-9U13	1	10+	.	+JIAX-C7080-01-X2	1	10+	.	-9U13	1	10+	.	-9U13	1	10+	.	-9U13	1	10+	.	-9U13	1	10+	.
-9U13	3	10-	.	+JIAX-C7080-01-X2	3	10-	.	-9U13	3	10-	.	-9U13	3	10-	.	-9U13	3	10-	.	-9U13	3	10-	.
+JIAX-C7080-01-X2	11+	21	.	-58U5	11+	21	.	+JIAX-C7080-01-X2	11+	21	.	+JIAX-C7080-01-X2	11+	21	.	+JIAX-C7080-01-X2	11+	21	.	+JIAX-C7080-01-X2	11+	21	.
+JIAX-C7080-01-X2	11-	22	.	-58U5	11-	22	.	+JIAX-C7080-01-X2	11-	22	.	+JIAX-C7080-01-X2	11-	22	.	+JIAX-C7080-01-X2	11-	22	.	+JIAX-C7080-01-X2	11-	22	.
+JIAX-C7080-01-X2	12+	23	.		12+	23	.	+JIAX-C7080-01-X2	12+	23	.	+JIAX-C7080-01-X2	12+	23	.	+JIAX-C7080-01-X2	12+	23	.	+JIAX-C7080-01-X2	12+	23	.
+JIAX-C7080-01-X2	12-	24	.		12-	24	.	+JIAX-C7080-01-X2	12-	24	.	+JIAX-C7080-01-X2	12-	24	.	+JIAX-C7080-01-X2	12-	24	.	+JIAX-C7080-01-X2	12-	24	.
+JIAX-C7080-01-X2	13+	25	.		13+	25	.	+JIAX-C7080-01-X2	13+	25	.	+JIAX-C7080-01-X2	13+	25	.	+JIAX-C7080-01-X2	13+	25	.	+JIAX-C7080-01-X2	13+	25	.
+JIAX-C7080-01-X2	13-	26	.		13-	26	.	+JIAX-C7080-01-X2	13-	26	.	+JIAX-C7080-01-X2	13-	26	.	+JIAX-C7080-01-X2	13-	26	.	+JIAX-C7080-01-X2	13-	26	.
+JIAX-C7080-01-X2	14+	27	.		14+	27	.	+JIAX-C7080-01-X2	14+	27	.	+JIAX-C7080-01-X2	14+	27	.	+JIAX-C7080-01-X2	14+	27	.	+JIAX-C7080-01-X2	14+	27	.
+JIAX-C7080-01-X2	14-	28	.		14-	28	.	+JIAX-C7080-01-X2	14-	28	.	+JIAX-C7080-01-X2	14-	28	.	+JIAX-C7080-01-X2	14-	28	.	+JIAX-C7080-01-X2	14-	28	.



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CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093	SUBJECT	Terminal diagram =20-C-7080+UCP-C7080-01-X2
EQUIPMENT NO.	20-C-7080	ADAPTED TO P&ID REVISION	04
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Bushehr Petrochemical Company (BUPC)
		CLIENT REF.	Bushehr MEG Plant Project
		AIRPACK REF.	17811-05B

DRAWN BY	MaGo	= 20-C-7080
CHECKED BY	RBE	+ UCP-C7080-01
LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
AIRPACK DWG NO.	17811-05B	
REVISION	03	
TOTAL PAGE AMOUNT	72	

Terminal diagram

Cable name		Strip =20-C-7080+UCP-C7080-01-X8 SIGNALS TO / FROM DISTRIBUTION BOARD										Cable name	
-DB_COMB	20x1 mm²	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	-DB_COMB	20x1 mm²
		+PD-C-7080-01-X8	1	1	.	-30K4	11	1	.				
		+PD-C-7080-01-X8	2	2	.	-3ESDR8	14	2	.				
		+PD-C-7080-01-X8	3	3	.	-30K6	11	3	.				
		+PD-C-7080-01-X8	4	4	.	-3ESDR8	24	4	.				
		+PD-C-7080-01-X8	5	5	.			5	.				
		+PD-C-7080-01-X8	6	6	.			6	.				
		+PD-C-7080-01-X8	7	7	.			7	.				
		+PD-C-7080-01-X8	8	8	.			8	.				
		-57K12	11	9	.	+PD-C-7080-01-X8	9	9	.				
		+PD-C-7080-01-X8	10	10	.	-56K4	A1	10	.				
				11	.	+PD-C-7080-01-X8	11	11	.				
		+PD-C-7080-01-X8	13	12	.	-56K6	A1	12	.				
				13	.	+PD-C-7080-01-X8	15	13	.				
		+PD-C-7080-01-X8	17	14	.	-56K8	A1	14	.				
				15	.	+PD-C-7080-01-X8	12	15	.				
		+PD-C-7080-01-X8	14	16	.	-56K10	A1	16	.				
				17	.	+PD-C-7080-01-X8	19	17	.				
		+PD-C-7080-01-X8	20	18	.	-56K13	A1	18	.				
				19	.	+PD-C-7080-01-X8	21	19	.				
		+PD-C-7080-01-X8	22	20	.	-56K15	A1	20	.				
		-X11	3	21	.	+PD-C-7080-01-X8	18	21	.				
		+PD-C-7080-01-X8	16	22	.	-56K17	A1	22	.				



CLIENT DWG NO. BU-20-VD-303-IN-DIG-0093
 EQUIPMENT NO. 20-C-7080
 EQUIPMENT LOCATION Iran, Onshore
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SUBJECT Terminal diagram =20-C-7080+UCP-C7080-01-X8
 ADAPTED TO P&ID REVISION 04
 CLIENT Bushehr Petrochemical Company (BUPC)
 CLIENT REF. Bushehr MEG Plant Project
 AIRPACK REF. 17811-05B

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 LAST MODIFICATION DATE 25-5-2022
 AIRPACK DWG NO. 17811-05B
 REVISION 03
 TOTAL PAGE AMOUNT 76

= 20-C-7080
 + UCP-C7080-01
 CURRENT PAGE

Terminal diagram

Cable name		Strip =20-C-7080+UCP-C7080-01-X10 SIGNALS TO / FROM ESD									Cable name	
Terminal	Connection point	Target designation	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Connection point	
1			.			1	.	-30K10	11			
2			.			2	.	-30K10	14			
3			.			3	.					
4			.			4	.					
5						5		-57K8	A1			
6						6		-57K8	A2			
7						7		-57K10	A1			
8						8		-57K10	A2			
9						9			PE			



CLIENT DWG NO. BU-20-VD-303-IN-DIG-0093
 EQUIPMENT NO. 20-C-7080
 EQUIPMENT LOCATION Iran, Onshore
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SUBJECT Terminal diagram =20-C-7080+UCP-C7080-01-X10
 ADAPTED TO P&ID REVISION 04
 CLIENT Bushehr Petrochemical Company (BUPC)
 CLIENT REF. Bushehr MEG Plant Project
 AIRPACK REF. 17811-05B

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 LAST MODIFICATION DATE 25-5-2022
 AIRPACK DWG NO. 17811-05B
 REVISION 03
 TOTAL PAGE AMOUNT 78

= 20-C-7080
 + UCP-C7080-01
 CURRENT PAGE

Terminal diagram

Cable name		Strip =20-C-7080+UCP-C7080-01-X11 SIGNALS FROM FCS						Cable name	
Terminal	Connection point	Jumper	Target designation	Terminal	Connection point	Target designation	Terminal	Connection point	
1		•	-58U5	1			1		
2	A1	•		2		-57K12	3		
3		•		3			5		
3		•	-X8	3					
6		•		6					
4	A1			4		-57K17			



CLIENT DWG NO. BU-20-VD-303-IN-DIG-0093
 EQUIPMENT NO. 20-C-7080
 EQUIPMENT LOCATION Iran, Onshore
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SUBJECT Terminal diagram =20-C-7080+UCP-C7080-01-X11
 ADAPTED TO P&ID REVISION 04
 CLIENT Bushehr Petrochemical Company (BUPC)
 CLIENT REF. Bushehr MEG Plant Project
 AIRPACK REF. 17811-05B

