

OWNER:



**BUSHEHR PETROCHEMICAL COMPANY  
MEG PLANT**

EPC CONTRACTOR:



MC :



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



Owner Document Number: 17811-05B	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
	BU	20	VD	303	IN	DIG	0093	Rev.:	Page
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**UCP/LCP/JB WIRING DIAGRAM FOR EMERGENCY  
INSTRUMENT AIR COMPRESSOR**

01	19/10/2021	For approval			HT	RB	KP	
00	02/07/2021	For approval			HT	RB	KP	
<b>Rev.</b>	<b>Date</b>	<b>Purpose of Issue</b>			<b>Prepared</b>	<b>Checked</b>	<b>Approved</b>	<b>AC Code</b>
							<b>Class: 1</b>	<b>Phase: P</b>





## 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 : 30/06/2021

E & I manager : RBE

Last modifications : 18/10/2021

Last modifications by : htaher

Revision no. : 01



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	01
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	htaher	=
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LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
AIRPACK DWG NO.	17811-05B	
REVISION	01	
TOTAL PAGE AMOUNT	1	

# 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 6021) GREEN  
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 "IE" CONNECTIONS WILL BE CONNECTED ON A "IE"-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



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

DRAWN BY	htaher	=
CHECKED BY	RBE	+
LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
AIRPACK DWG NO.	17811-05B	
REVISION	01	
TOTAL PAGE AMOUNT	2	

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/2	Project description	2	15/10/2021	htaher
/3	Table of contents : /1 - =20-C-7080+UCP-C7080-01/23	3	18/10/2021	htaher
/4	Table of contents : =20-C-7080+UCP-C7080-01/24 - =20-C-7080+PD-C-7080-01/1	4	18/10/2021	htaher
/5	Table of contents : =20-C-7080+PD-C-7080-01/2 - =20-C-7080+PD-C-7080-01/11	5	18/10/2021	htaher
/6	Device tag list : =+UCP-C7080-01-2TH11 - =20-C-7080+UCP-C7080-01-5F2	6	18/10/2021	htaher
/7	Device tag list : =20-C-7080+UCP-C7080-01-5F11 - =20-C-7080+UCP-C7080-01-2M11	7	18/10/2021	htaher
/8	Device tag list : =20-C-7080+UCP-C7080-01-3M6 - =20-C-7080+UCP-C7080-01-10S8	8	18/10/2021	htaher
/9	Device tag list : =20-C-7080+UCP-C7080-01-10S10 - =20-C-7080+PD-C-7080-01-2F17.1	9	18/10/2021	htaher
/10	Device tag list : =20-C-7080+PD-C-7080-01-3F3 - =20-C-7080+PD-C-7080-01-X10	10	18/10/2021	htaher
=20-C-7080+UCP-C7080-01/1	TERMINAL STRIP DEFINITION	11	14/10/2021	htaher
=20-C-7080+UCP-C7080-01/2	POWER SUPPLY	12	13/10/2021	htaher
=20-C-7080+UCP-C7080-01/3	EMERGENCY SHUTDOWN	13	15/10/2021	htaher
=20-C-7080+UCP-C7080-01/4	SOLENOIDS	14	18/10/2021	htaher
=20-C-7080+UCP-C7080-01/5	PLC LAYOUT	15	13/10/2021	htaher
=20-C-7080+UCP-C7080-01/6	IO RACK I	16	15/10/2021	htaher
=20-C-7080+UCP-C7080-01/7	IO RACK II	17	15/10/2021	htaher
=20-C-7080+UCP-C7080-01/8	DISPLAY	18	13/10/2021	htaher
=20-C-7080+UCP-C7080-01/9	LOOP SPLITTERS	19	18/10/2021	htaher
=20-C-7080+UCP-C7080-01/10	DIGITAL INPUTS I	20	15/10/2021	htaher
=20-C-7080+UCP-C7080-01/11	DIGITAL INPUTS I	21	15/10/2021	htaher
=20-C-7080+UCP-C7080-01/12	DIGITAL INPUTS I	22	15/10/2021	htaher
=20-C-7080+UCP-C7080-01/13	DIGITAL INPUTS I	23	15/10/2021	htaher
=20-C-7080+UCP-C7080-01/14	ANALOG INPUTS I	24	15/10/2021	htaher
=20-C-7080+UCP-C7080-01/15	ANALOG INPUTS I	25	18/10/2021	htaher
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=20-C-7080+UCP-C7080-01/23	DIGITAL INPUTS II	33	15/10/2021	htaher



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EQUIPMENT NO.	20-C-7080	ADAPTED TO P&ID REVISION	01	
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Bushehr Petrochemical Company (BUPC)	
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT REF.	Bushehr MEG Plant Project	
		AIRPACK REF.	17811-05B	

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=20-C-7080+UCP-C7080-01/26	ANALOG INPUTS II	36	15/10/2021	htaher
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=20-C-7080+UCP-C7080-01/35	Terminal diagram =20-C-7080+UCP-C7080-01-X1	45	15/10/2021	htaher
=20-C-7080+UCP-C7080-01/36	Terminal diagram =20-C-7080+UCP-C7080-01-X2	46	15/10/2021	htaher
=20-C-7080+UCP-C7080-01/37	Terminal diagram =20-C-7080+UCP-C7080-01-X4	47	15/10/2021	htaher
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=20-C-7080+UCP-C7080-01/40	Terminal diagram =20-C-7080+UCP-C7080-01-X9	50	15/10/2021	htaher
=20-C-7080+UCP-C7080-01/41	Terminal diagram =20-C-7080+UCP-C7080-01-X11	51	15/10/2021	htaher
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=20-C-7080+JNDX-C7080-01/2	CONNECTION SOLENOIDS	53	18/10/2021	htaher
=20-C-7080+JNDX-C7080-01/3	Terminal diagram =20-C-7080+JNDX-C7080-01-X1	54	15/10/2021	htaher
=20-C-7080+JIAX-C7080-01/1	TERMINAL STRIP DEFINITION	55	13/10/2021	htaher
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=20-C-7080+JIAX-C7080-01/3	CONNECTION TRANSMITTERS	57	15/10/2021	htaher
=20-C-7080+JIAX-C7080-01/4	Terminal diagram =20-C-7080+JIAX-C7080-01-X2	58	13/10/2021	htaher
=20-C-7080+JIAX-C7080-01/5	Terminal diagram =20-C-7080+JIAX-C7080-01-X2	59	15/10/2021	htaher
=20-C-7080+LP-C7080-01/1	TERMINAL STRIP DEFINITION	60	13/10/2021	htaher
=20-C-7080+LP-C7080-01/2	CONNECTION PUSHBUTTONS	61	13/10/2021	htaher
=20-C-7080+LP-C7080-01/3	CONNECTION LAMPS	62	15/10/2021	htaher
=20-C-7080+LP-C7080-01/4	CONNECTION ESD BUTTON	63	13/10/2021	htaher
=20-C-7080+LP-C7080-01/5	Terminal diagram =20-C-7080+LP-C7080-01-X5	64	13/10/2021	htaher
=20-C-7080+LP-C7080-01/6	Terminal diagram =20-C-7080+LP-C7080-01-X9	65	13/10/2021	htaher
=20-C-7080+PD-C-7080-01/1	TERMINAL STRIP DEFINITION	66	18/10/2021	htaher



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093	SUBJECT	Table of contents : =20-C-7080+UCP-C7080-01/24 - =20-C-7080+PD-C-7080-01/1		DRAWN BY	htaher	=
EQUIPMENT NO.	20-C-7080	ADAPTED TO P&ID REVISION	01	CHECKED BY	RBE	+	
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Bushehr Petrochemical Company (BUPC)	LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE	
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	AIRPACK REF.	17811-05B	REVISION	01			
	TOTAL PAGE AMOUNT	4					



# DEVICE TAG LIST

Device tag	Function text	Tech. car.	Symbol
+UCP-C7080-01-2TH11		SET@	
+UCP-C7080-01-2TH13		SET@	
+UCP-C7080-01-3TH6		SET@	
+UCP-C7080-01-3TH10		SET@	
=20-C-7080+UCP-C7080-01-8A9		DISPLAY	
=20-C-7080+UCP-C7080-01-3ESDR2	EMERGENCY SHUTDOWN RELAY	ESD relay	
=20-C-7080+UCP-C7080-01-3ESDR8		ESD relay expansion	
=20-C-7080+UCP-C7080-01-2F9		230VAC 6A	
=20-C-7080+UCP-C7080-01-2F11		230VAC 2A	

Device tag	Function text	Tech. car.	Symbol
=20-C-7080+UCP-C7080-01-2F13		230VAC 4A	
=20-C-7080+UCP-C7080-01-2F15		110VAC 10A	
=20-C-7080+UCP-C7080-01-2F15.1		24VDC 10A	
=20-C-7080+UCP-C7080-01-2F17		110VAC 10A	
=20-C-7080+UCP-C7080-01-2F17.1		24VDC 10A	
=20-C-7080+UCP-C7080-01-3F4		230VAC 6A	
=20-C-7080+UCP-C7080-01-3F6		230VAC 2A	
=20-C-7080+UCP-C7080-01-3F10		230VAC 4A	
=20-C-7080+UCP-C7080-01-5F2		24VDC 6A	



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
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SUBJECT	
Device tag list : =+UCP-C7080-01-2TH11 - =20-C-7080+UCP-C7080-01-5F2	
ADAPTED TO P&ID REVISION	01
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

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REVISION	01	
TOTAL PAGE AMOUNT	6	

# DEVICE TAG LIST

Device tag	Function text	Tech. car.	Symbol
=20-C-7080+UCP-C7080-01-5F11		24VDC 6A	
=20-C-7080+UCP-C7080-01-2G15		QUINT DIODE	
=20-C-7080+UCP-C7080-01-2H10			
=20-C-7080+UCP-C7080-01-3H4			
=20-C-7080+UCP-C7080-01-16H4	COMPRESSOR B OPERATIONAL XL-71106	GREEN	
=20-C-7080+UCP-C7080-01-16H6	COMPRESSOR B RUNNING XL-71107	GREEN	
=20-C-7080+UCP-C7080-01-16H8	COMPRESSOR B COMMON ALARM XL-71108	AMBER	
=20-C-7080+UCP-C7080-01-16H10	COMPRESSOR B COMMON TRIP XL-71109	RED	
=20-C-7080+UCP-C7080-01-17K16	COMPRESSOR B FORCED SHUTDOWN		

Device tag	Function text	Tech. car.	Symbol
=20-C-7080+UCP-C7080-01-18K4			
=20-C-7080+UCP-C7080-01-18K6			
=20-C-7080+UCP-C7080-01-18K8	SPARE		
=20-C-7080+UCP-C7080-01-18K10	=		
=20-C-7080+UCP-C7080-01-19K4	COMPRESSOR B MAIN MOTOR 20-C-7080-M START/STOP		
=20-C-7080+UCP-C7080-01-19K6	COMPRESSOR B OIL HEATER LG-71101 ON/OFF		
=20-C-7080+UCP-C7080-01-19K10			
=20-C-7080+UCP-C7080-01-33K4			
=20-C-7080+UCP-C7080-01-2M11			

# DEVICE TAG LIST

Device tag	Function text	Tech. car.	Symbol
=20-C-7080+UCP-C7080-01-3M6			
=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-C7080-01-6M4	CP 343-1		
=20-C-7080+UCP-C7080-01-6M7	32 DI	SM321 24VDC	
=20-C-7080+UCP-C7080-01-6M11	32 DO	SM322 24VDC	
=20-C-7080+UCP-C7080-01-7M4	CP 343-1		

Device tag	Function text	Tech. car.	Symbol
=20-C-7080+UCP-C7080-01-7M7	32 DI	SM321 24VDC	
=20-C-7080+UCP-C7080-01-7M11	32 DO	SM322 24VDC	
=20-C-7080+UCP-C7080-01-2S2			
=20-C-7080+UCP-C7080-01-2S4			
=20-C-7080+UCP-C7080-01-2S6			
=20-C-7080+UCP-C7080-01-3S3		Red	
=20-C-7080+UCP-C7080-01-10S4	GREEN		
=20-C-7080+UCP-C7080-01-10S6	RED		
=20-C-7080+UCP-C7080-01-10S8	BLACK		



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SUBJECT	
Device tag list : =20-C-7080+UCP-C7080-01-3M6 - =20-C-7080+UCP-C7080-01-10S8	
ADAPTED TO P&ID REVISION	01
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
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LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
AIRPACK DWG NO.	17811-05B	
REVISION	01	
TOTAL PAGE AMOUNT	8	

# DEVICE TAG LIST

Device tag	Function text	Tech. car.	Symbol
=20-C-7080+UCP-C7080-01-10S10	BLACK		
=20-C-7080+UCP-C7080-01-10S12	=		
=20-C-7080+UCP-C7080-01-2U13			
=20-C-7080+UCP-C7080-01-3U10			
=20-C-7080+UCP-C7080-01-16U12	COMPRESSOR B HOURMETER HM-71101		
=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	

Device tag	Function text	Tech. car.	Symbol
=20-C-7080+LP-C7080-01-3H8	AMBER		
=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	6A		
=20-C-7080+PD-C-7080-01-2F17.1	6A		



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SUBJECT		Device tag list : =20-C-7080+UCP-C7080-01-10S10 - =20-C-7080+PD-C-7080-01-2F17.1
ADAPTED TO P&ID REVISION	01	
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CLIENT REF.	Bushehr MEG Plant Project	
AIRPACK REF.	17811-05B	

DRAWN BY	htaher	=
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LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
AIRPACK DWG NO.	17811-05B	
REVISION	01	
TOTAL PAGE AMOUNT	9	

# DEVICE TAG LIST

Device tag	Function text	Tech. car.	Symbol
=20-C-7080+PD-C-7080-01-3F3		400VAC	
=20-C-7080+PD-C-7080-01-4F4		230VAC 5A	
=20-C-7080+PD-C-7080-01-5K4	COMPRESSOR B MAIN MOTOR 20-C-7080-M START/STOP		
=20-C-7080+PD-C-7080-01-5K6	COMPRESSOR B OIL HEATER LG-71101 ON/OFF		
=20-C-7080+PD-C-7080-01-4TH8		Thermostat	
=20-C-7080+PD-C-7080-01-3U3			
=20-C-7080+PD-C-7080-01-4U4			
=20-C-7080+PD-C-7080-01-2V17		400VAC 24VDC 5A	

Device tag	Function text	Tech. car.	Symbol
=20-C-7080+PD-C-7080-01-X10			$\phi 2$

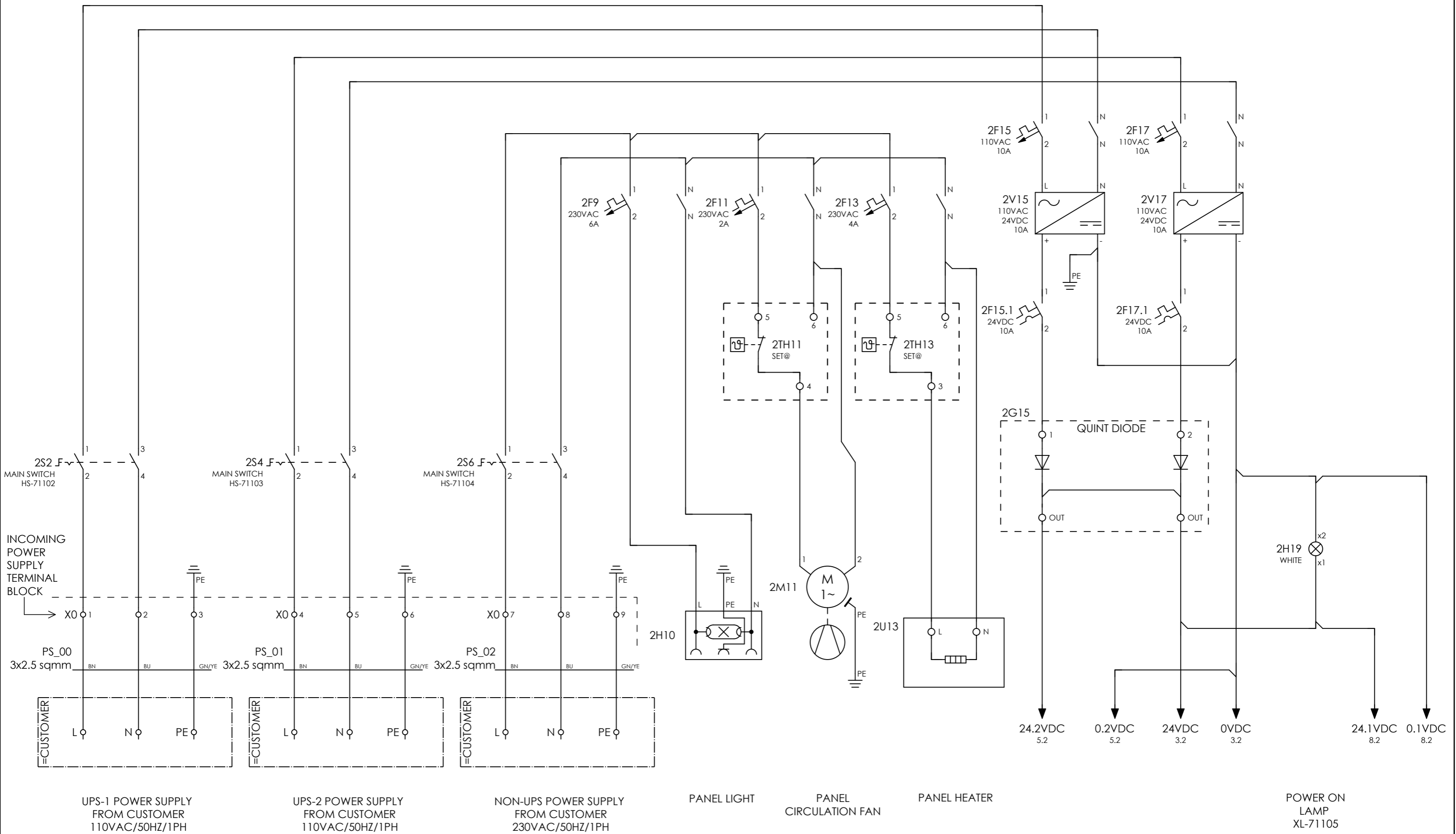
# UNIT CONTROL PANEL UCP-C7080-01

## TERMINAL STRIP DEFINITION

- 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
- X11 = SIGNALS FROM DCS



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	EQUIPMENT NO.	20-C-7080	TERMINAL STRIP DEFINITION		CHECKED BY	RBE	+ UCP-C7080-01
	EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	01	LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
			CLIENT	Bushehr Petrochemical Company (BUPC)	AIRPACK DWG NO.	17811-05B	
			CLIENT REF.	Bushehr MEG Plant Project	REVISION	01	
		AIRPACK REF.	17811-05B	TOTAL PAGE AMOUNT	11		



UPS-1 POWER SUPPLY FROM CUSTOMER 110VAC/50HZ/1PH

UPS-2 POWER SUPPLY FROM CUSTOMER 110VAC/50HZ/1PH

NON-UPS POWER SUPPLY FROM CUSTOMER 230VAC/50HZ/1PH

PANEL LIGHT

PANEL CIRCULATION FAN

PANEL HEATER

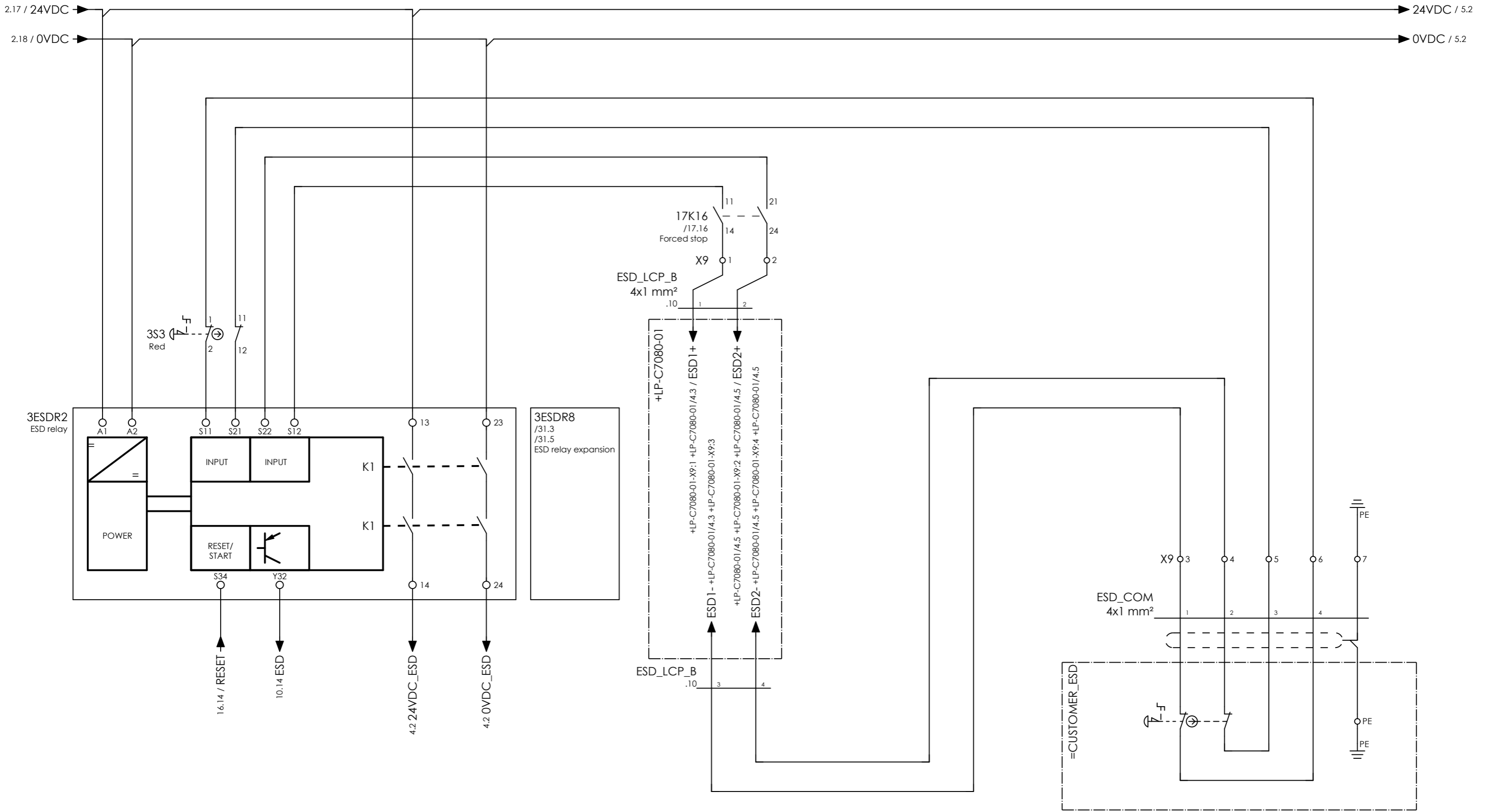
POWER ON LAMP XL-71105



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT POWER SUPPLY	
ADAPTED TO P&ID REVISION	01
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CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	htaher	= 20-C-7080
CHECKED BY	RBE	+ UCP-C7080-01
LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
AIRPACK DWG NO.	17811-05B	
REVISION	01	
TOTAL PAGE AMOUNT	12	



EMERGENCY SHUTDOWN RELAY

EMERGENCY STOP BUTTON ON PANEL PB-71107

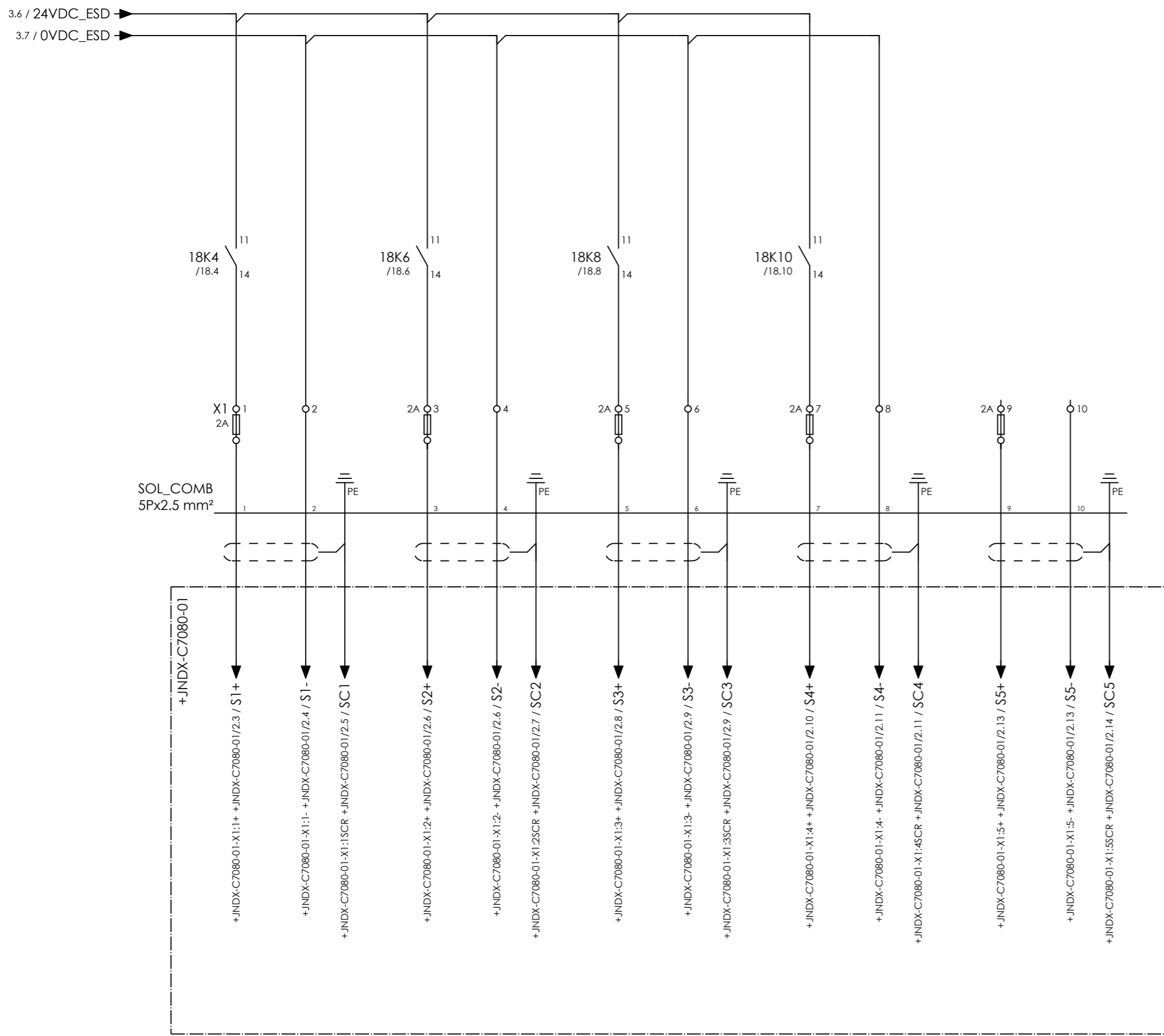
EMERGENCY SHUTDOWN FROM CUSTOMER HS-715-SD-1



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

DRAWN BY	htaher	= 20-C-7080
CHECKED BY	RBE	+ UCP-C7080-01
LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
AIRPACK DWG NO.	17811-05B	
REVISION	01	
TOTAL PAGE AMOUNT	13	



COMPRESSOR B  
INLET  
SOLENOID VALVE  
XY-71101

COMPRESSOR B  
COOLING WATER INLET  
SOLENOID VALVE  
XY-71102

SPARE

SPARE

SPARE

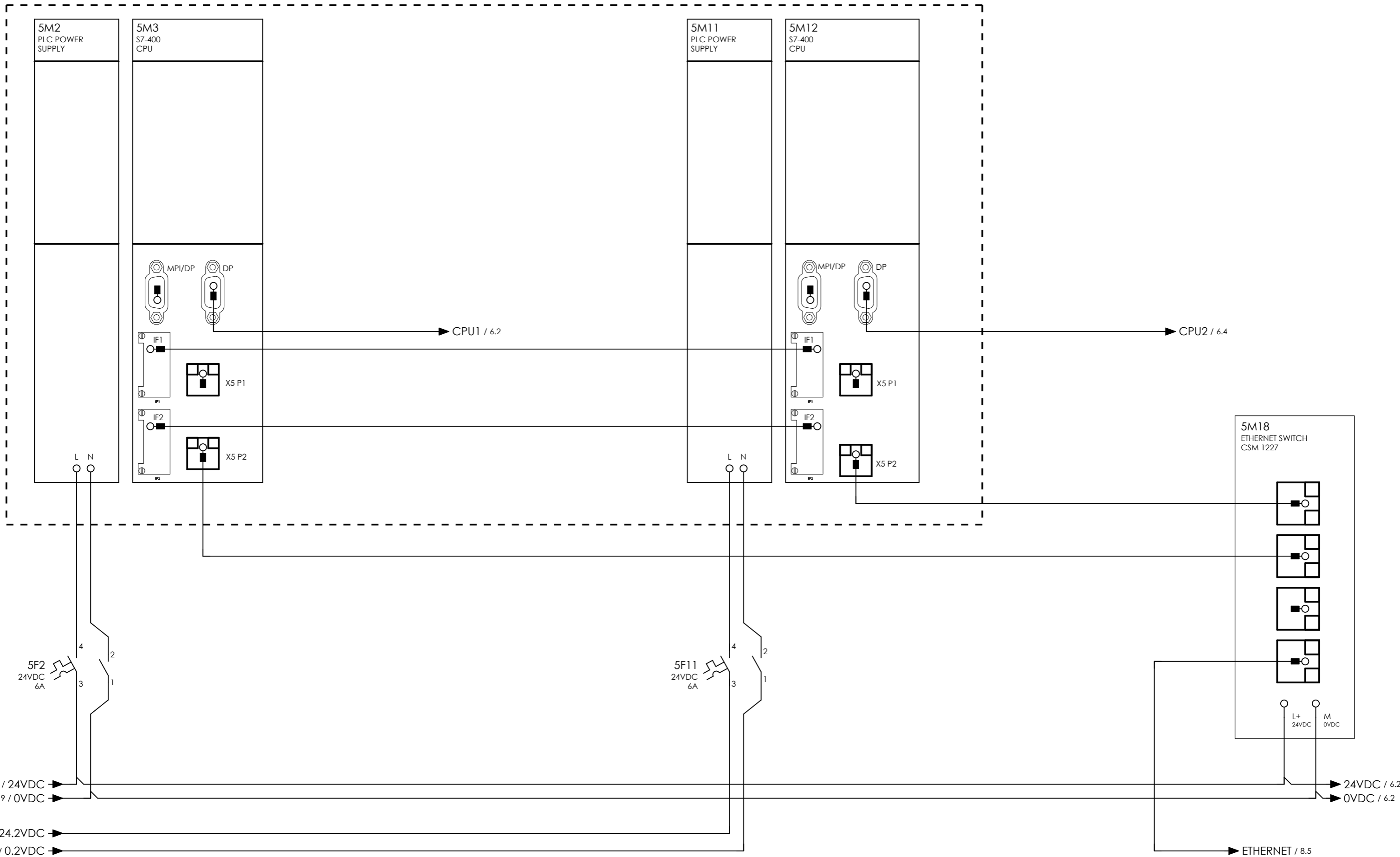


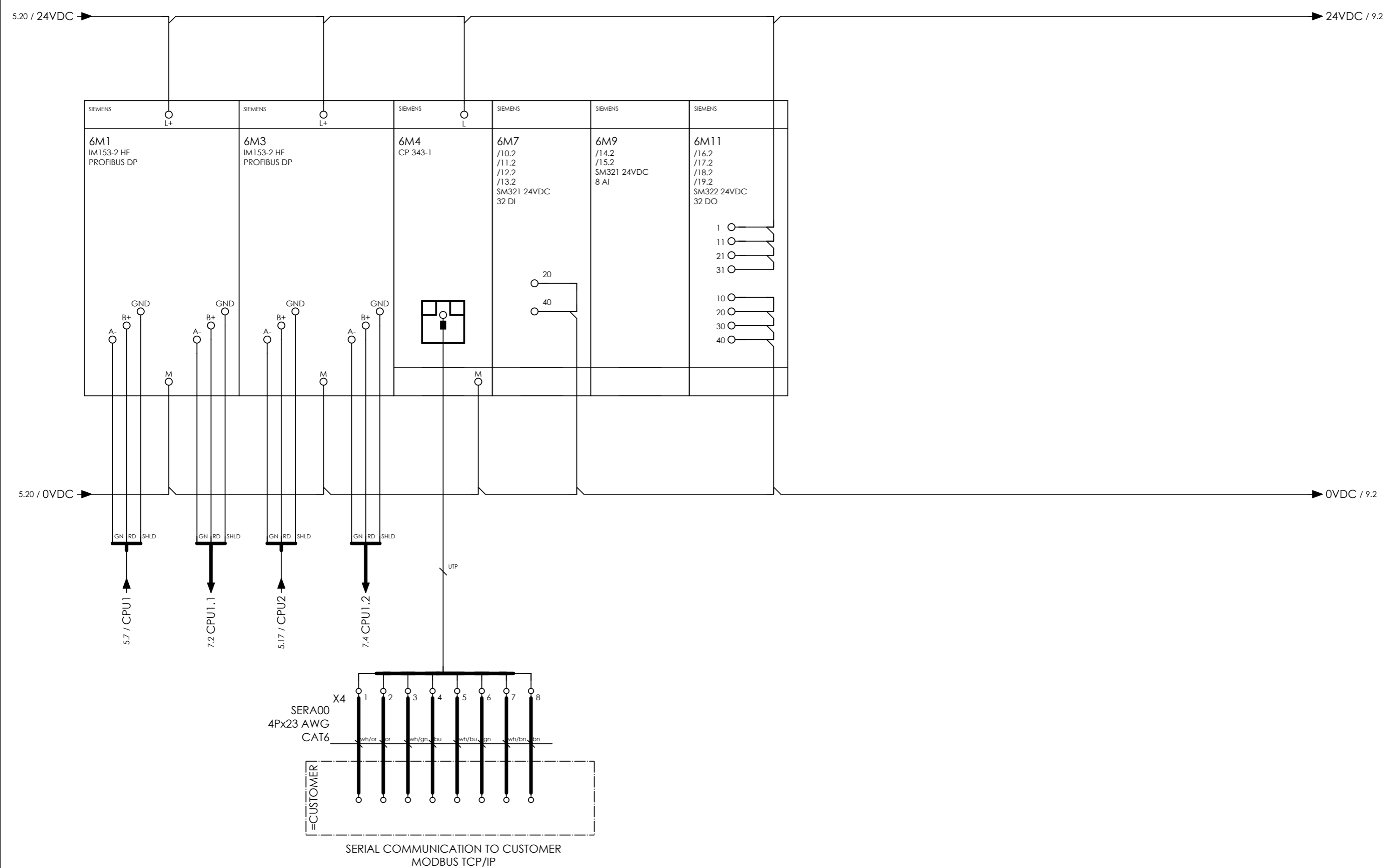
CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT SOLENOIDS	
ADAPTED TO P&ID REVISION	01
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	htaher
CHECKED BY	RBE
LAST MODIFICATION DATE	15/10/2021
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REVISION	01
TOTAL PAGE AMOUNT	14