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 LAST MODIFICATION DATE 25-5-2022
 AIRPACK DWG NO. 17811-05B
 REVISION 03
 TOTAL PAGE AMOUNT 79

= 20-C-7080
 + UCP-C7080-01
 CURRENT PAGE

TERMINAL STRIP DEFINITION

JUNCTION BOX
JNDX-C7080-01

X1 = CONNECTION SOLENOIDS

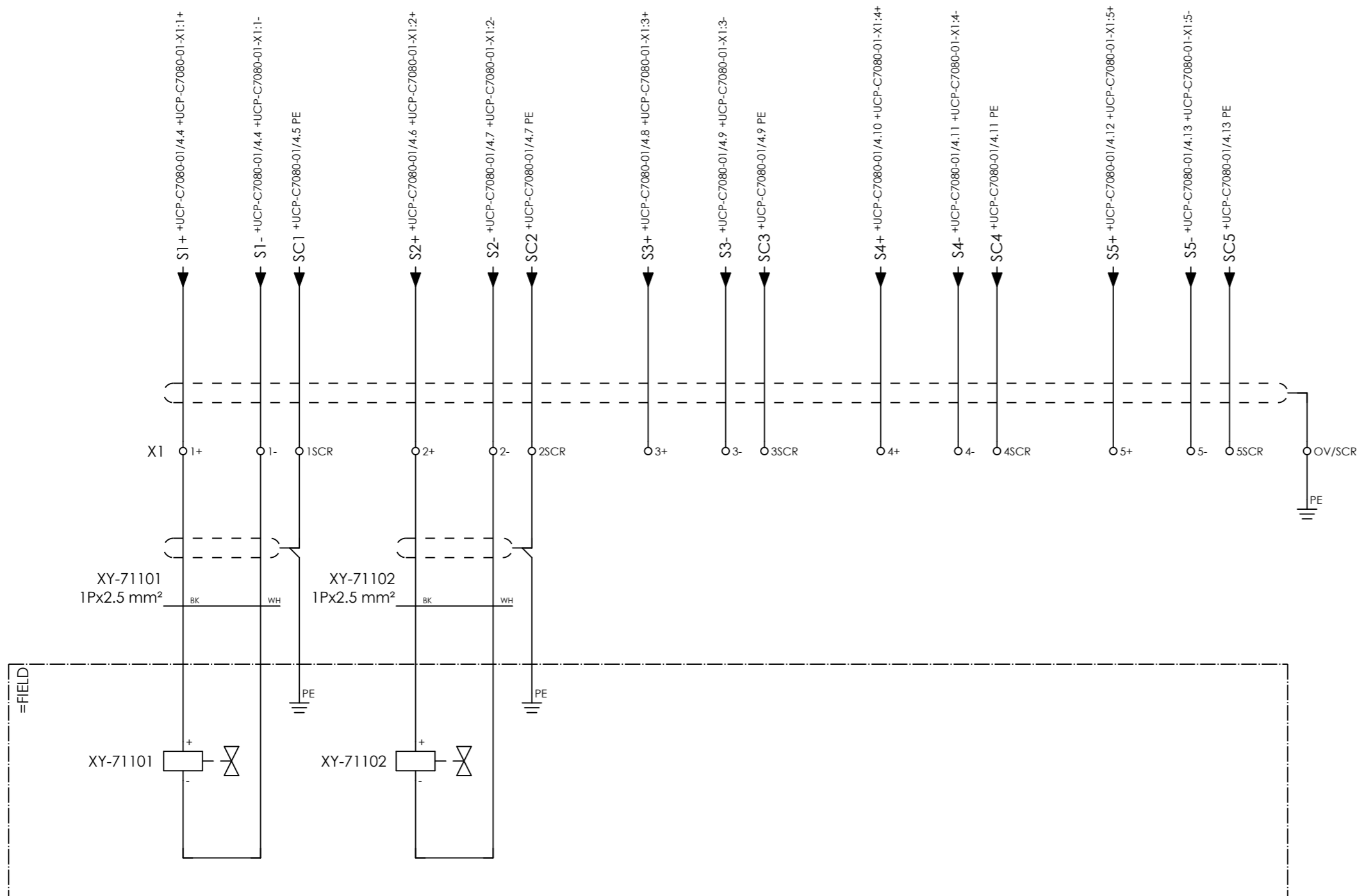


CLIENT DWG NO.	
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT TERMINAL STRIP DEFINITION	
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CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

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LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	
REVISION	
PAGE NUMBER	94

= 20-C-7080
+ JNDX-C7080-01
CURRENT PAGE



COMPRESSOR B
INLET
SOLENOID VALVE
XY-71101

COMPRESSOR B
COOLING WATER INLET
SOLENOID VALVE
XY-71102

SPARE

SPARE

SPARE

Terminal diagram

Cable name		Strip =20-C-7080+JNDX-C7080-01-X1 CONNECTION SOLENOIDS						Cable name	
Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point
=FIELD-XY-71101	+	1+	.	+UCP-C7080-01-X1	1+	1+	.	+UCP-C7080-01-X1	1+
=FIELD-XY-71101	-	1-	.	+UCP-C7080-01-X1	-	1-	.	+UCP-C7080-01-X1	1-
=FIELD-XY-71102	PE	1SCR	.		PE	1SCR	.		PE
=FIELD-XY-71102	+	2+	.	+UCP-C7080-01-X1	+	2+	.	+UCP-C7080-01-X1	2+
=FIELD-XY-71102	-	2-	.	+UCP-C7080-01-X1	-	2-	.	+UCP-C7080-01-X1	2-
	PE	2SCR	.		PE	2SCR	.		PE
		3+	.	+UCP-C7080-01-X1		3+	.	+UCP-C7080-01-X1	3+
		3-	.	+UCP-C7080-01-X1		3-	.	+UCP-C7080-01-X1	3-
		3SCR	.			3SCR	.		3SCR
		4+	.	+UCP-C7080-01-X1		4+	.	+UCP-C7080-01-X1	4+
		4-	.	+UCP-C7080-01-X1		4-	.	+UCP-C7080-01-X1	4-
		4SCR	.			4SCR	.		4SCR
		5+	.	+UCP-C7080-01-X1		5+	.	+UCP-C7080-01-X1	5+
		5-	.	+UCP-C7080-01-X1		5-	.	+UCP-C7080-01-X1	5-
		5SCR	.			5SCR	.		5SCR
	PE	OV/SCR	.		PE	OV/SCR	.		PE



CLIENT DWG NO. BU-20-VD-303-IN-DIG-0093
 EQUIPMENT NO. 20-C-7080
 EQUIPMENT LOCATION Iran, Onshore
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SUBJECT Terminal diagram =20-C-7080+JNDX-C7080-01-X1
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 CLIENT Bushehr Petrochemical Company (BUPC)
 CLIENT REF. Bushehr MEG Plant Project
 AIRPACK REF. 17811-05B