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+ UCP-C7080-01
CURRENT PAGE

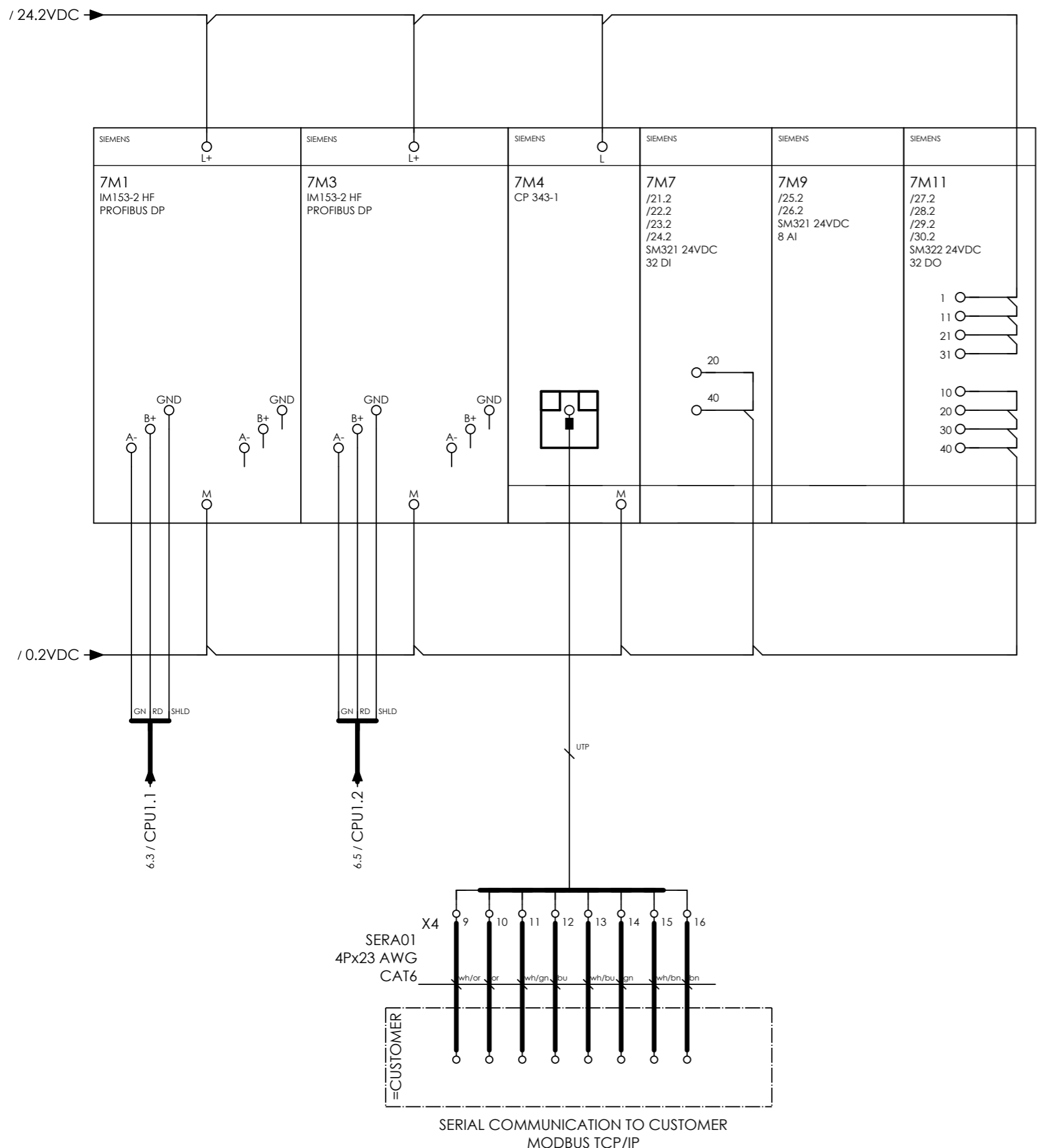




CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT		IO RACK I	
ADAPTED TO P&ID REVISION	01	CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project	AIRPACK REF.	17811-05B

DRAWN BY	htaher	= 20-C-7080
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LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
AIRPACK DWG NO.	17811-05B	
REVISION	01	
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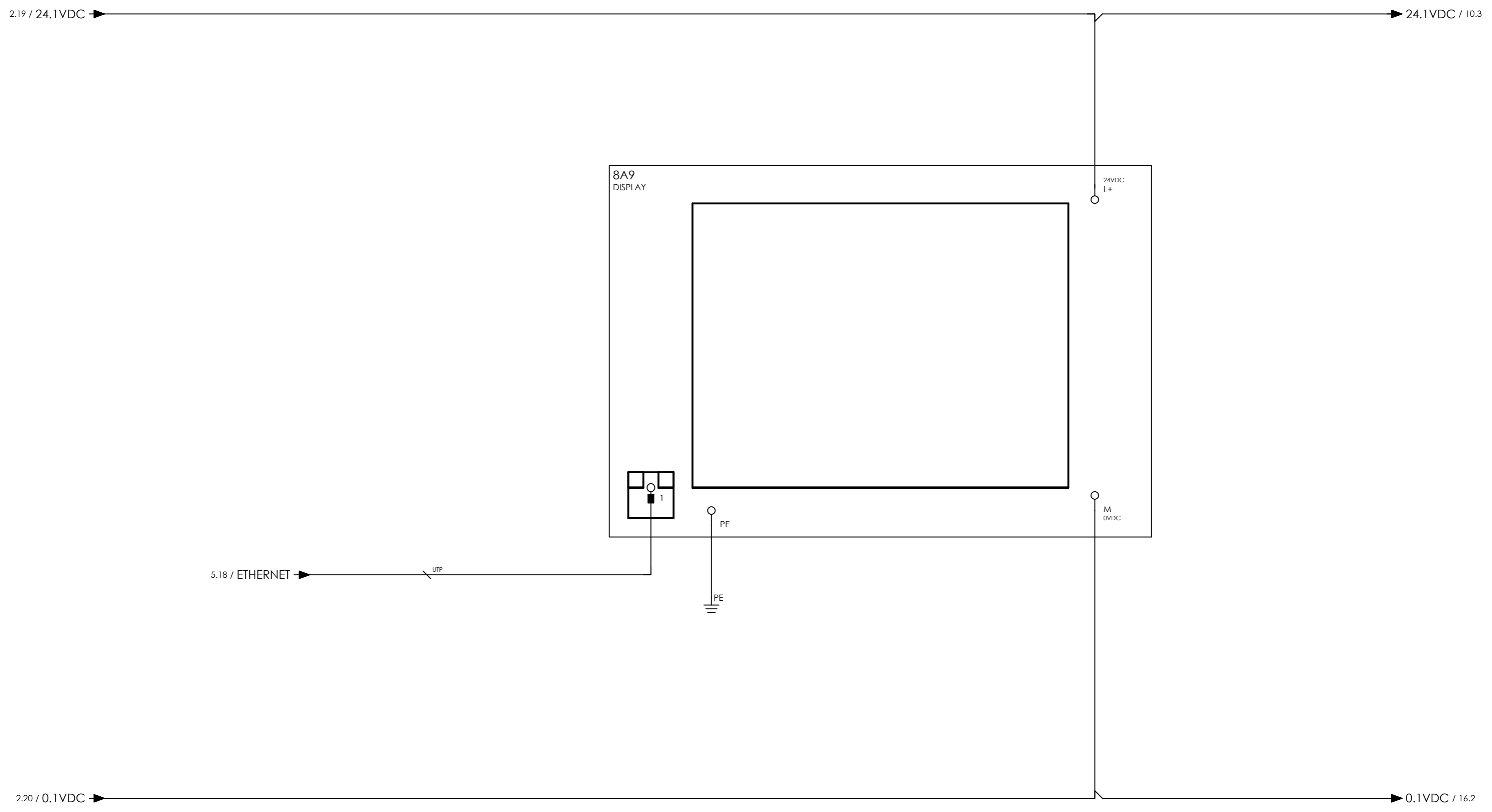


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT IO RACK II	
ADAPTED TO P&ID REVISION	01
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	htaher
CHECKED BY	RBE
LAST MODIFICATION DATE	15/10/2021
AIRPACK DWG NO.	17811-05B
REVISION	01
TOTAL PAGE AMOUNT	17

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+ UCP-C7080-01
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CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
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EQUIPMENT LOCATION	Iran, Onshore

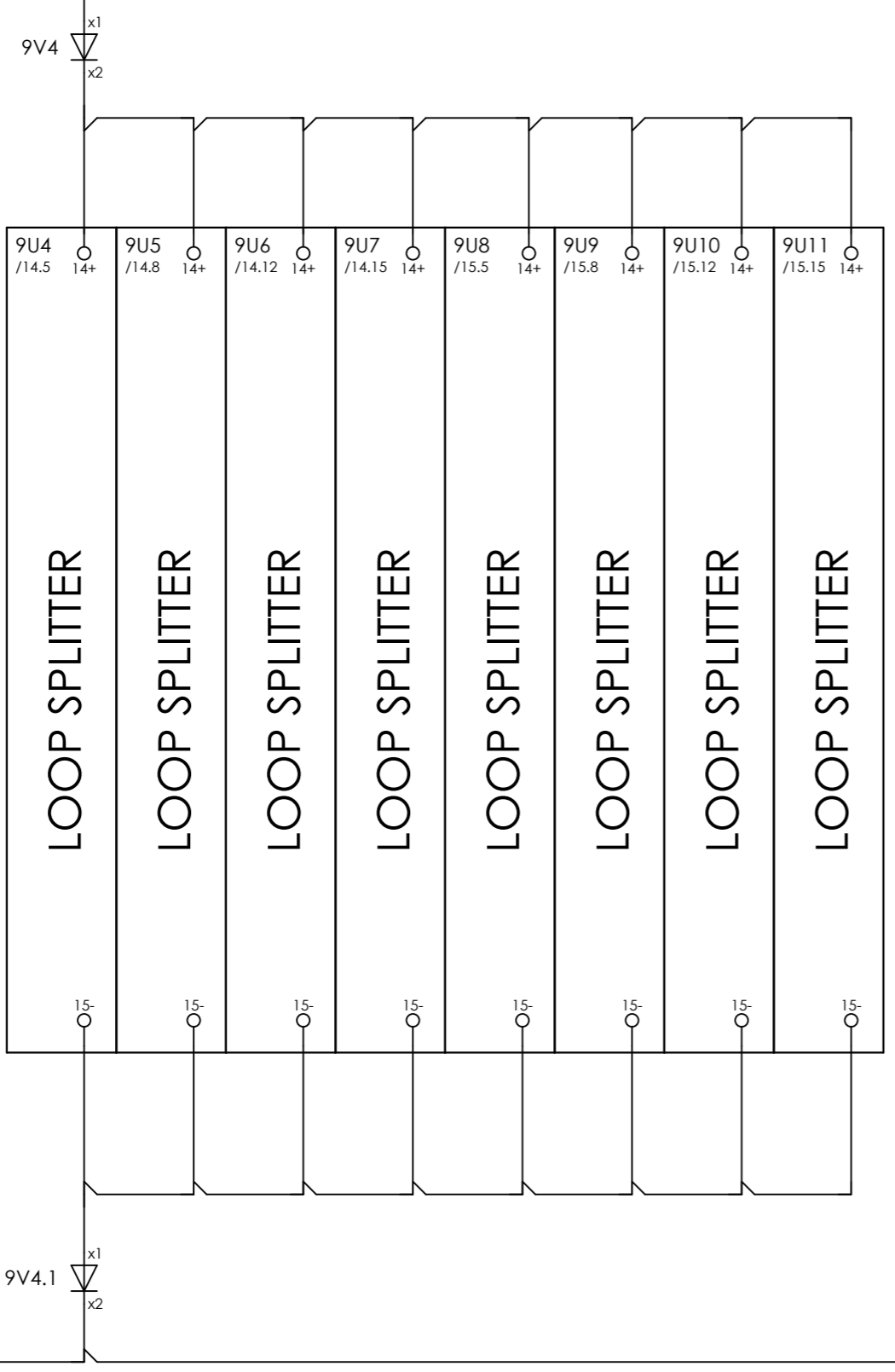
SUBJECT DISPLAY	
ADAPTED TO P&ID REVISION	01
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	htaher
CHECKED BY	RBE
LAST MODIFICATION DATE	15/10/2021
AIRPACK DWG NO.	17811-05B
REVISION	01
TOTAL PAGE AMOUNT	18

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

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6.18 / 24VDC → 24VDC / 11.3



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093	SUBJECT		DRAWN BY	htaher	= 20-C-7080
EQUIPMENT NO.	20-C-7080	LOOP SPLITTERS		CHECKED BY	RBE	+ UCP-C7080-01
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	01	LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
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		CLIENT REF.	Bushehr MEG Plant Project	REVISION	01	
		AIRPACK REF.	17811-05B	TOTAL PAGE AMOUNT	19	

8.19 / 24.1VDC → 24.1VDC /

10S4 E  
GREEN

10S6 E  
RED

10S8 E  
BLACK

10S10 E  
BLACK

10S12 E  
BLACK

ESD / 3.4

21.4 DI.1

21.6 DI.2

21.8 DI.3

21.10 DI.4

21.12 DI.5

21.14 DI.6

6M7  
16.7

16.0

16.1

16.2

16.3

16.4

16.5

16.6

16.7

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

ESD  
ENGAGED

SPARE

SPARE



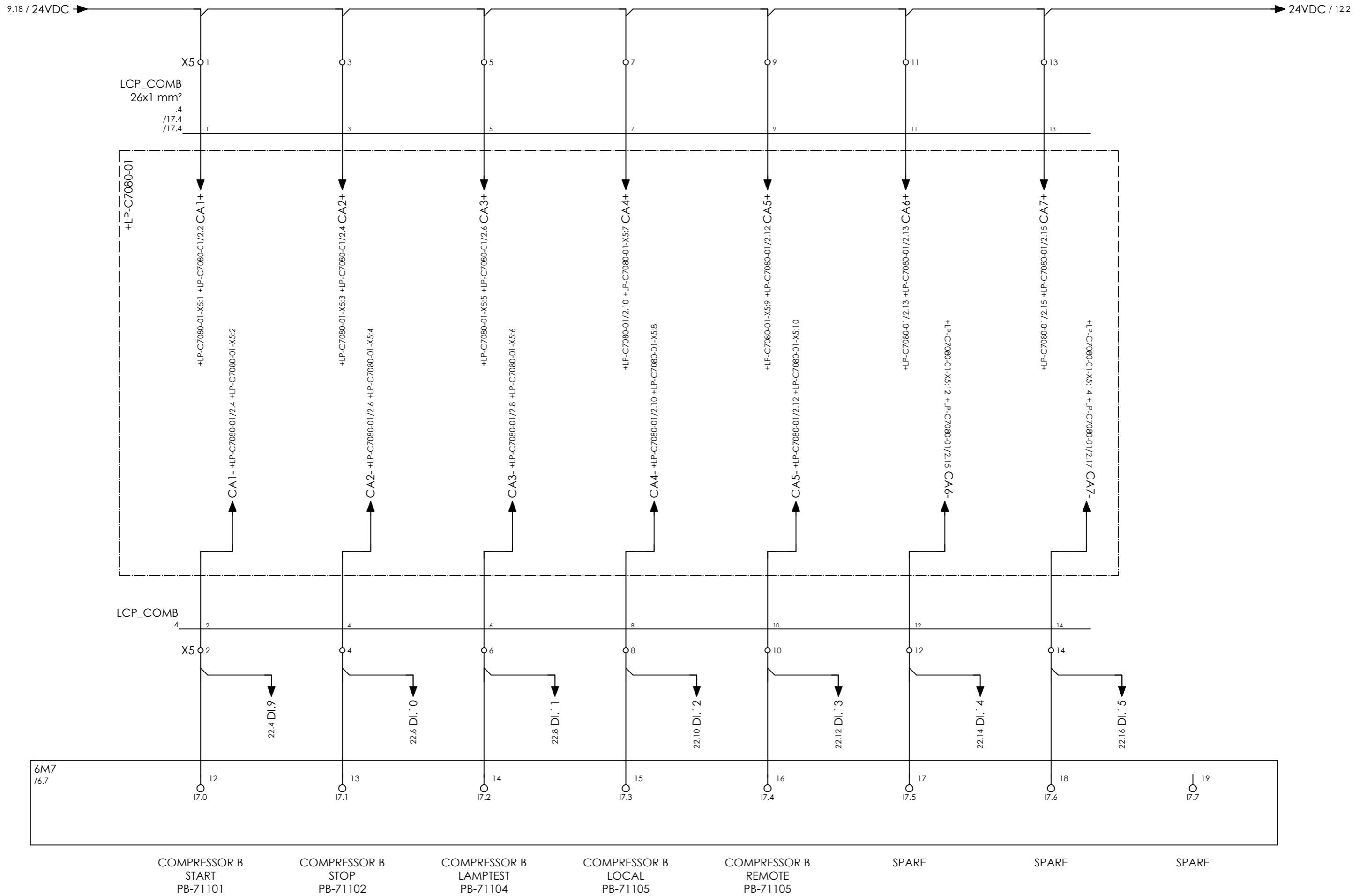
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EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore

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SUBJECT DIGITAL INPUTS I	
ADAPTED TO P&ID REVISION	01
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