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 AIRPACK DWG NO. 17811-05B
 REVISION 03
 TOTAL PAGE AMOUNT 82

= 20-C-7080
 + JNDX-C7080-01
 CURRENT PAGE

TERMINAL STRIP DEFINITION

JUNCTION BOX
JIAX-C7080-01

X2 = CONNECTION TRANSMITTERS AND CONTROL VALVE

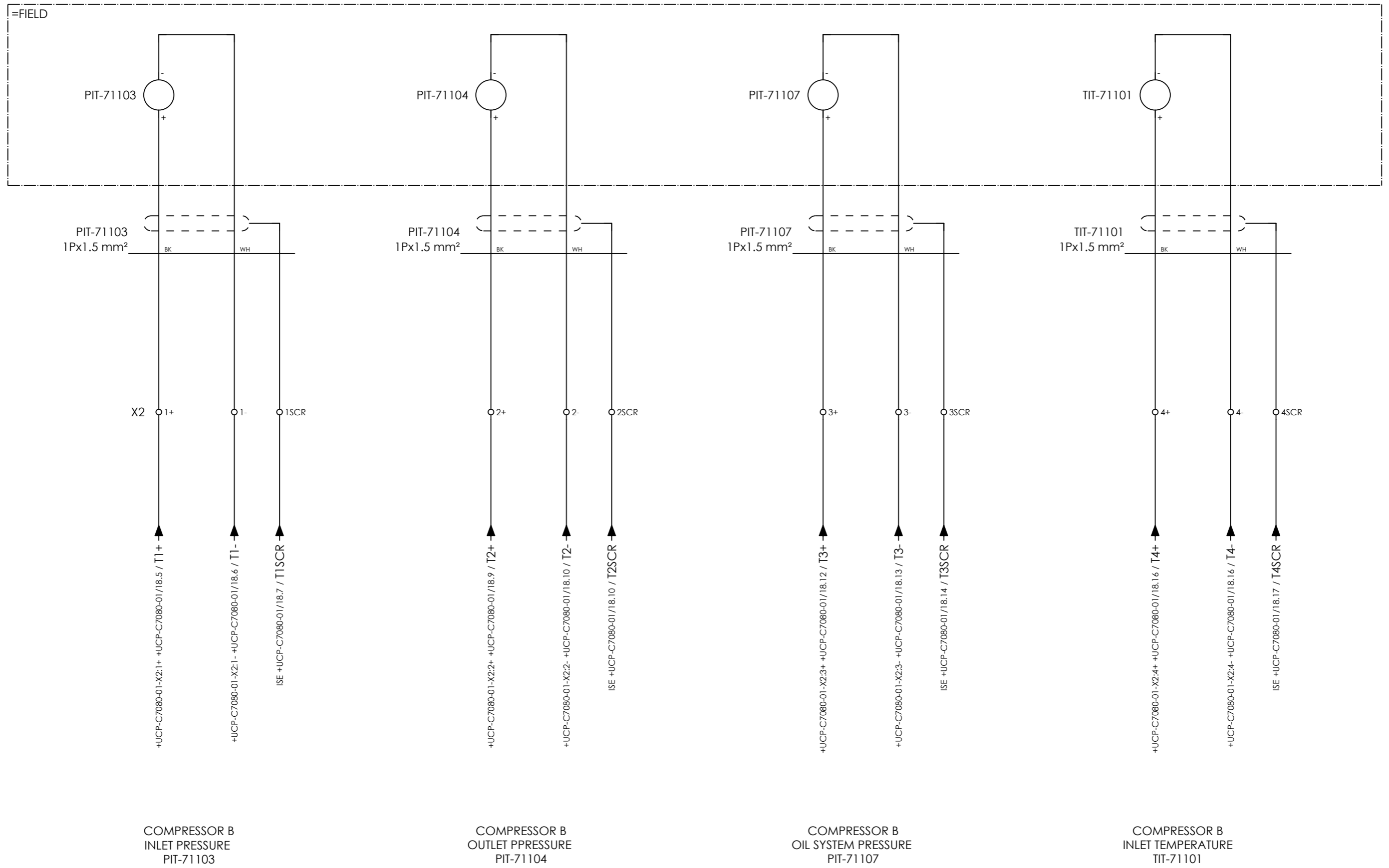


CLIENT DWG NO.	
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT TERMINAL STRIP DEFINITION	
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CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

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AIRPACK DWG NO.	
REVISION	
PAGE NUMBER	94

= 20-C-7080
+ JIAX-C7080-01
CURRENT PAGE



COMPRESSOR B
INLET PRESSURE
PIT-71103

COMPRESSOR B
OUTLET PRESSURE
PIT-71104

COMPRESSOR B
OIL SYSTEM PRESSURE
PIT-71107

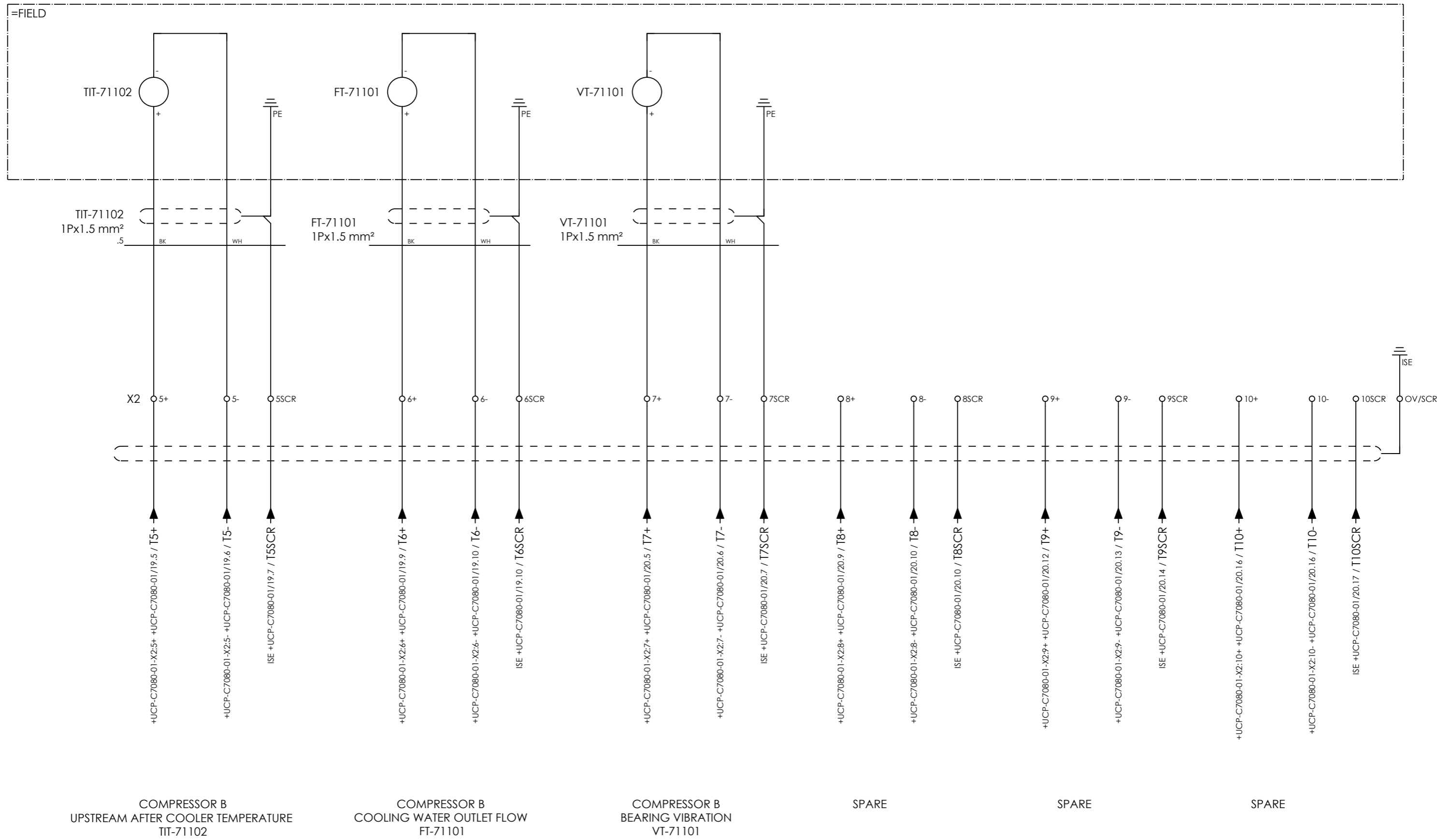
COMPRESSOR B
INLET TEMPERATURE
TIT-71101

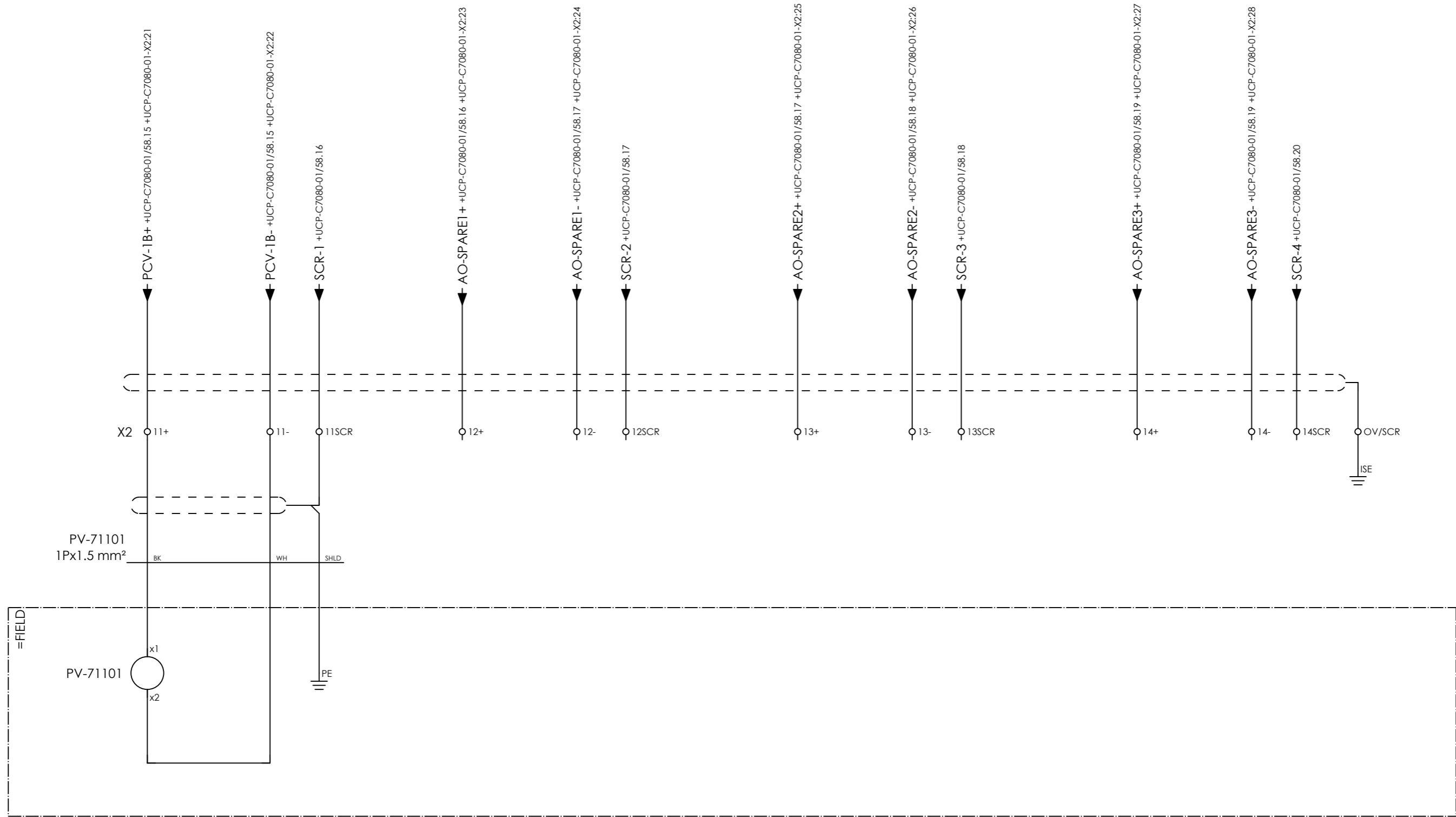


CLIENT DWG NO.	
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT CONNECTION TRANSMITTERS	
ADAPTED TO P&ID REVISION	
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

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LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
AIRPACK DWG NO.		
REVISION		
PAGE NUMBER	95	





COMPRESSOR B
 OUTLET
 CONTROL VALVE
 PV-71101

SPARE

SPARE

SPARE



CLIENT DWG NO.	
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT CONNECTION CONTROL VALVE	
ADAPTED TO P&ID REVISION	
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

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LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	
REVISION	
PAGE NUMBER	95

= 20-C-7080
+ JIAX-C7080-01
CURRENT PAGE

Terminal diagram

Cable name		Strip =20-C-7080+JIAX-C7080-01-X2 CONNECTION TRANSMITTERS AND CONTROL VALVE										Cable name			
Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper
+UCP-C7080-01-TR_COMB	20Px0,75 mm²			+UCP-C7080-01-X2	1+	1+	.								
-PV-71101	1Px1.5 mm²			+UCP-C7080-01-X2	1-	1-	.								
					ISE	1SCR	.								
				+UCP-C7080-01-X2	2+	2+	.								
				+UCP-C7080-01-X2	2-	2-	.								
					ISE	2SCR	.								
				+UCP-C7080-01-X2	3+	3+	.								
				+UCP-C7080-01-X2	3-	3-	.								
					ISE	3SCR	.								
				+UCP-C7080-01-X2	4+	4+	.								
				+UCP-C7080-01-X2	4-	4-	.								
					ISE	4SCR	.								
				+UCP-C7080-01-X2	5+	5+	.								
				+UCP-C7080-01-X2	5-	5-	.								
					ISE	5SCR	.								
				+UCP-C7080-01-X2	6+	6+	.								
				+UCP-C7080-01-X2	6-	6-	.								
					ISE	6SCR	.								
				+UCP-C7080-01-X2	7+	7+	.								
				+UCP-C7080-01-X2	7-	7-	.								
					ISE	7SCR	.								
					PE	PE	.								
				+UCP-C7080-01-X2	8+	8+	.								
				+UCP-C7080-01-X2	8-	8-	.								
					ISE	8SCR	.								
				+UCP-C7080-01-X2	9+	9+	.								
				+UCP-C7080-01-X2	9-	9-	.								
					ISE	9SCR	.								
				+UCP-C7080-01-X2	10+	10+	.								
				+UCP-C7080-01-X2	10-	10-	.								
					ISE	10SCR	.								
					ISE	OV/SCR	.								
					ISE	OV/SCR	.								
				+UCP-C7080-01-X2	21	11+	.								
				+UCP-C7080-01-X2	22	11-	.								
					ISE	11SCR	.								
					ISE	12SCR	.								
					ISE	13SCR	.								
					ISE	14SCR	.								
				+UCP-C7080-01-X2	23	12+	.								
				+UCP-C7080-01-X2	24	12-	.								



CLIENT DWG NO. BU-20-VD-303-IN-DIG-0093
 EQUIPMENT NO. 20-C-7080
 EQUIPMENT LOCATION Iran, Onshore
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SUBJECT Terminal diagram =20-C-7080+JIAX-C7080-01-X2
 ADAPTED TO P&ID REVISION 04
 CLIENT Bushehr Petrochemical Company (BUPC)
 CLIENT REF. Bushehr MEG Plant Project
 AIRPACK REF. 17811-05B