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LAST MODIFICATION DATE	15/10/2021
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REVISION	01
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+ UCP-C7080-01
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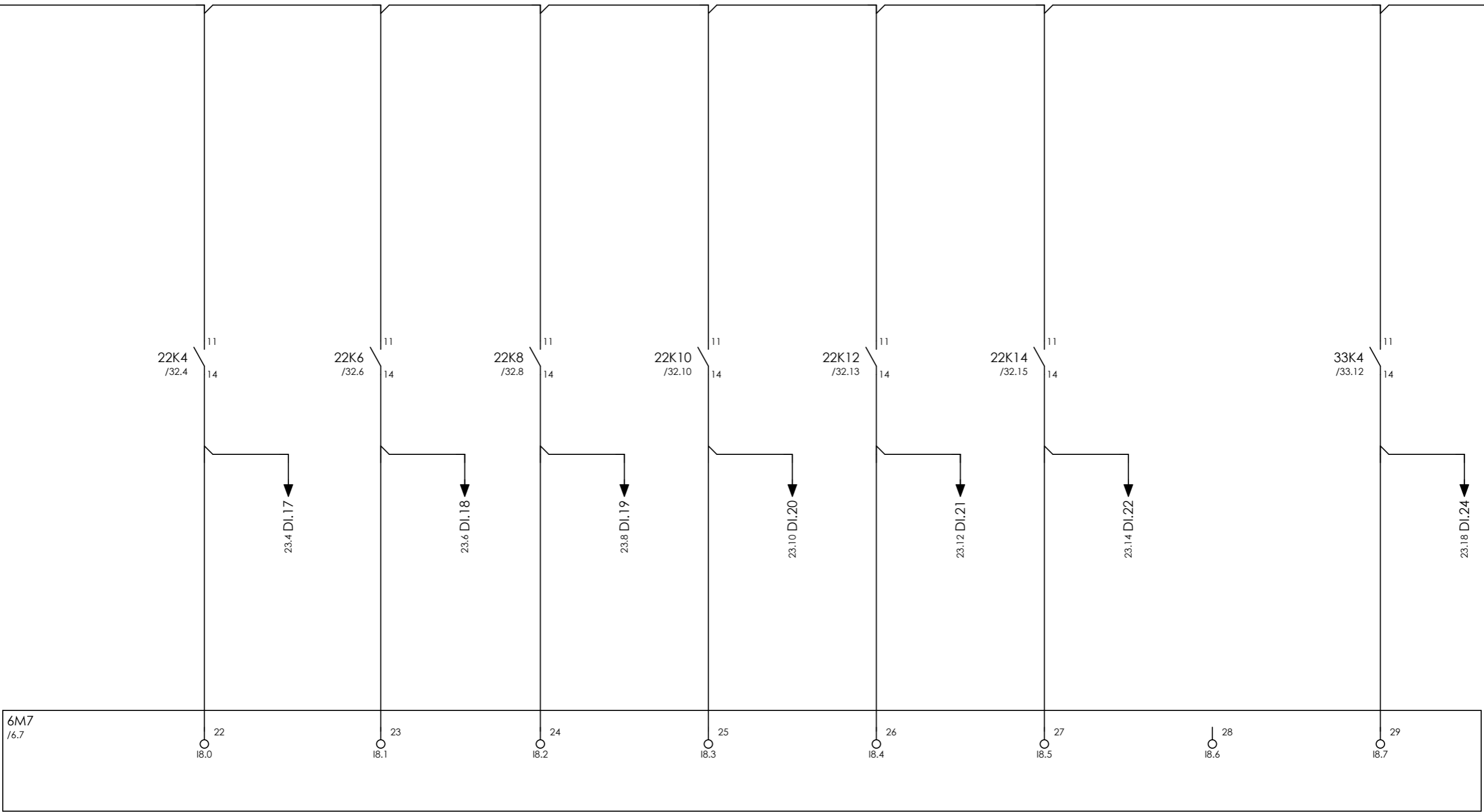


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore

SUBJECT DIGITAL INPUTS I	
ADAPTED TO P&ID REVISION	01
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

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CHECKED BY	RBE	+ UCP-C7080-01
LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
AIRPACK DWG NO.	17811-05B	
REVISION	01	
TOTAL PAGE AMOUNT	21	

11.19 / 24VDC → 24VDC / 32.2



COMPRESSOR B  
MAIN MOTOR 20-C-7080-M  
RUNNING

COMPRESSOR B  
MAIN MOTOR 20-C-7080-M  
FAULT

COMPRESSOR B  
OIL HEATER LG-71101  
ON

COMPRESSOR B  
OIL HEATER LG-71101  
FAULT

SPARE

SPARE

SPARE

TIME  
SYNCHRONIZATION  
XCS-715



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

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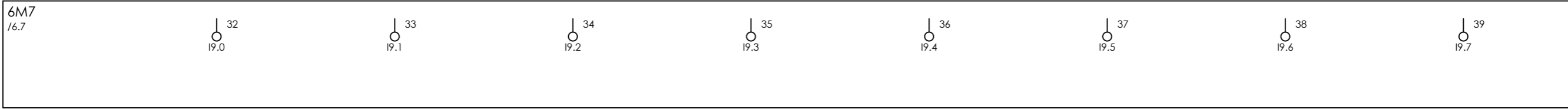
SUBJECT	DIGITAL INPUTS I
ADAPTED TO P&ID REVISION	01

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

DRAWN BY	htaher
CHECKED BY	RBE
LAST MODIFICATION DATE	15/10/2021

AIRPACK DWG NO.	17811-05B
REVISION	01
TOTAL PAGE AMOUNT	22

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



SPARE                      SPARE                      SPARE                      SPARE                      SPARE                      SPARE                      SPARE                      SPARE



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

SUBJECT	
DIGITAL INPUTS I	
ADAPTED TO P&ID REVISION	01

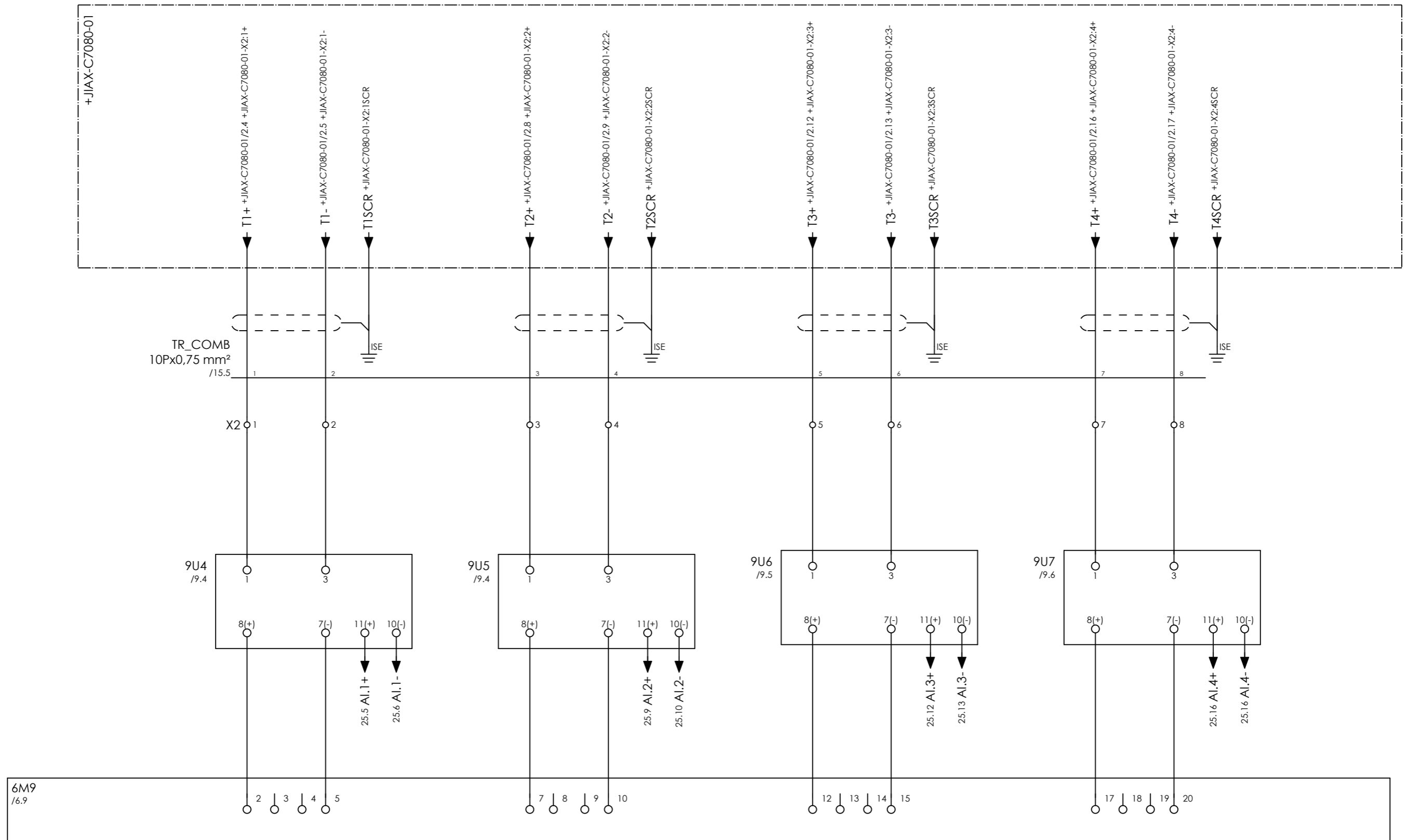
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

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LAST MODIFICATION DATE	15/10/2021

AIRPACK DWG NO.	17811-05B
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TOTAL PAGE AMOUNT	23

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+ UCP-C7080-01
CURRENT PAGE

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COMPRESSOR B  
INLET PRESSURE  
PIT-71103

COMPRESSOR B  
OIL SYSTEM PRESSURE  
PIT-71104

COMPRESSOR B  
OUTLET PPRESSURE  
PIT-71107

COMPRESSOR B  
INLET TEMPERATURE  
TIT-71101

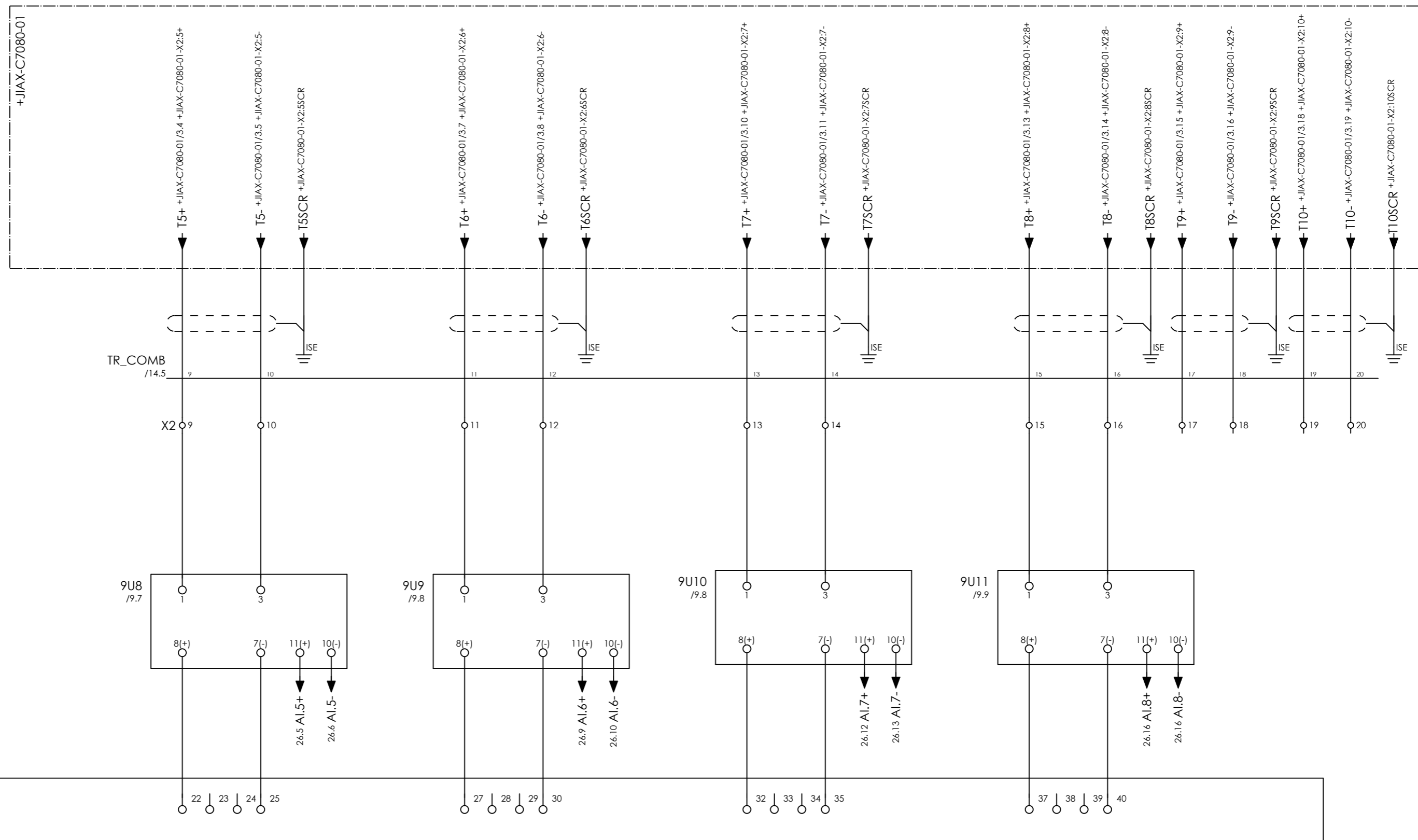


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT ANALOG INPUTS I	
ADAPTED TO P&ID REVISION	01
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

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CHECKED BY	RBE
LAST MODIFICATION DATE	15/10/2021
AIRPACK DWG NO.	17811-05B
REVISION	01
TOTAL PAGE AMOUNT	24

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



COMPRESSOR B  
UPSTREAM AFTER COOLER TEMPERATURE  
TIT-71102

COMPRESSOR B  
COOLING WATER OUTLET FLOW  
FT-71101

COMPRESSOR B  
BEARING VIBRATION  
VT-71101

SPARE

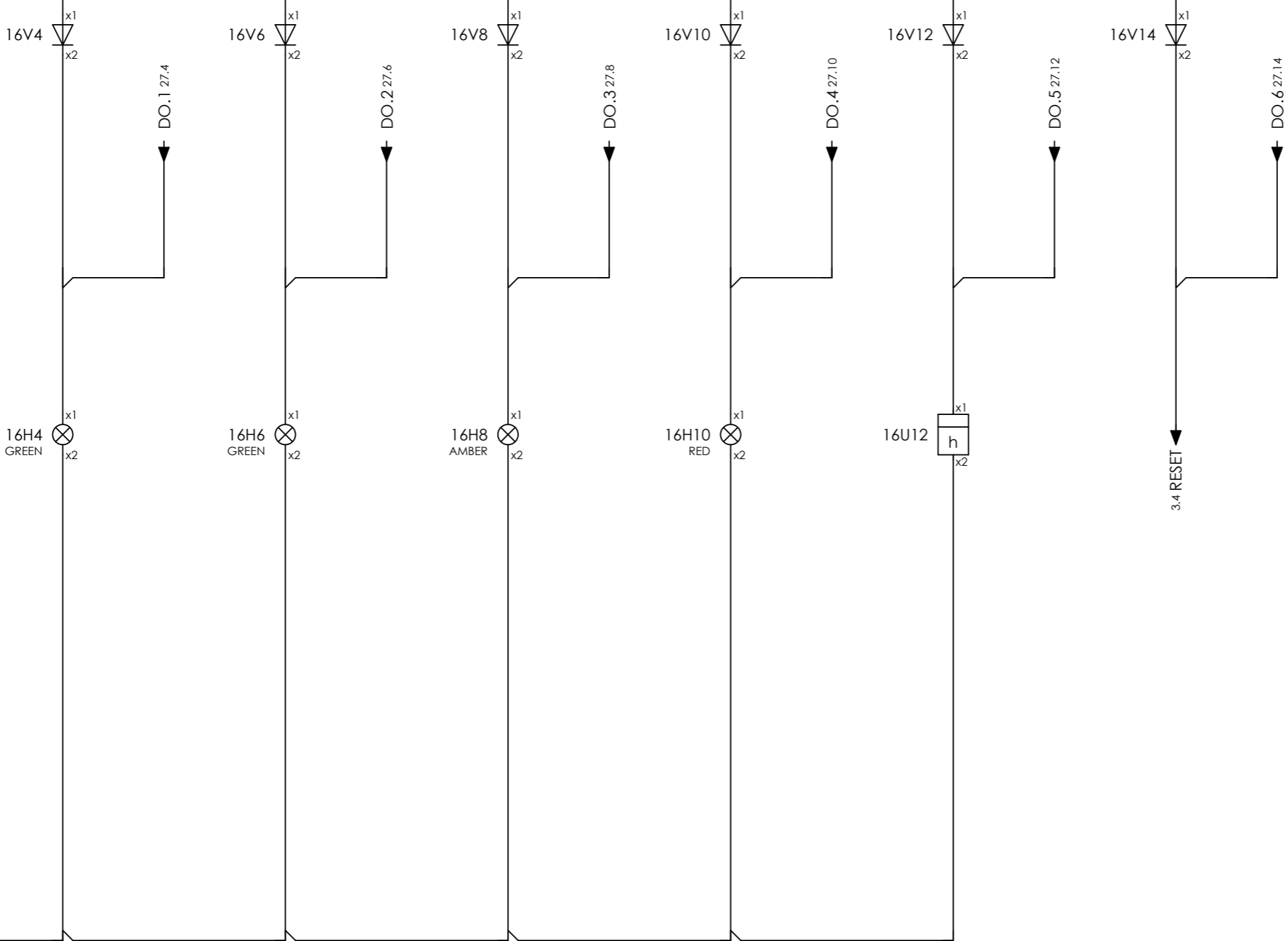
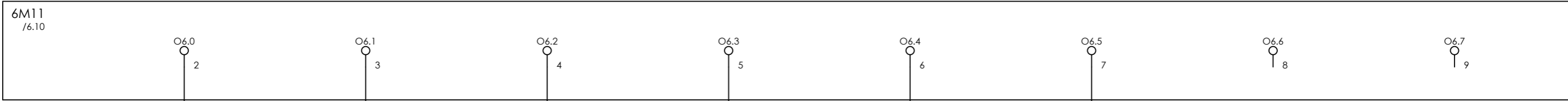


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT ANALOG INPUTS I	
ADAPTED TO P&ID REVISION	01
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	htaher	= 20-C-7080
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LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
AIRPACK DWG NO.	17811-05B	
REVISION	01	
TOTAL PAGE AMOUNT	25	

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LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
AIRPACK DWG NO.	17811-05B	
REVISION	01	
TOTAL PAGE AMOUNT	25	