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 AIRPACK DWG NO. 17811-05B
 REVISION 03
 TOTAL PAGE AMOUNT 87

= 20-C-7080
 + JIAX-C7080-01
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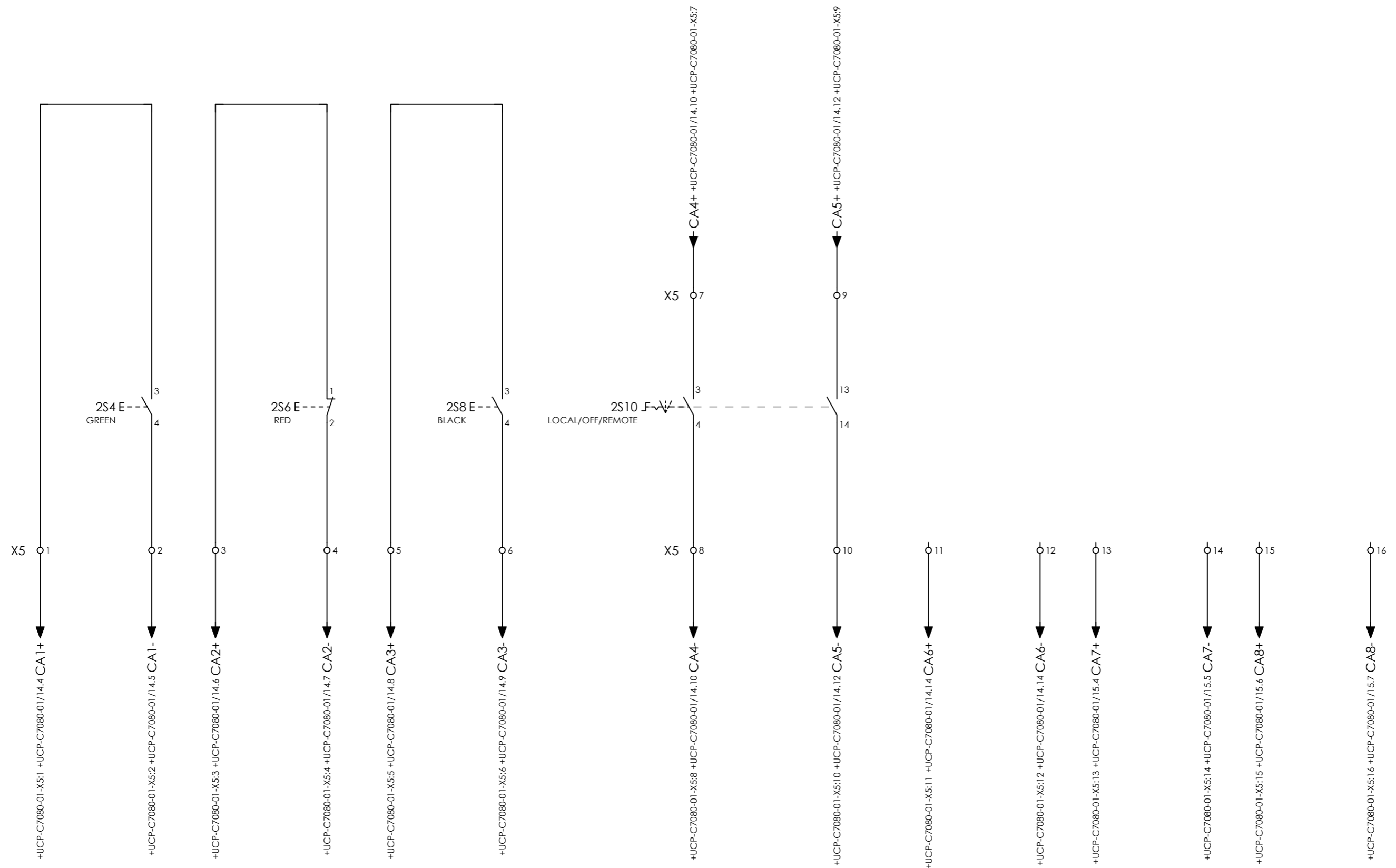
LOCAL CONTROL PANEL LP-C7080-01

TERMINAL STRIP DEFINITION

X5 = CONNECTION PUSHBUTTONS AND LAMPS
X9 = CONNECTION ESD BUTTON



CLIENT DWG NO.		SUBJECT		DRAWN BY	MaGo	= 20-C-7080
EQUIPMENT NO.	20-C-7080	TERMINAL STRIP DEFINITION		CHECKED BY	RBE	+ LP-C7080-01
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION		LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
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		CLIENT REF.	Bushehr MEG Plant Project	REVISION		
		AIRPACK REF.	17811-05B	PAGE NUMBER	94	



COMPRESSOR B
START
PB-71101

COMPRESSOR B
STOP
PB-71102

COMPRESSOR B
LAMPTEST
PB-71102

COMPRESSOR B
LOCAL
HS-71104

COMPRESSOR B
REMOTE
HS-71101

SPARE

SPARE

SPARE



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore

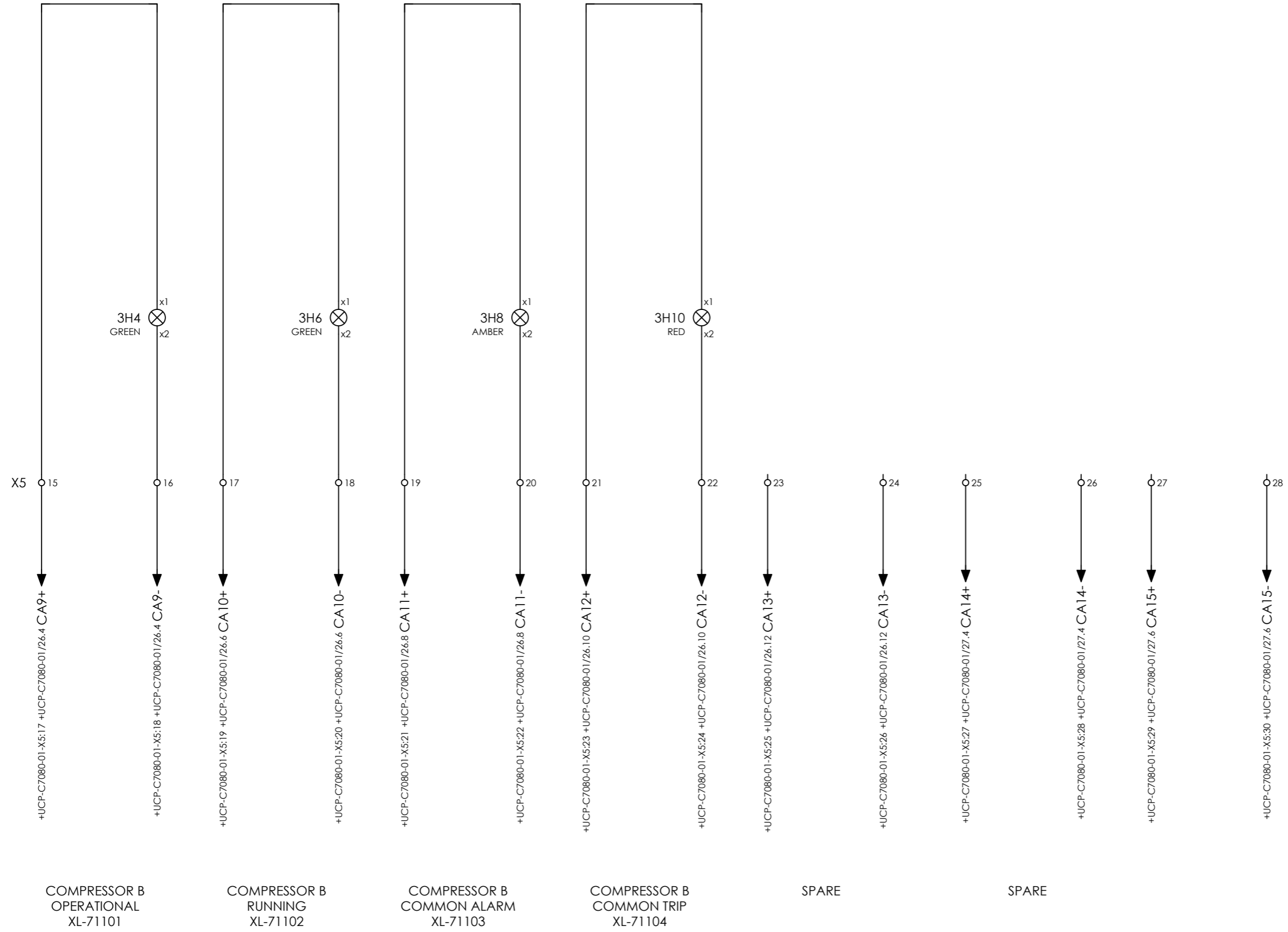
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SUBJECT
CONNECTION PUSHBUTTONS

ADAPTED TO P&ID REVISION 04

CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

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CHECKED BY	RBE	+ LP-C7080-01
LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
AIRPACK DWG NO.	17811-05B	
REVISION	03	
TOTAL PAGE AMOUNT	90	