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

RESET ESD RELAY

SPARE

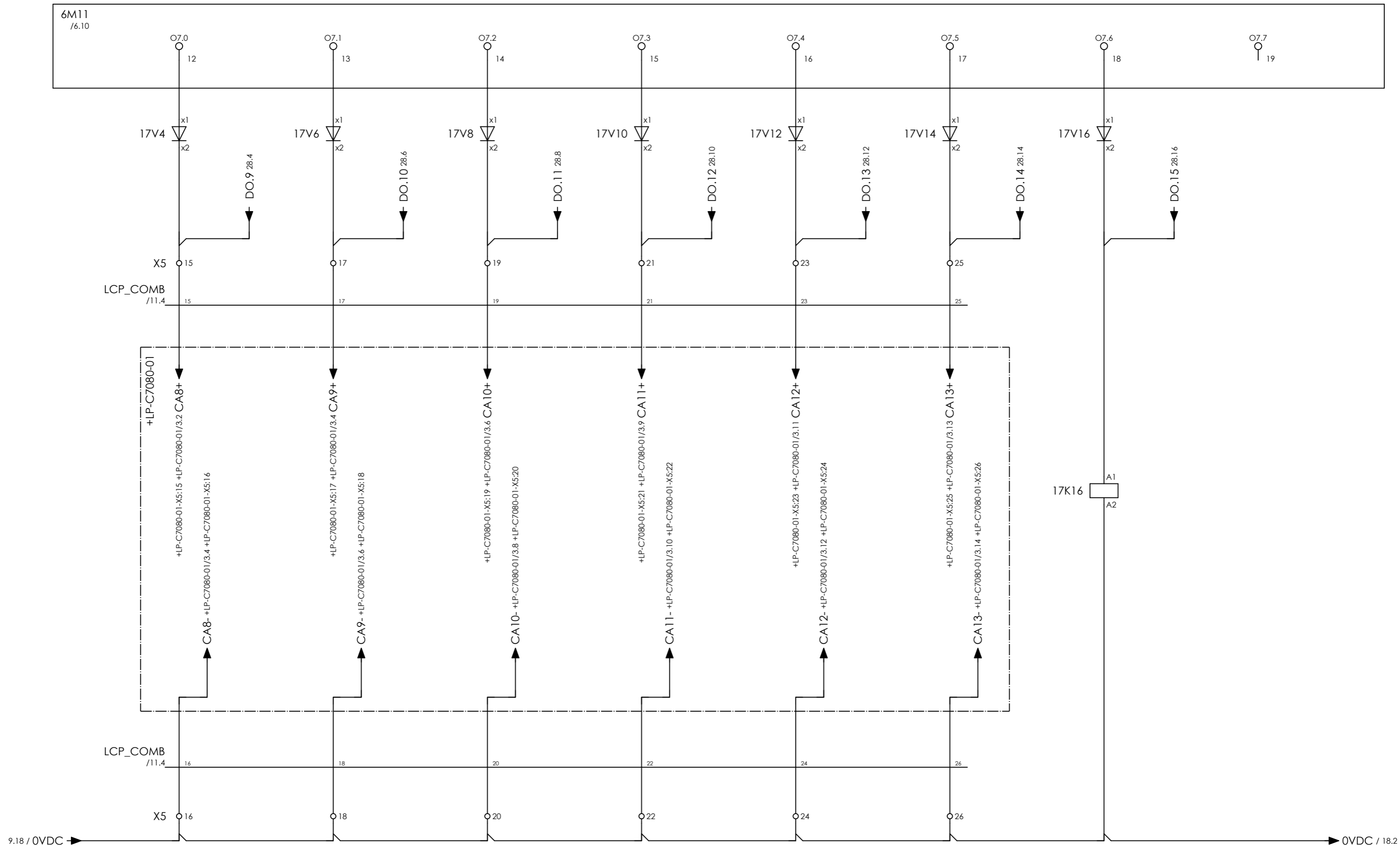
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CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore

SUBJECT	
DIGITAL OUTPUTS I	
ADAPTED TO P&ID REVISION	01
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	htaher	= 20-C-7080
CHECKED BY	RBE	+ UCP-C7080-01
LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
AIRPACK DWG NO.	17811-05B	
REVISION	01	
TOTAL PAGE AMOUNT	26	



COMPRESSOR B OPERATIONAL  
XL-71101

COMPRESSOR B RUNNING  
XL-71102

COMPRESSOR B COMMON ALARM  
XL-71103

COMPRESSOR B COMMON TRIP  
XL-71104

SPARE

SPARE

COMPRESSOR B FORCED SHUTDOWN

SPARE

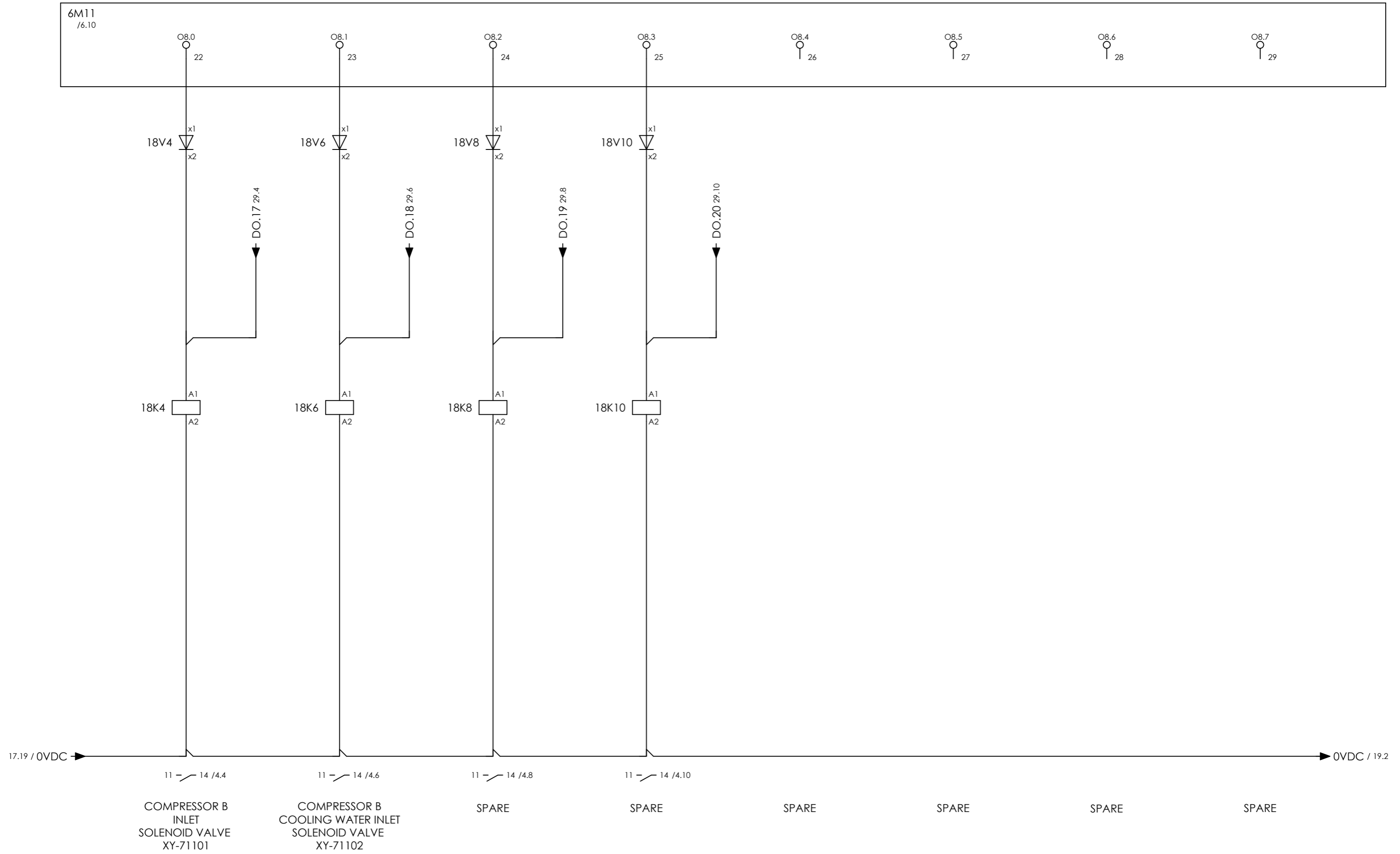
11 - 14 /3.10  
21 - 24 /3.11



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	
ADAPTED TO P&ID REVISION	01
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

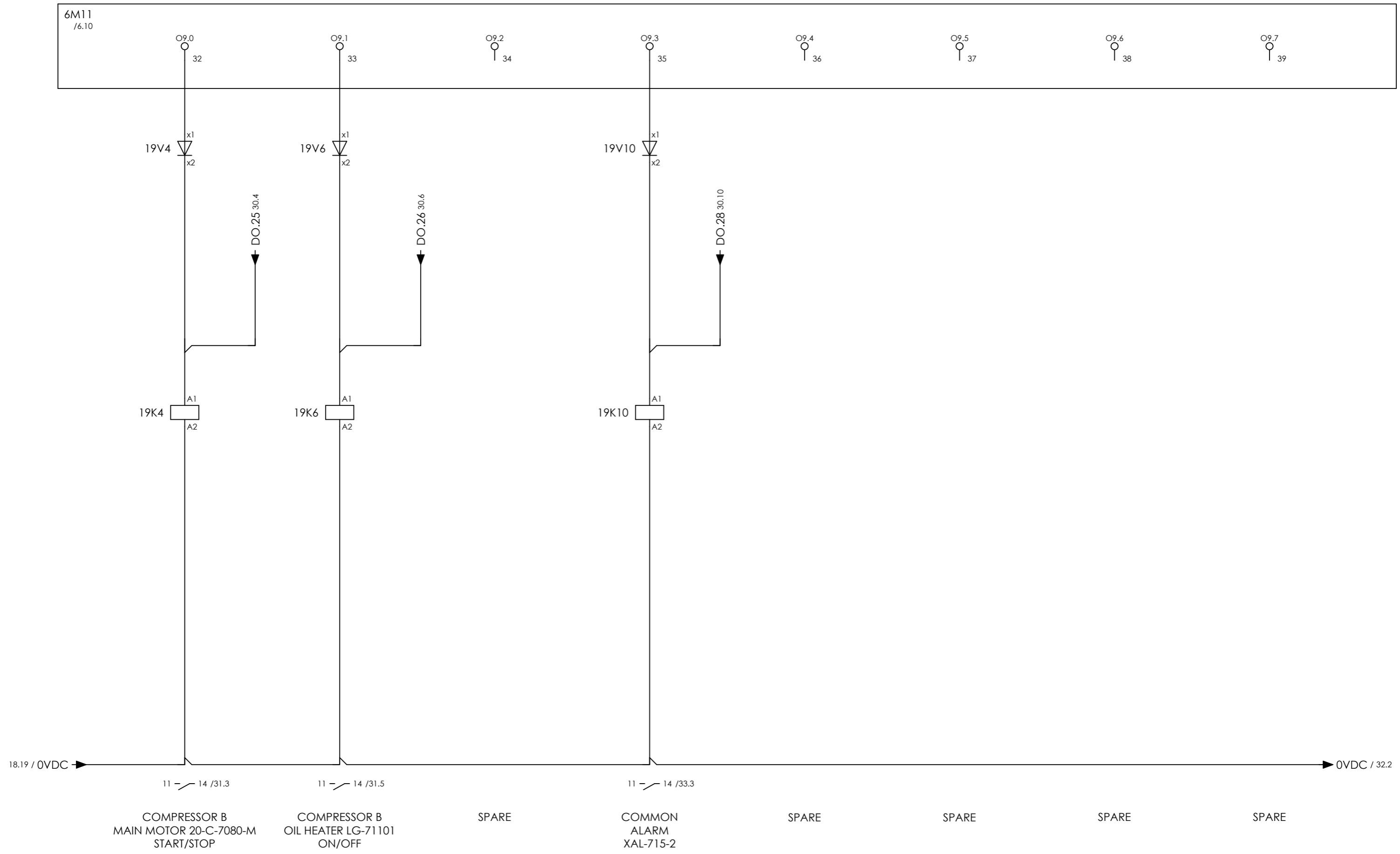
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CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore

SUBJECT	
DIGITAL OUTPUTS I	
ADAPTED TO P&ID REVISION	01
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	htaher	= 20-C-7080
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LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
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REVISION	01	
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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 OUTPUTS I	
ADAPTED TO P&ID REVISION	01
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

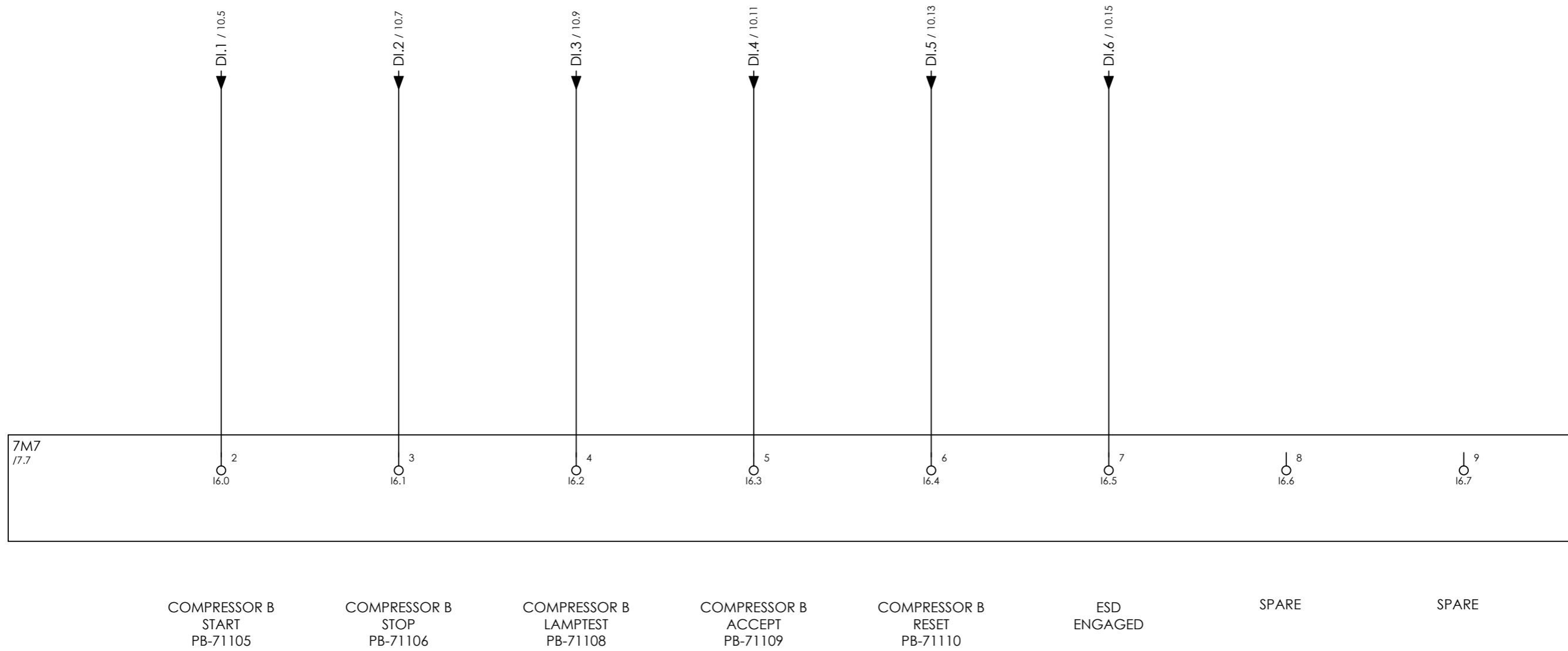
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REVISION	01
TOTAL PAGE AMOUNT	29

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+ UCP-C7080-01
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EQUIPMENT NO.	20-C-7080	EMPTY PAGE		CHECKED BY	RBE	+ UCP-C7080-01
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	01	LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
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		CLIENT REF.	Bushehr MEG Plant Project	REVISION	01	
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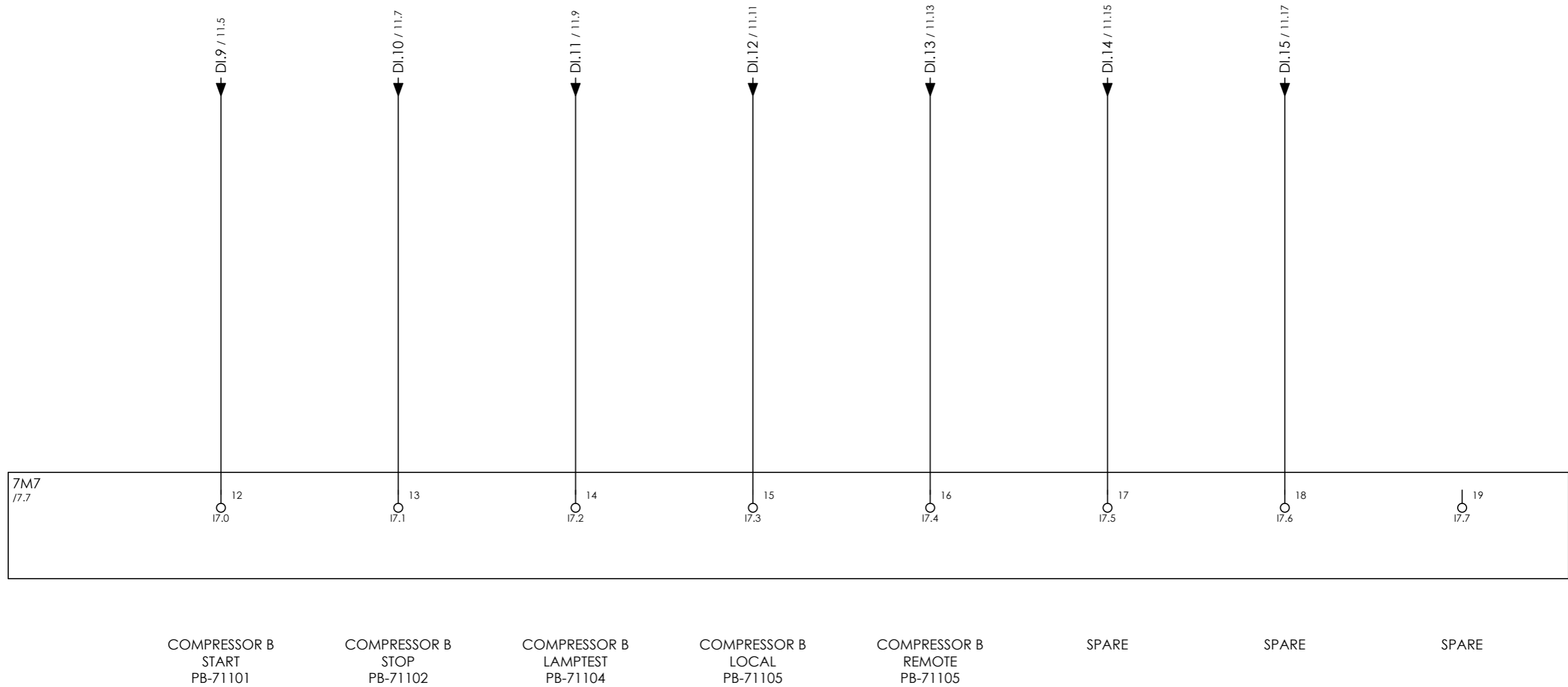