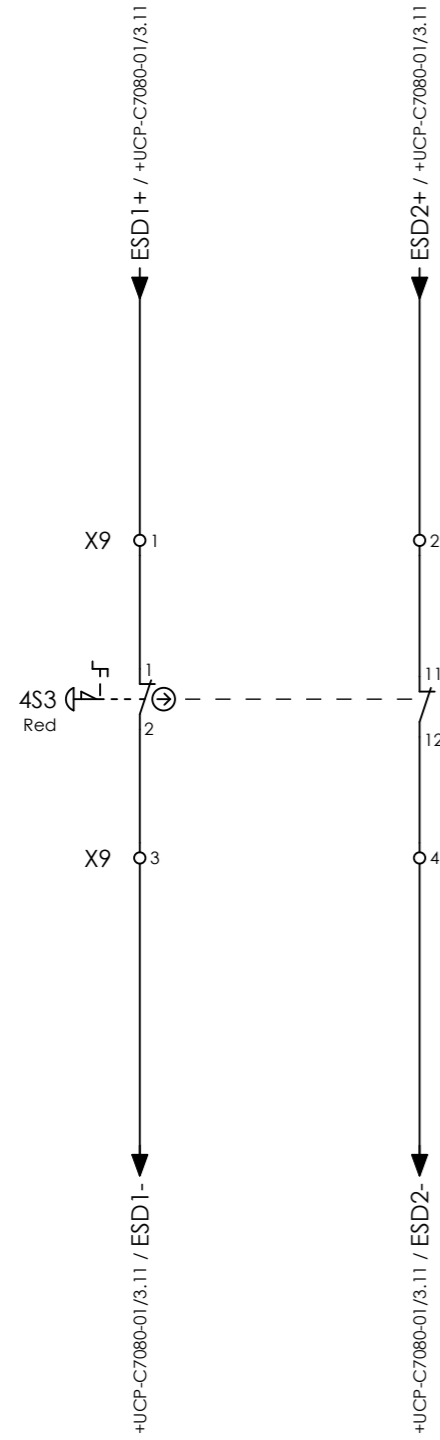


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT CONNECTION LAMPS	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	91

= 20-C-7080
+ LP-C7080-01
CURRENT PAGE



COMPRESSOR B
ESD BUTTON
PB-71103



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore

SUBJECT CONNECTION ESD BUTTON	
ADAPTED TO P&ID REVISION	04
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	MaGo
CHECKED BY	RBE
LAST MODIFICATION DATE	25-5-2022
AIRPACK DWG NO.	17811-05B
REVISION	03
TOTAL PAGE AMOUNT	92

= 20-C-7080
+ LP-C7080-01
CURRENT PAGE

Terminal diagram

Cable name		Strip =20-C-7080+LP-C7080-01-X5 CONNECTION PUSHBUTTONS AND LAMPS							Cable name	
Terminal	Connection point	Target designation	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	
1	1	+UCP-C7080-01-X5	.	-2S4	1	1	.			
2	2	+UCP-C7080-01-X5	.	-2S4	2	2	.			
3	3	+UCP-C7080-01-X5	.	-2S6	3	3	.			
4	4	+UCP-C7080-01-X5	.	-2S6	4	4	.			
5	5	+UCP-C7080-01-X5	.	-2S8	5	5	.			
6	6	+UCP-C7080-01-X5	.	-2S8	6	6	.			
8	3	-2S10	.	+UCP-C7080-01-X5	3	7	.			
10	8	+UCP-C7080-01-X5	.	-2S10	8	8	.			
11	13	-2S10	.	+UCP-C7080-01-X5	13	9	.			
12	10	+UCP-C7080-01-X5	.	-2S10	10	10	.			
13	11	+UCP-C7080-01-X5	.		11	11	.			
14	12	+UCP-C7080-01-X5	.		12	12	.			
15	13	+UCP-C7080-01-X5	.		13	13	.			
16	14	+UCP-C7080-01-X5	.		14	14	.			
17	15	+UCP-C7080-01-X5	.		15	15	.			
18	17	+UCP-C7080-01-X5	.	-3H4	17	15	.			
19	16	+UCP-C7080-01-X5	.		16	16	.			
20	18	+UCP-C7080-01-X5	.	-3H4	18	16	.			
21	19	+UCP-C7080-01-X5	.	-3H6	19	17	.			
22	20	+UCP-C7080-01-X5	.	-3H6	20	18	.			
23	21	+UCP-C7080-01-X5	.	-3H8	21	19	.			
24	22	+UCP-C7080-01-X5	.	-3H8	22	20	.			
25	23	+UCP-C7080-01-X5	.	-3H10	23	21	.			
26	24	+UCP-C7080-01-X5	.	-3H10	24	22	.			
27	25	+UCP-C7080-01-X5	.		25	23	.			
28	26	+UCP-C7080-01-X5	.		26	24	.			
	27	+UCP-C7080-01-X5	.		27	25	.			
	28	+UCP-C7080-01-X5	.		28	26	.			
	29	+UCP-C7080-01-X5	.		29	27	.			
	30	+UCP-C7080-01-X5	.		30	28	.			



CLIENT DWG NO. BU-20-VD-303-IN-DIG-0093
 EQUIPMENT NO. 20-C-7080
 EQUIPMENT LOCATION Iran, Onshore
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SUBJECT Terminal diagram =20-C-7080+LP-C7080-01-X5
 ADAPTED TO P&ID REVISION 04
 CLIENT Bushehr Petrochemical Company (BUPC)
 CLIENT REF. Bushehr MEG Plant Project
 AIRPACK REF. 17811-05B

DRAWN BY MaGo
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= 20-C-7080
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POWER DISTRIBUTION BOARD

PD-C-7080-01

TERMINAL STRIP DEFINITION

- X0 = POWER SUPPLY 400VAC FROM CUSTOMER
- X1 = MAIN MOTOR
- X2 = OIL HEATER
- X8 = SIGNALS TO / FROM UCP
- X10 = CONNECTION PT100



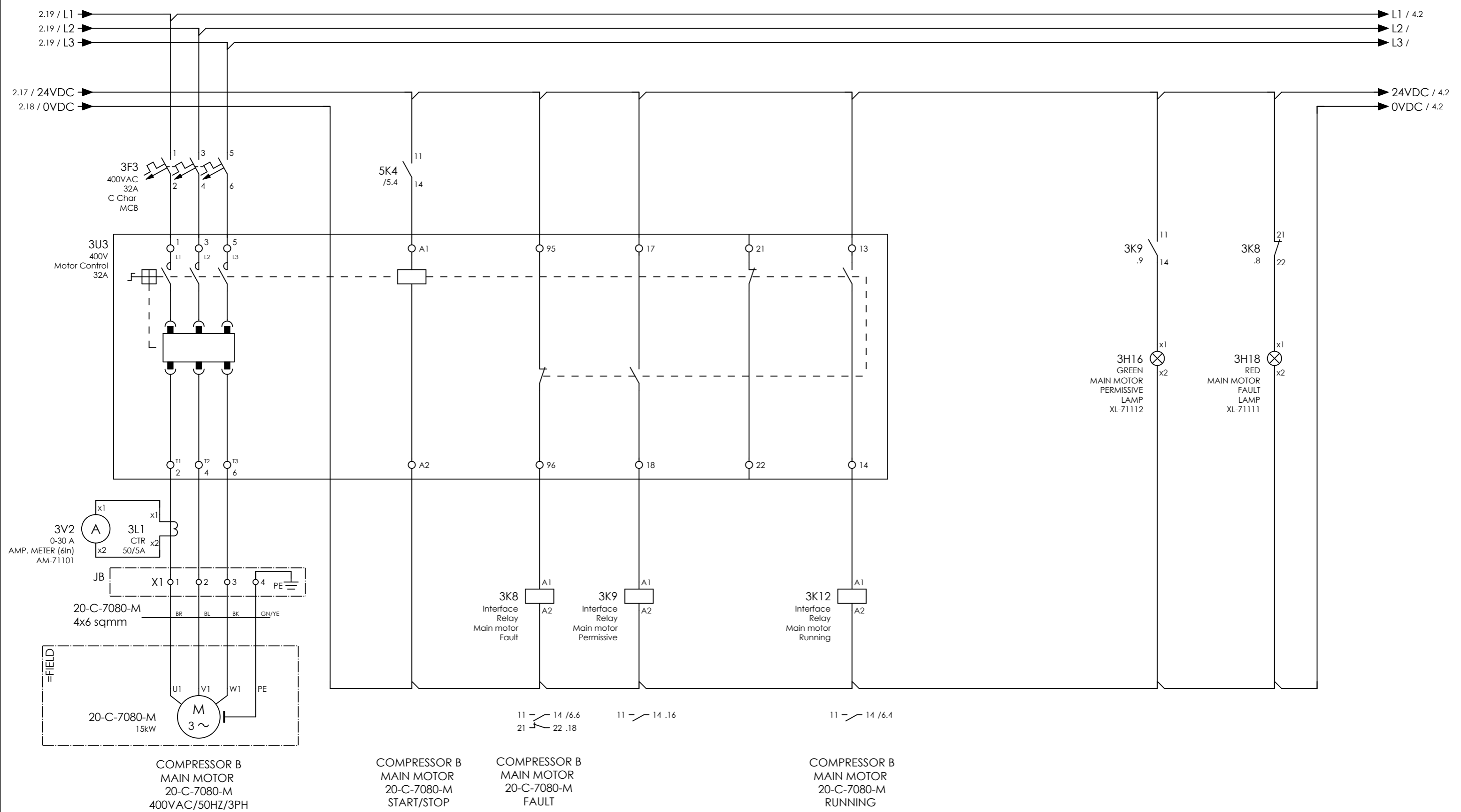
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EQUIPMENT NO.	20-C-7080	TERMINAL STRIP DEFINITION		CHECKED BY	RBE	+ PD-C-7080-01
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION		LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
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EQUIPMENT LOCATION	Iran, Onshore
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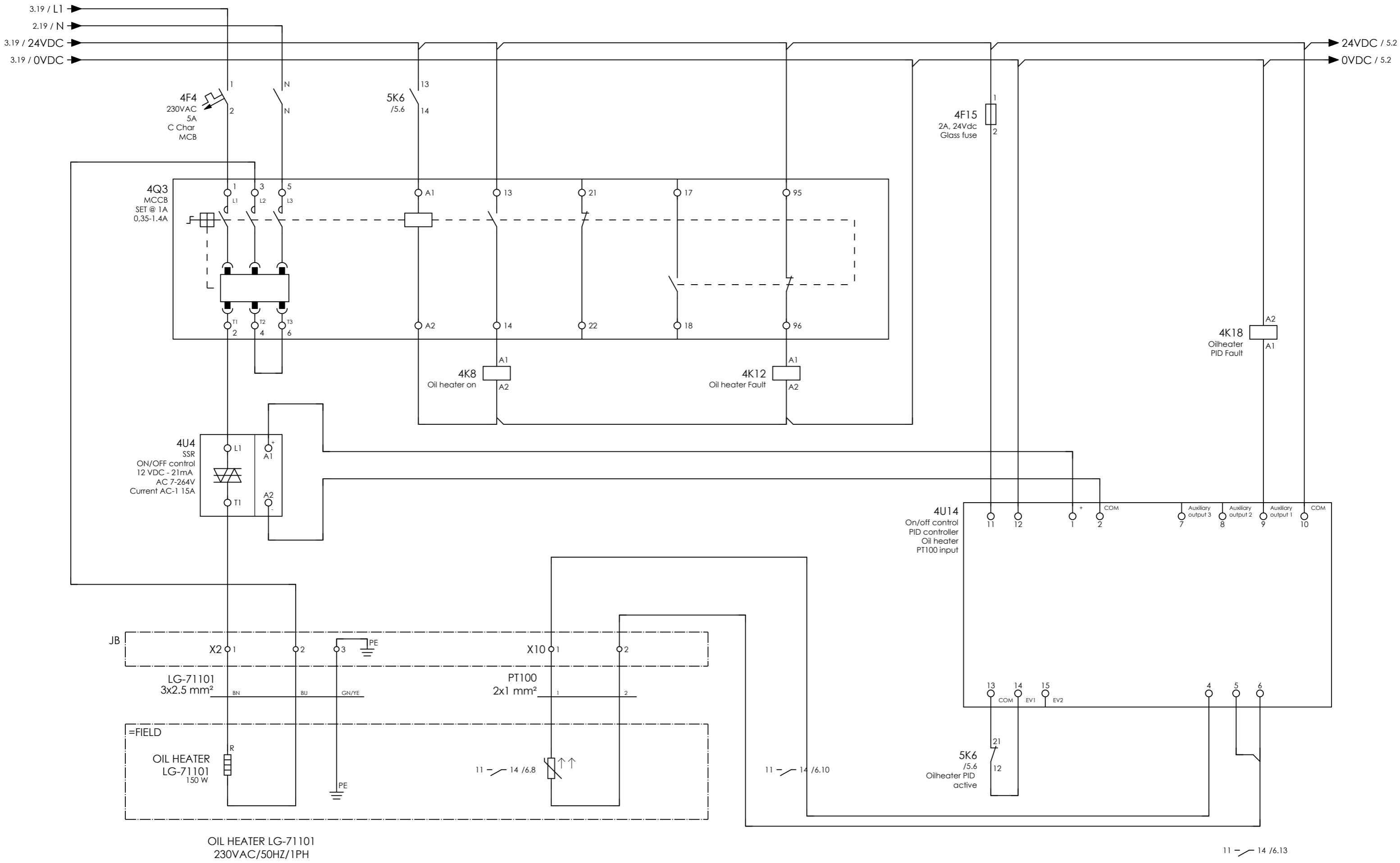
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ADAPTED TO P&ID REVISION	04
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CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

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REVISION	03	
TOTAL PAGE AMOUNT	96	