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore

SUBJECT DIGITAL INPUTS II	
ADAPTED TO P&ID REVISION	01
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	htaher
CHECKED BY	RBE
LAST MODIFICATION DATE	15/10/2021
AIRPACK DWG NO.	17811-05B
REVISION	01
TOTAL PAGE AMOUNT	31

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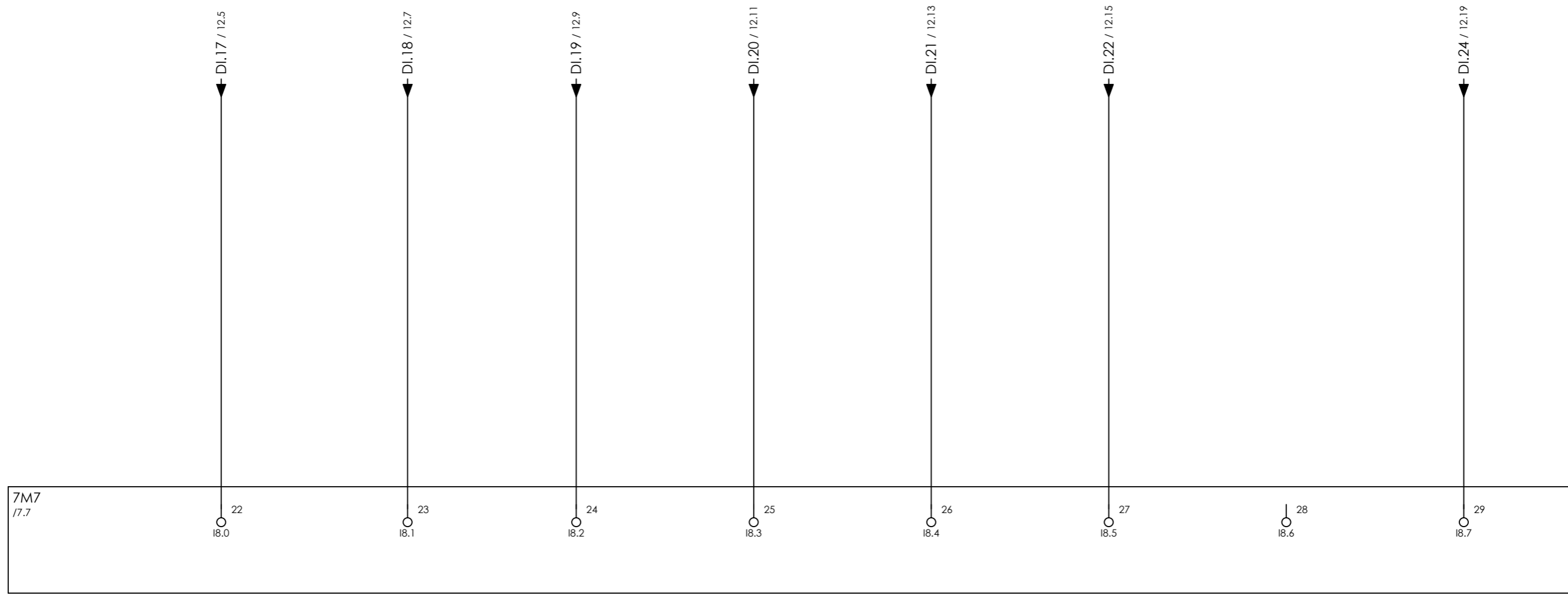


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore

SUBJECT	
DIGITAL INPUTS II	
ADAPTED TO P&ID REVISION	01
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

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LAST MODIFICATION DATE	15/10/2021
AIRPACK DWG NO.	17811-05B
REVISION	01
TOTAL PAGE AMOUNT	32

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+ UCP-C7080-01
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COMPRESSOR B  
MAIN MOTOR 20-C-7080-M  
RUNNING

COMPRESSOR B  
MAIN MOTOR 20-C-7080-M  
FAULT

COMPRESSOR B  
OIL HEATER LG-71101  
ON

COMPRESSOR B  
OIL HEATER LG-71101  
FAULT

SPARE

SPARE

SPARE

TIME  
SYNCHRONIZATION  
XCS-715

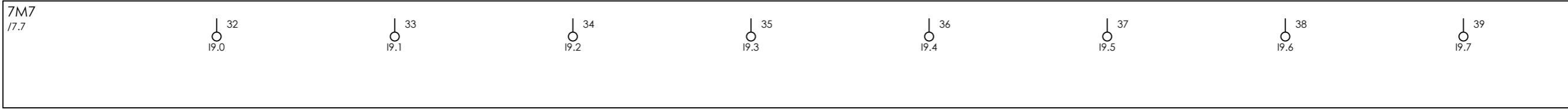


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT DIGITAL INPUTS II	
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CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

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LAST MODIFICATION DATE	15/10/2021
AIRPACK DWG NO.	17811-05B
REVISION	01
TOTAL PAGE AMOUNT	33

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+ UCP-C7080-01
CURRENT PAGE



SPARE                      SPARE                      SPARE                      SPARE                      SPARE                      SPARE                      SPARE                      SPARE



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

SUBJECT DIGITAL INPUTS II	
ADAPTED TO P&ID REVISION	01

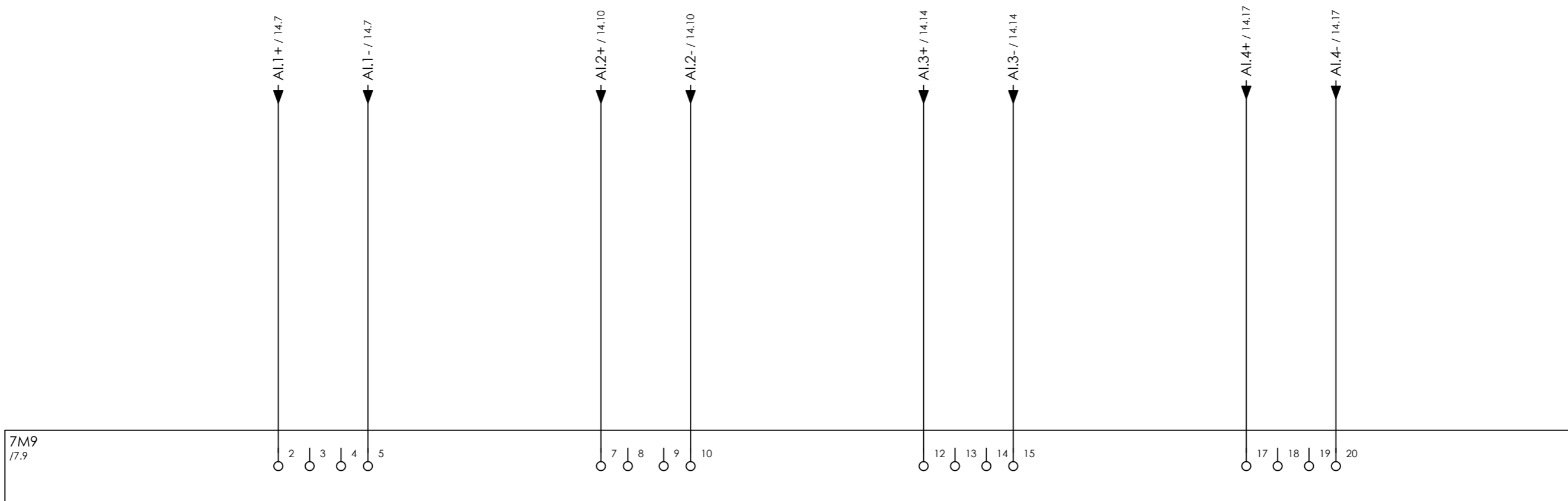
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

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LAST MODIFICATION DATE	15/10/2021

AIRPACK DWG NO.	17811-05B
REVISION	01
TOTAL PAGE AMOUNT	34

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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

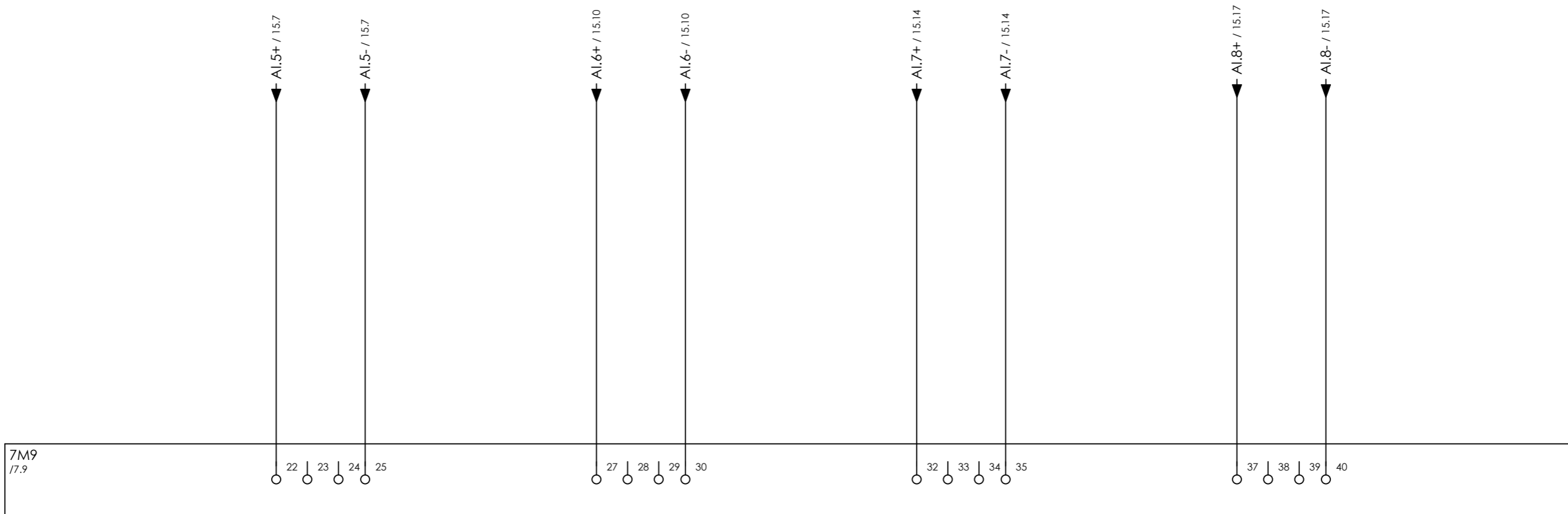


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT ANALOG INPUTS II	
ADAPTED TO P&ID REVISION	01
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

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LAST MODIFICATION DATE	15/10/2021
AIRPACK DWG NO.	17811-05B
REVISION	01
TOTAL PAGE AMOUNT	35

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



COMPRESSOR B  
UPSTREAM AFTER COOLER TEMPERATURE  
TIT-71102

COMPRESSOR B  
COOLING WATER OUTLET FLOW  
FT-71101

COMPRESSOR B  
BEARING VIBRATION  
VT-71101

SPARE

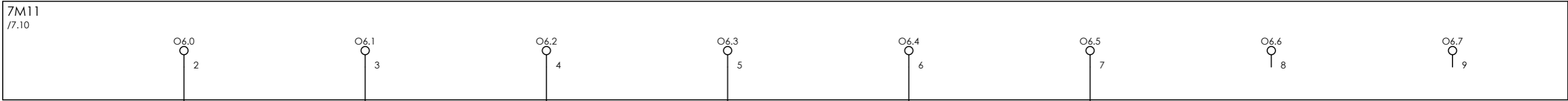


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT ANALOG INPUTS II	
ADAPTED TO P&ID REVISION	01
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

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LAST MODIFICATION DATE	15/10/2021
AIRPACK DWG NO.	17811-05B
REVISION	01
TOTAL PAGE AMOUNT	36

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+ UCP-C7080-01
CURRENT PAGE



27V4  
x1  
x2  
16.5 / DO.1

27V6  
x1  
x2  
16.7 / DO.2

27V8  
x1  
x2  
16.9 / DO.3

27V10  
x1  
x2  
16.11 / DO.4

27V12  
x1  
x2  
16.13 / DO.5

27V14  
x1  
x2  
16.15 / DO.6

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

RESET  
ESD RELAY

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	htaher	= 20-C-7080
DIGITAL OUTPUTS II		CHECKED BY	RBE	+ UCP-C7080-01
ADAPTED TO P&ID REVISION	01	LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
CLIENT	Bushehr Petrochemical Company (BUPC)	AIRPACK DWG NO.	17811-05B	
CLIENT REF.	Bushehr MEG Plant Project	REVISION	01	
AIRPACK REF.	17811-05B	TOTAL PAGE AMOUNT	37	



COMPRESSOR B  
OPERATIONAL  
XL-71101

COMPRESSOR B  
RUNNING  
XL-71102

COMPRESSOR B  
COMMON ALARM  
XL-71103

COMPRESSOR B  
COMMON TRIP  
XL-71104

SPARE

SPARE

COMPRESSOR B  
FORCED SHUTDOWN

SPARE

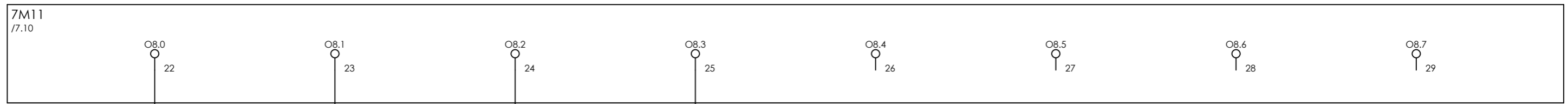


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore

SUBJECT	
DIGITAL OUTPUTS II	
ADAPTED TO P&ID REVISION	01
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	htaher
CHECKED BY	RBE
LAST MODIFICATION DATE	15/10/2021
AIRPACK DWG NO.	17811-05B
REVISION	01
TOTAL PAGE AMOUNT	38

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



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



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093	SUBJECT		DRAWN BY	htaher	= 20-C-7080
EQUIPMENT NO.	20-C-7080	DIGITAL OUTPUTS II		CHECKED BY	RBE	+ UCP-C7080-01
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	01	LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
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		CLIENT REF.	Bushehr MEG Plant Project	REVISION	01	
		AIRPACK REF.	17811-05B	TOTAL PAGE AMOUNT	39	



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

SPARE

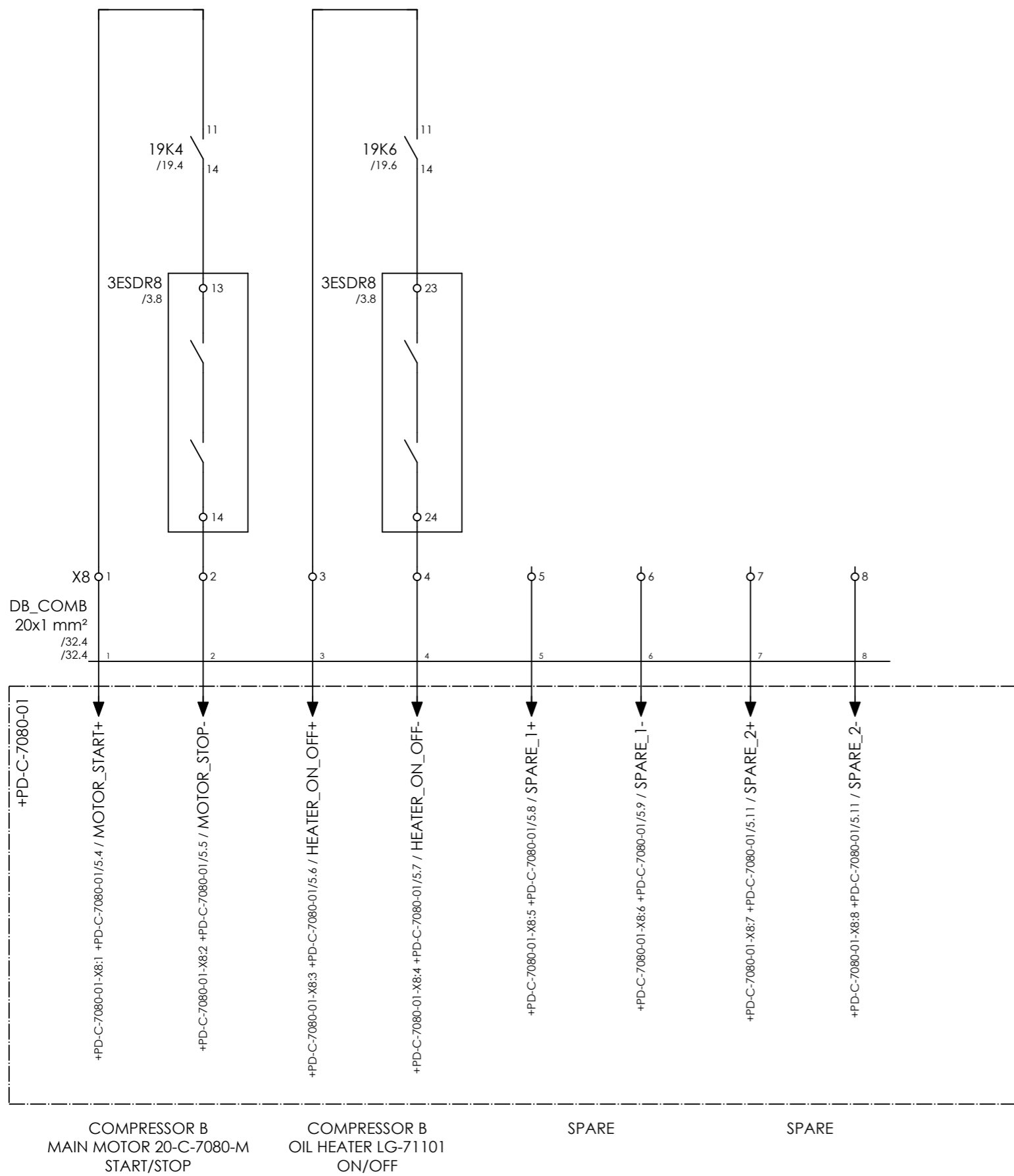
SPARE

SPARE



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CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093	SUBJECT		DRAWN BY	htaher	= 20-C-7080
EQUIPMENT NO.	20-C-7080	DIGITAL OUTPUTS II		CHECKED BY	RBE	+ UCP-C7080-01
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	01	LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
		CLIENT	Bushehr Petrochemical Company (BUPC)	AIRPACK DWG NO.	17811-05B	
		CLIENT REF.	Bushehr MEG Plant Project	REVISION	01	
		AIRPACK REF.	17811-05B	TOTAL PAGE AMOUNT	40	



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

COMPRESSOR B  
OIL HEATER LG-71 101  
ON/OFF

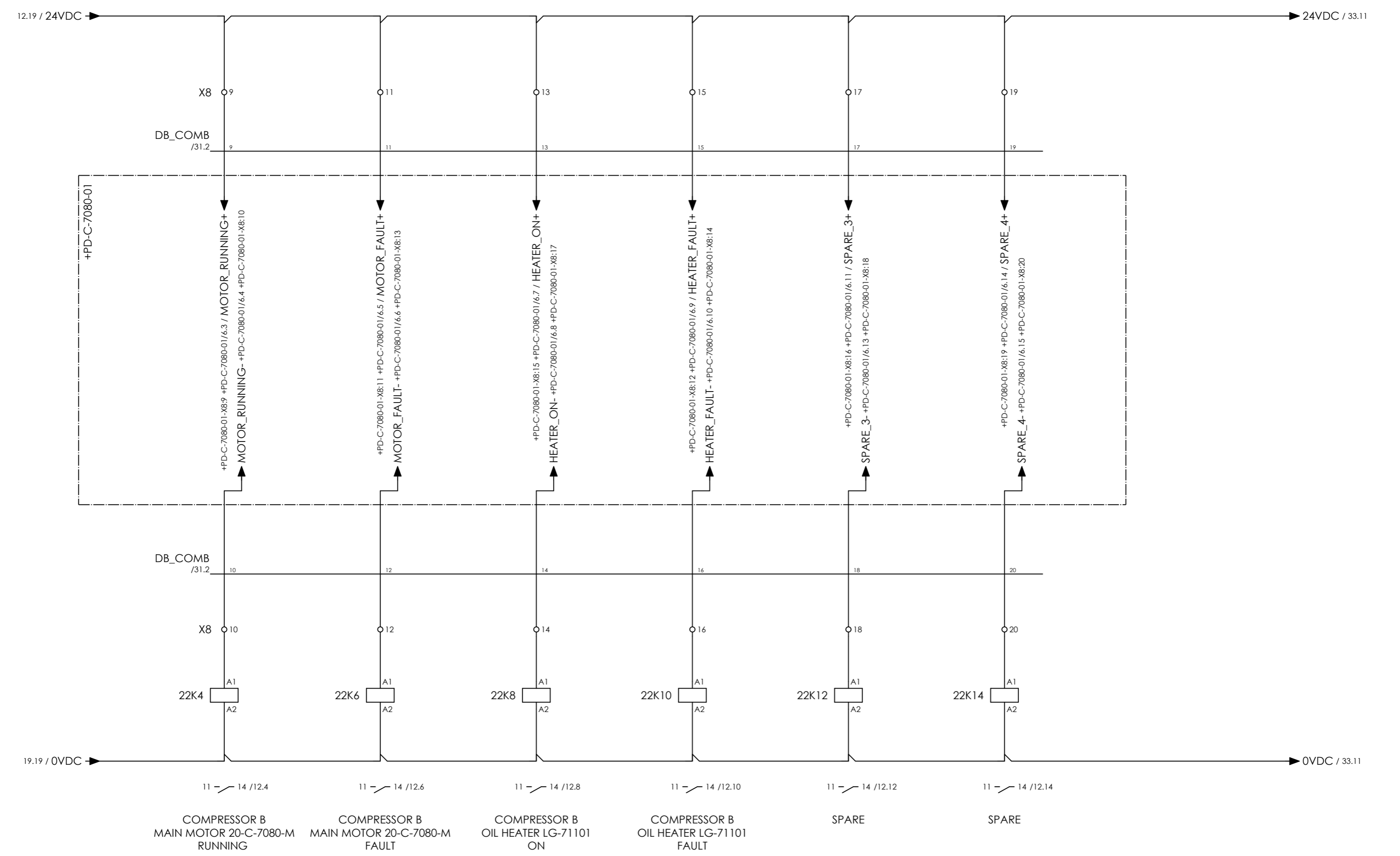
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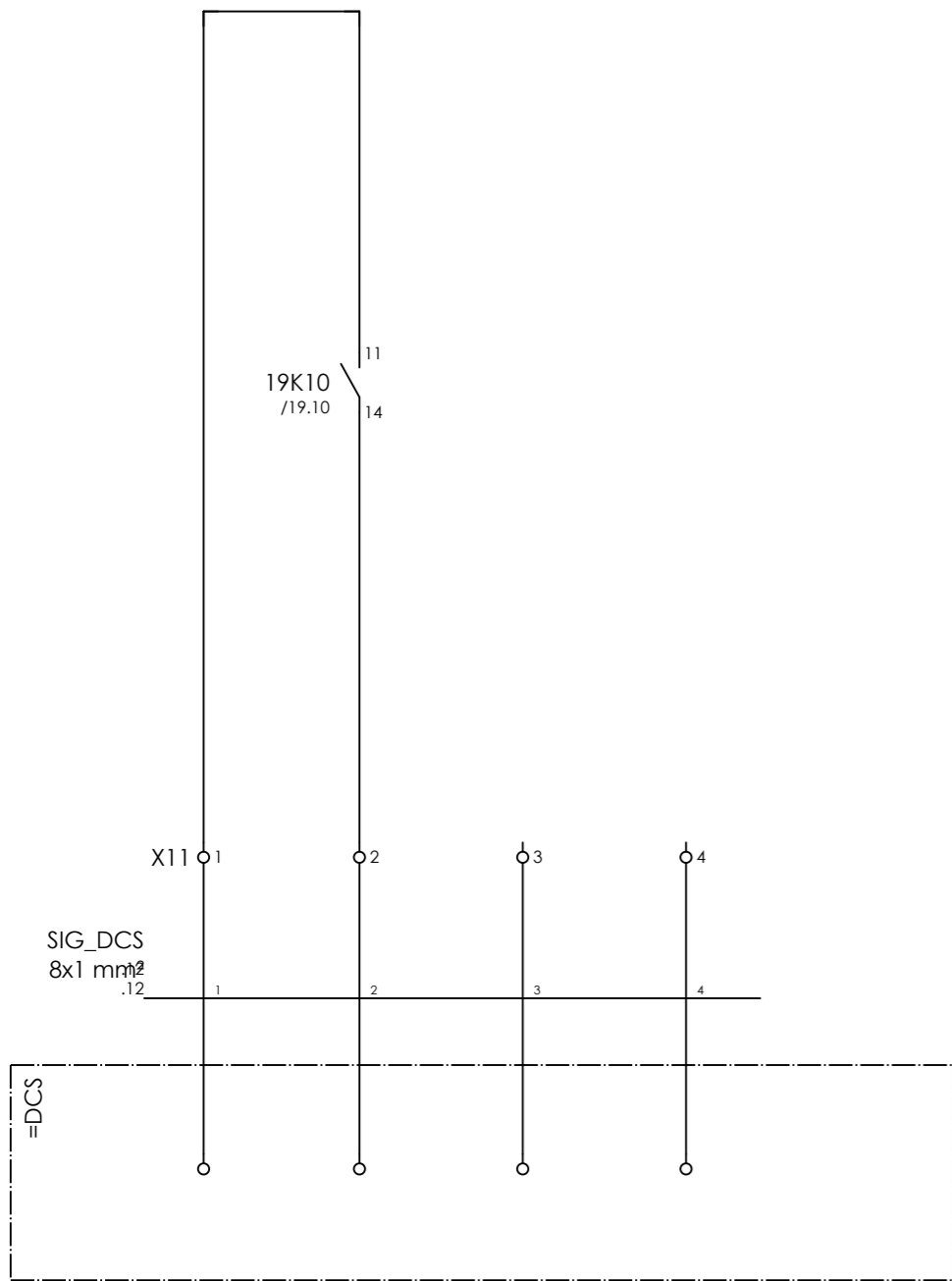


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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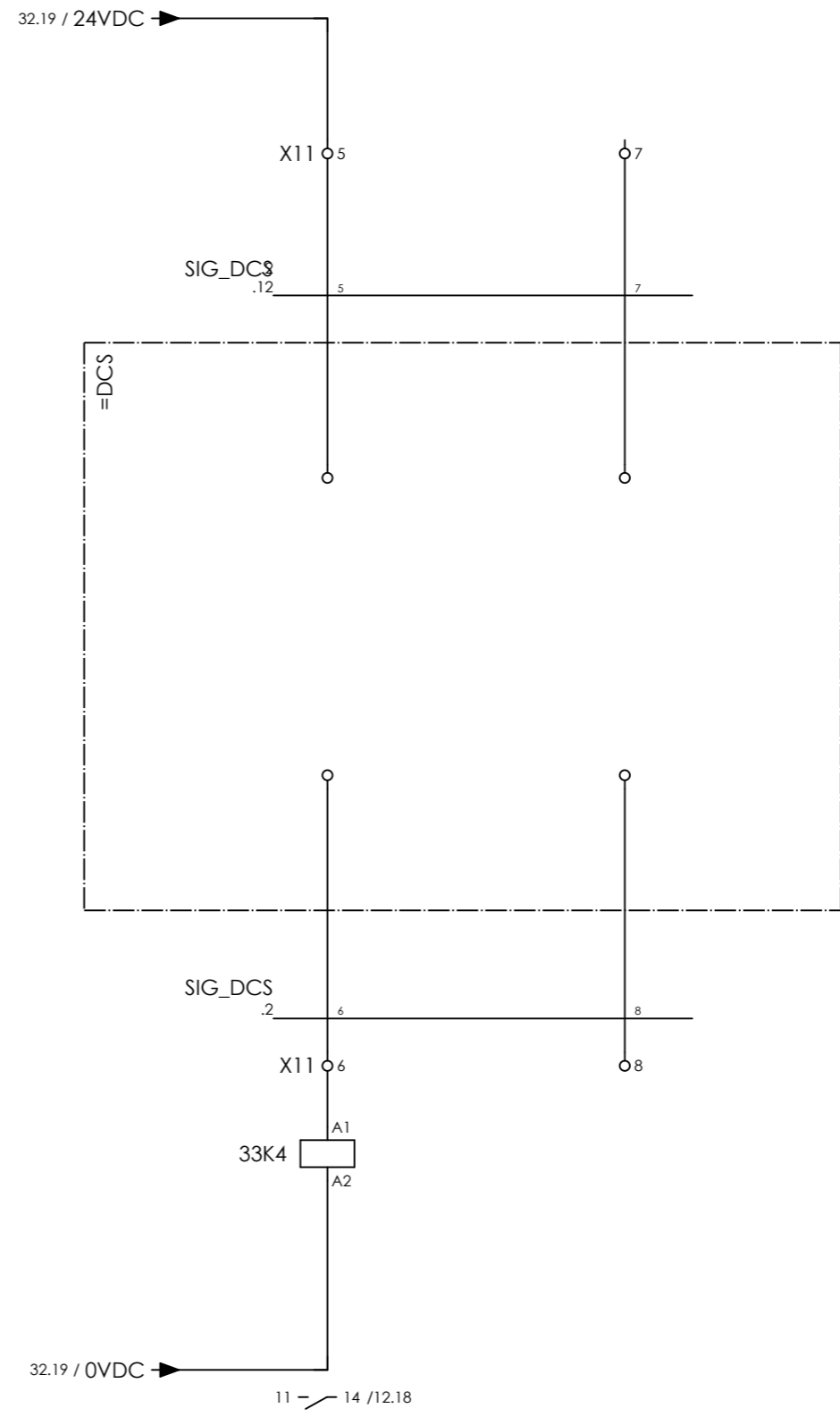
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SIGNALS TO DISTRIBUTION BOARD		CHECKED BY		RBE		+ UCP-C7080-01	
ADAPTED TO P&ID REVISION	01	LAST MODIFICATION DATE	15/10/2021		CURRENT PAGE		
CLIENT	Bushehr Petrochemical Company (BUPC)		AIRPACK DWG NO.	17811-05B			
CLIENT REF.	Bushehr MEG Plant Project		REVISION	01			
AIRPACK REF.	17811-05B		TOTAL PAGE AMOUNT	41			



CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093	SUBJECT		DRAWN BY	htaher	= 20-C-7080
EQUIPMENT NO.	20-C-7080	SIGNALS FROM DISTRIBUTION BOARD		CHECKED BY	RBE	+ UCP-C7080-01
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	01	LAST MODIFICATION DATE	15/10/2021	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	01	
		AIRPACK REF.	17811-05B	TOTAL PAGE AMOUNT	42	



COMMON ALARM XAL-715-2



TIME SYNCHRONIZATION XCS-715



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 FROM DCS	
ADAPTED TO P&ID REVISION	01
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

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LAST MODIFICATION DATE	15/10/2021
AIRPACK DWG NO.	17811-05B
REVISION	01
TOTAL PAGE AMOUNT	43

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

# Terminal diagram

Cable name		Strip =20-C-7080+20-UCP-C7080-01-X0 POWER SUPPLY 110VAC / 230VAC FROM CUSTOMER							Cable name	
Terminal	Connection point	Target designation	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point
-PS_00	3x2.5 sqmm	BN	1	.	-2S2	2	1	.	=CUSTOMER-L	2
-PS_01	3x2.5 sqmm	BU	2	.	-2S2	4	2	.	=CUSTOMER-N	4
-PS_02	3x2.5 sqmm	GN/YE	3	.		PE	3	.	=CUSTOMER-PE	PE
		BN	4	.	-2S4	2	4	.	=CUSTOMER-L	2
		BU	5	.	-2S4	4	5	.	=CUSTOMER-N	4
		GN/YE	6	.		PE	6	.	=CUSTOMER-PE	PE
		BN	7	.	-2S6	2	7	.	=CUSTOMER-L	2
		BU	8	.	-2S6	4	8	.	=CUSTOMER-N	4
		GN/YE	9	.		PE	9	.	=CUSTOMER-PE	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-X0  
 ADAPTED TO P&ID REVISION 01  
 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 01  
 TOTAL PAGE AMOUNT 44

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

# Terminal diagram

Cable name		Strip =20-C-7080+UCP-C7080-01-X1 SOLENOIDS										Cable name	
Terminal	Connection point	Target designation	Jumper	Terminal	Connection point	Target designation	Target designation	Connection point	Target designation	Connection point			
1	1	+JNDX-7000-X1		1	1	-20K4		14					
2	2	+JNDX-7000-X1		2	2	-3ESDR2		24					
3	3	+JNDX-7000-X1		3	3	-20K6		14					
4	4	+JNDX-7000-X1		4	4								
5	5	+JNDX-7000-X1		5	5	-20K8		14					
6	6	+JNDX-7000-X1		6	6								
7	7	+JNDX-7000-X1		7	7	-20K10		14					
8	8	+JNDX-7000-X1		8	8								
9	9	+JNDX-7000-X1		9	9								
10	10	+JNDX-7000-X1		10	10								



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-X1  
 ADAPTED TO P&ID REVISION 01  
 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 01  
 TOTAL PAGE AMOUNT 45

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

# Terminal diagram

Cable name		Strip =20-C-7080+UCP-C7080-01-X2 ANALOGUE INPUTS						Cable name		
Terminal	Connection point	Terminal	Jumper	Target designation	Connection point	Target designation	Connection point	Terminal	Jumper	Target designation
1	1	1	.	+JIAX-7001-X2	1	-9U4	1+			
2	2	2	.	+JIAX-7001-X2	2	-9U4	3			
3	3	3	.	+JIAX-7001-X2	3	-9U5	1+			
4	4	4	.	+JIAX-7001-X2	4	-9U5	3			
5	5	5	.	+JIAX-7001-X2	5	-9U6	1+			
6	6	6	.	+JIAX-7001-X2	6	-9U6	3			
7	7	7	.	+JIAX-7001-X2	7	-9U7	1+			
8	8	8	.	+JIAX-7001-X2	8	-9U7	3			
9	9	9	.	+JIAX-7001-X2	9	-9U8	1+			
10	10	10	.	+JIAX-7001-X2	10	-9U8	3			
11	11	11	.	+JIAX-7001-X2	11	-9U9	1+			
12	12	12	.	+JIAX-7001-X2	12	-9U9	3			
13	13	13	.	+JIAX-7001-X2	13	-9U10	1+			
14	14	14	.	+JIAX-7001-X2	14	-9U10	3			
15	15	15	.	+JIAX-7001-X2	15					
16	16	16	.	+JIAX-7001-X2	16					
17	17	17	.	+JIAX-7001-X2	17					
18	18	18	.	+JIAX-7001-X2	18					
19	19	19	.	+JIAX-7001-X2	19					
20	20	20	.	+JIAX-7001-X2	20					



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-X2  
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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 01  
 TOTAL PAGE AMOUNT 46