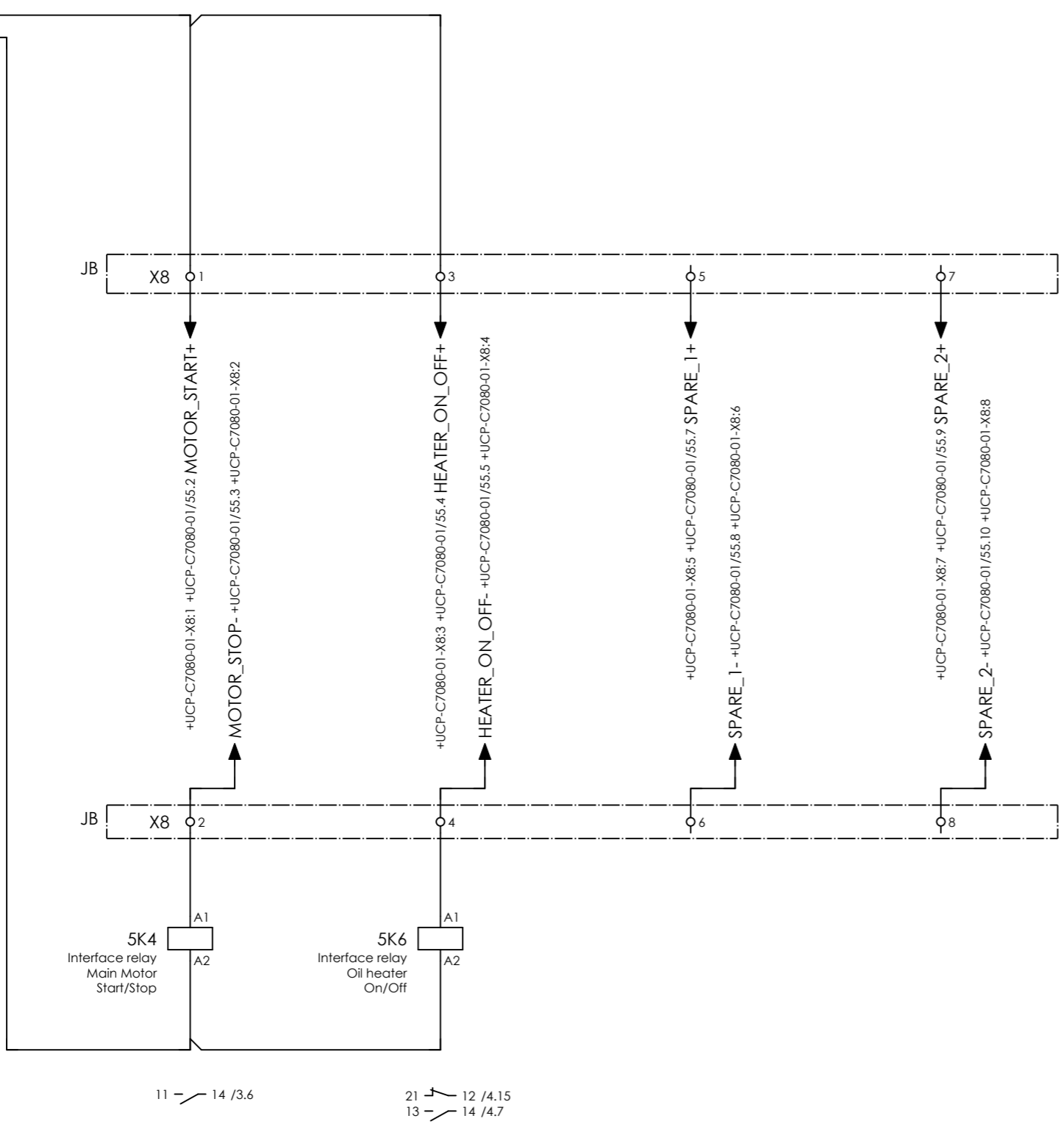


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093	SUBJECT MAIN MOTOR	
EQUIPMENT NO.	20-C-7080	ADAPTED TO P&ID REVISION	04
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4.19 / -24VDC
4.19 / -0VDC



COMPRESSOR B
MAIN MOTOR 20-C-7080-M
START/STOP

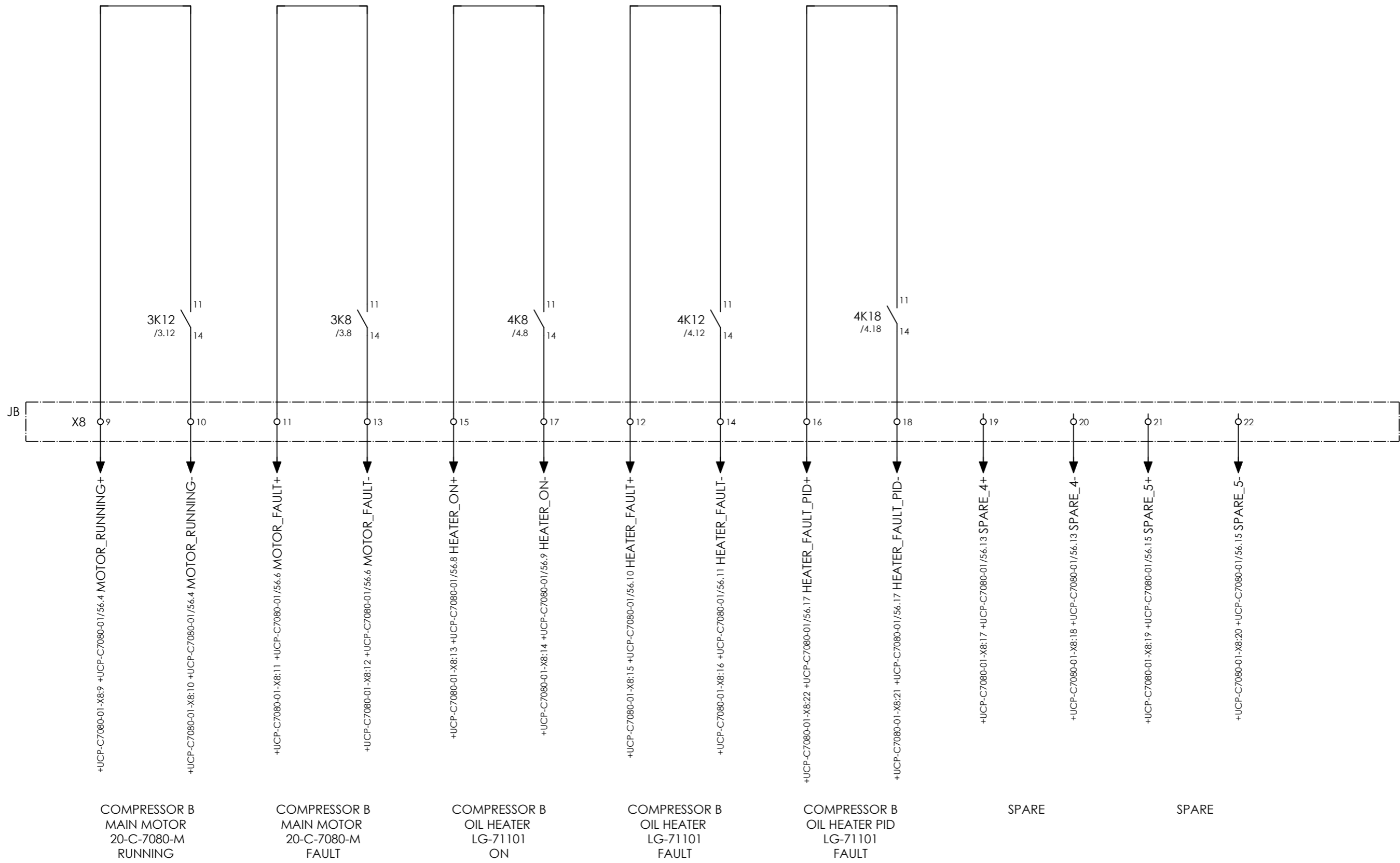
COMPRESSOR B
OIL HEATER LG-71101
ON/OFF

SPARE

SPARE



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093	SUBJECT		DRAWN BY	MaGo	= 20-C-7080
EQUIPMENT NO.	20-C-7080	SIGNALS FROM UCP		CHECKED BY	RBE	+ PD-C-7080-01
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	04	LAST MODIFICATION DATE	25-5-2022	CURRENT PAGE
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SUBJECT SIGNALS TO UCP	
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CURRENT PAGE

Terminal diagram

Cable name		Strip =20-C-7080+PD-C-7080-01-X0 POWER SUPPLY 400VAC FROM CUSTOMER					Cable name	
Terminal	Connection point	Terminal	Connection point	Target designation	Target designation	Terminal	Connection point	
1	2	1	2	L1	-2Q3	BN	2	
2	4	2	4	L2	-2Q3	BK	4	
3	6	3	6	L3	-2Q3	GY	6	
4	N	4	N	N	-2Q3	BU	N	
5		5		PE				



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Terminal diagram

Cable name		Strip =20-C-7080+PD-C-7080-01-X8 SIGNALS TO / FROM UCP						Cable name	
Terminal	Connection point	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point		
1	1	+UCP-C7080-01-X8	1	1	•	-4U14	10		
2	2	+UCP-C7080-01-X8	2	2	•	-5K4	A1		
3	3	+UCP-C7080-01-X8	3	3	•				
4	4	+UCP-C7080-01-X8	4	4	•	-5K6	A1		
5	5	+UCP-C7080-01-X8	5	5	•				
6	6	+UCP-C7080-01-X8	6	6	•				
7	7	+UCP-C7080-01-X8	7	7	•				
8	8	+UCP-C7080-01-X8	8	8	•				
9	9	+UCP-C7080-01-X8	9	9	•	-3K12	11		
10	10	+UCP-C7080-01-X8	10	10	•	-3K12	14		
11	11	+UCP-C7080-01-X8	11	11	•	-3K8	11		
15	15	+UCP-C7080-01-X8	15	12	•	-4K12	11		
12	12	+UCP-C7080-01-X8	12	13	•	-3K8	14		
16	16	+UCP-C7080-01-X8	16	14	•	-4K12	14		
13	13	+UCP-C7080-01-X8	13	15	•	-4K8	11		
22	22	+UCP-C7080-01-X8	22	16	•	-4K18	11		
14	14	+UCP-C7080-01-X8	14	17	•	-4K8	14		
21	21	+UCP-C7080-01-X8	21	18	•	-4K18	14		
17	17	+UCP-C7080-01-X8	17	19	•				
19	19	+UCP-C7080-01-X8	19	21	•				
18	18	+UCP-C7080-01-X8	18	20	•				
20	20	+UCP-C7080-01-X8	20	22	•				



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 CURRENT PAGE