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



# Terminal diagram

Cable name		Strip =20-C-7080+UCP-C7080-01-X5 CONNECTION PUSHBUTTONS / LAMPS										Cable name	
Terminal	Connection point	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Connection point	Target designation	Connection point	Terminal	Connection point
-LCP_COMB	26x1 mm <sup>2</sup>												
1	1	+LP-C-7080-01-X5	1	1	•	-9V4	1	1	x1				
2	2	+LP-C-7080-01-X5	2	2	•	-6M7	2	2	12				
3	3	+LP-C-7080-01-X5	3	3	•		3	3					
4	4	+LP-C-7080-01-X5	4	4	•	-6M7	4	4	13				
5	5	+LP-C-7080-01-X5	5	5	•		5	5					
6	6	+LP-C-7080-01-X5	6	6	•	-6M7	6	6	14				
7	7	+LP-C-7080-01-X5	7	7	•		7	7					
8	8	+LP-C-7080-01-X5	8	8	•	-6M7	8	8	15				
9	9	+LP-C-7080-01-X5	9	9	•		9	9					
10	10	+LP-C-7080-01-X5	10	10	•	-6M7	10	10	16				
11	11	+LP-C-7080-01-X5	11	11	•		11	11					
12	12	+LP-C-7080-01-X5	12	12	•	-6M7	12	12	17				
13	13	+LP-C-7080-01-X5	13	13	•	-24K4	13	13	11				
14	14	+LP-C-7080-01-X5	14	14	•	-6M7	14	14	18				
15	15	+LP-C-7080-01-X5	15	15	•	-6M11	15	15	12				
16	16	+LP-C-7080-01-X5	16	16	•	-14U8	16	16	15(-)				
17	17	+LP-C-7080-01-X5	17	17	•	-6M11	17	17	13				
18	18	+LP-C-7080-01-X5	18	18	•		18	18					
19	19	+LP-C-7080-01-X5	19	19	•	-6M11	19	19	14				
20	20	+LP-C-7080-01-X5	20	20	•		20	20					
21	21	+LP-C-7080-01-X5	21	21	•	-6M11	21	21	15				
22	22	+LP-C-7080-01-X5	22	22	•		22	22					
23	23	+LP-C-7080-01-X5	23	23	•	-6M11	23	23	16				
24	24	+LP-C-7080-01-X5	24	24	•		24	24					
25	25	+LP-C-7080-01-X5	25	25	•	-6M11	25	25	17				
26	26	+LP-C-7080-01-X5	26	26	•	-19K16	26	26	A2				



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

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CHECKED BY	RBE	+ UCP-C7080-01
LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
AIRPACK DWG NO.	17811-05B	
REVISION	01	
TOTAL PAGE AMOUNT	48	



# Terminal diagram

Cable name		Strip =20-C-7080+UCP-C7080-01-X9 EMERGENCY SHUTDOWN							Cable name	
Terminal	Connection point	Jumper	Target designation	Terminal	Connection point	Target designation	Terminal	Connection point	Cable name	Area
1	1	.	-19K16	1	1	+LP-C-7080-01-X9	1	1	-ESD_LCP_B	4x1 mm <sup>2</sup>
2	2	.	-19K16	2	2	+LP-C-7080-01-X9	2	2	-ESD_COM	4x1 mm <sup>2</sup>
3	3	.		3	3	+LP-C-7080-01-X9	3	3	-ESD_LCP_B	4x1 mm <sup>2</sup>
4	4	.		4	4	+LP-C-7080-01-X9	4	4		
5	5	.	-3S3	5	5		5	5		
6	6	.	-3S3	6	6		6	6		
7	7	.		7	7		7	7		
	PE				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-X9  
 ADAPTED TO P&ID REVISION 01  
 CLIENT Bushehr Petrochemical Company (BUPC)  
 CLIENT REF. Bushehr MEG Plant Project  
 AIRPACK REF. 17811-05B

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 REVISION 01  
 TOTAL PAGE AMOUNT 50

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

# Terminal diagram

Cable name		Strip =20-C-7080+UCP-C7080-01-X11 SIGNALS FROM DCS								Cable name	
Terminal	Connection point	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Connection point	
1		.	-19K10	11	1	.			1		
2		.	-19K10	14	2	.			2		
3		.			3	.			3		
4		.			4	.			4		
5		.	-X8	19	5	.			5		
6		.	-33K4	A1	6	.			6		
7		.			7	.			7		
8		.			8	.			8		



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

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 REVISION 01  
 TOTAL PAGE AMOUNT 51

= 20-C-7080  
 + UCP-C7080-01  
 CURRENT PAGE  
 41

TERMINAL STRIP DEFINITION

JUNCTION BOX  
JNDX-C7080-01

X1 = CONNECTION SOLENOIDS

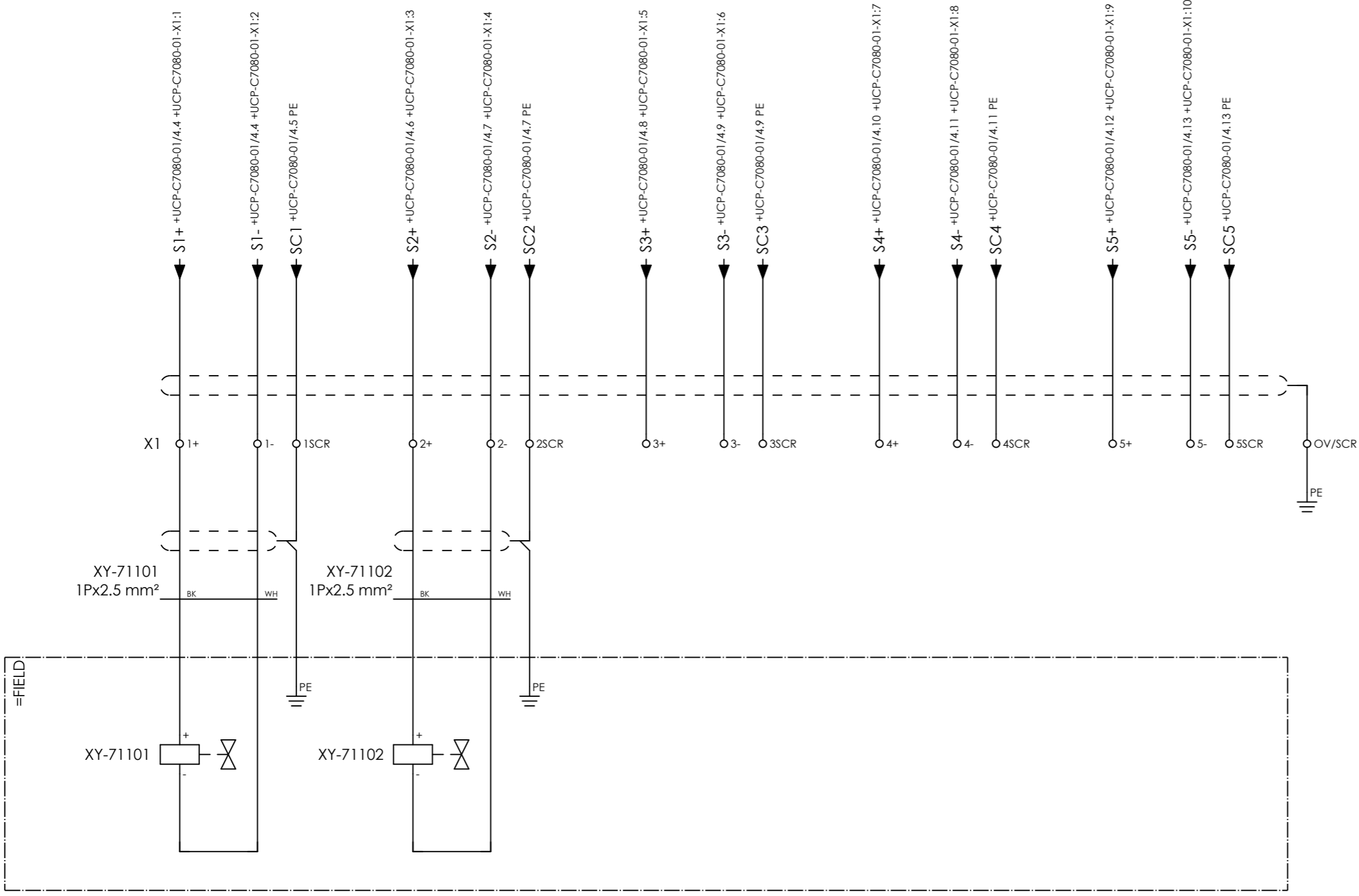


CLIENT DWG NO.	
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT TERMINAL STRIP DEFINITION	
ADAPTED TO P&ID REVISION	
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

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LAST MODIFICATION DATE	15/10/2021
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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



CLIENT DWG NO.  
EQUIPMENT NO.  
EQUIPMENT LOCATION  
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SUBJECT  
CONNECTION SOLENOIDS  
ADAPTED TO P&ID REVISION  
CLIENT  
CLIENT REF.  
AIRPACK REF.

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LAST MODIFICATION DATE  
AIRPACK DWG NO.  
REVISION  
PAGE NUMBER

htaher  
RBE  
15/10/2021  
+ JNDX-C7080-01  
CURRENT PAGE  
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# Terminal diagram

Cable name		Strip =20-C-7080+JNDX-C7080-01-X1 CONNECTION SOLENOIDS										Cable name			
Cable name	Cross section	Connection point	Target designation	Jumper	Terminal	Connection point	Target designation	Connection point	Target designation	Jumper	Terminal	Connection point	Target designation	Cross section	Cable name
+UCP-SOL_COMB	5Px2.5 mm²	1+	+UCP-C7080-01-X1	.	1+	+	=FIELD-XY-71101								
		2	+UCP-C7080-01-X1	.	1-	-	=FIELD-XY-71101								
		3	+UCP-C7080-01-X1	.	2+	+	=FIELD-XY-71102	BK							
		4	+UCP-C7080-01-X1	.	2-	-	=FIELD-XY-71102	WH							
		5	+UCP-C7080-01-X1	.	3+										
		6	+UCP-C7080-01-X1	.	3-										
		7			3SCR										
		8	+UCP-C7080-01-X1	.	4+										
		9	+UCP-C7080-01-X1	.	4-										
		10	+UCP-C7080-01-X1	.	5+										
					5-										
					5SCR										
					OV/SCR										
					PE										



CLIENT DWG NO. BU-20-VD-303-IN-DIG-0093  
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 EQUIPMENT LOCATION Iran, Onshore  
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 CLIENT REF. Bushehr MEG Plant Project  
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 REVISION 01  
 TOTAL PAGE AMOUNT 54

= 20-C-7080  
 + JNDX-C7080-01  
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TERMINAL STRIP DEFINITION

JUNCTION BOX  
JIAX-C7080-01

X2 = CONNECTION TRANSMITTERS

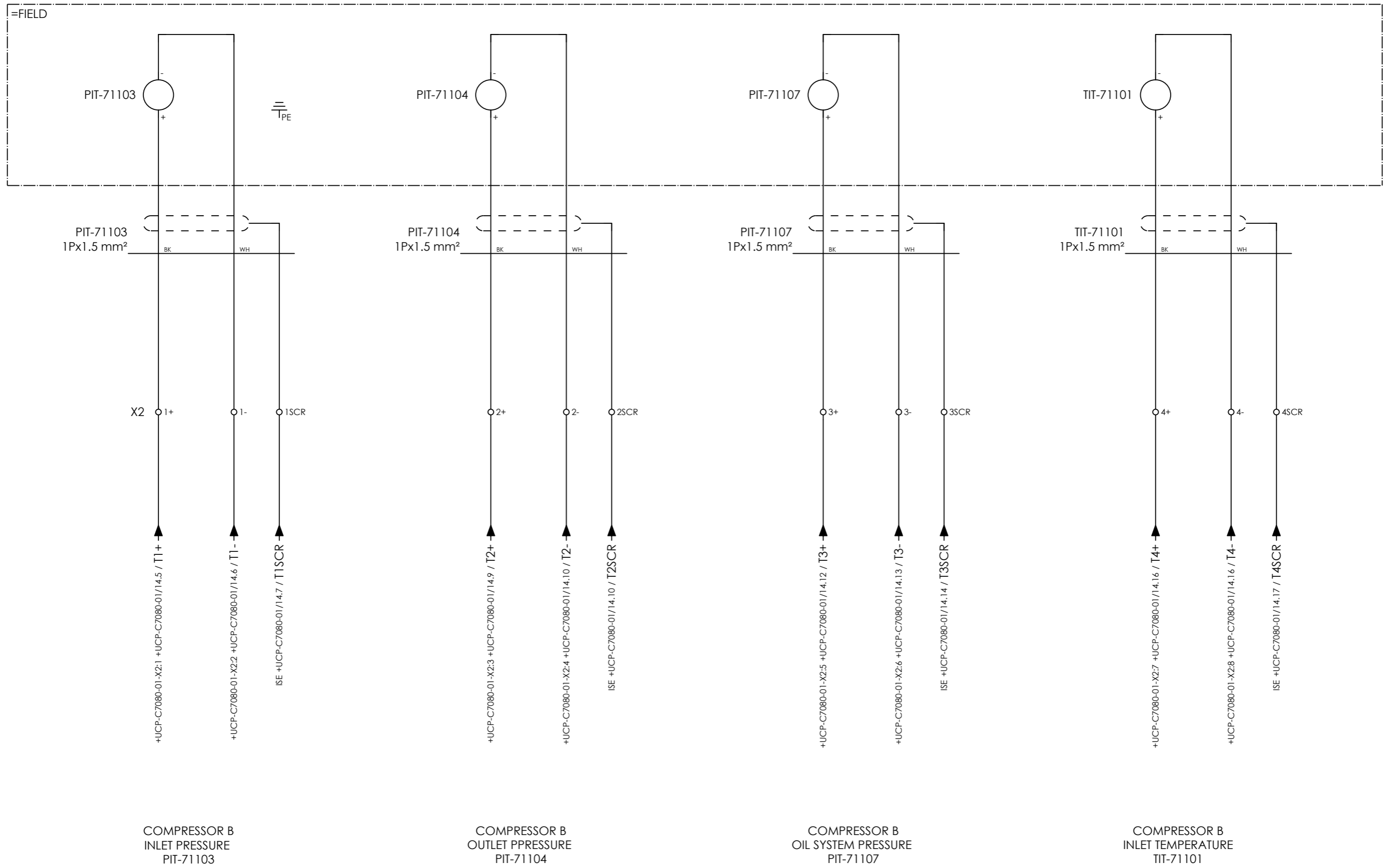


CLIENT DWG NO.	
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT TERMINAL STRIP DEFINITION	
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CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK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

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LAST MODIFICATION DATE	15/10/2021
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REVISION	
PAGE NUMBER	94

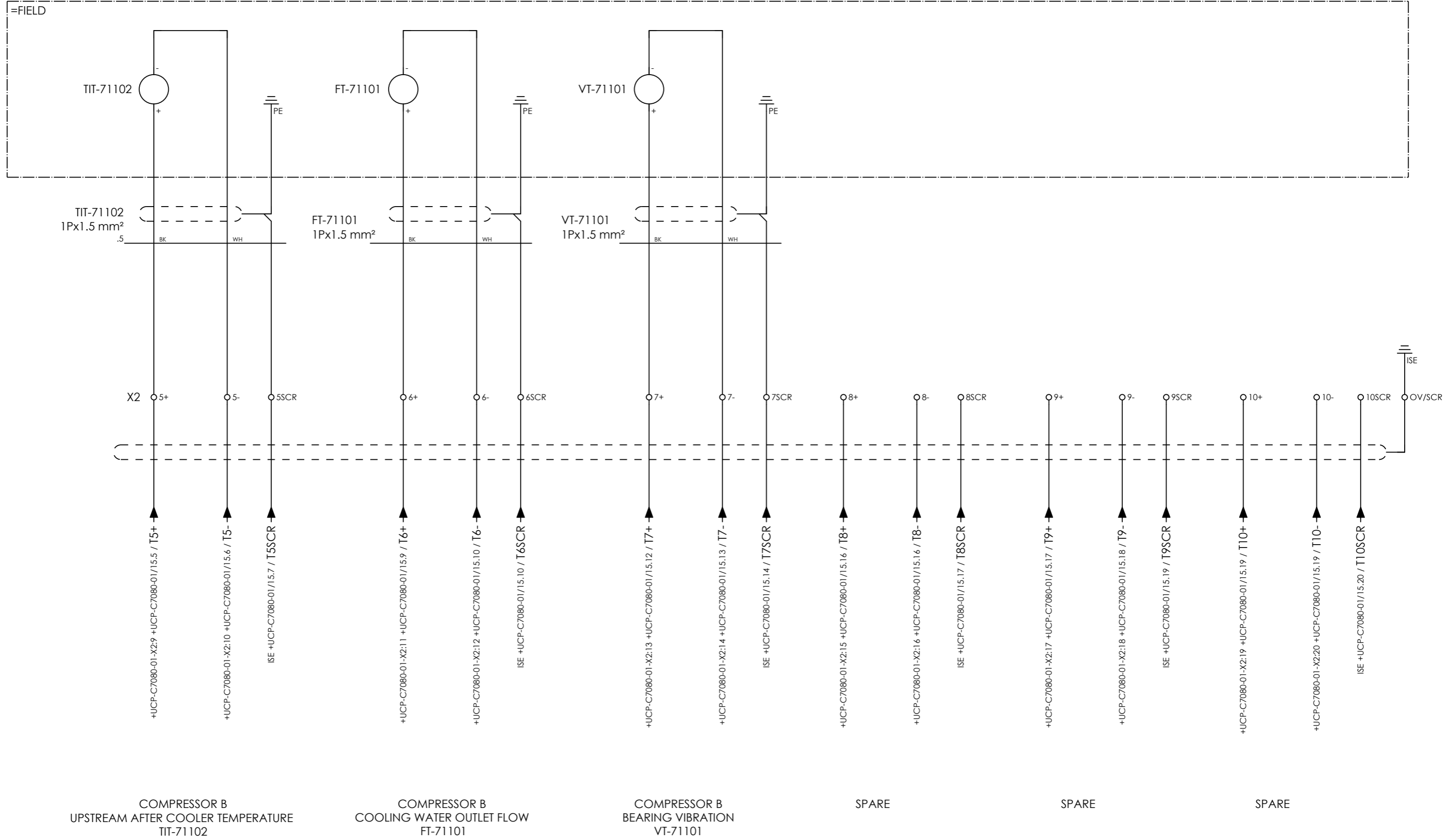
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+ JIAX-C7080-01
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CLIENT DWG NO.	
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT CONNECTION TRANSMITTERS	
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CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
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LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
AIRPACK DWG NO.		
REVISION		
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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

DRAWN BY	htaher	= 20-C-7080
CHECKED BY	RBE	+ JIAX-C7080-01
LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
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REVISION		
PAGE NUMBER	96	





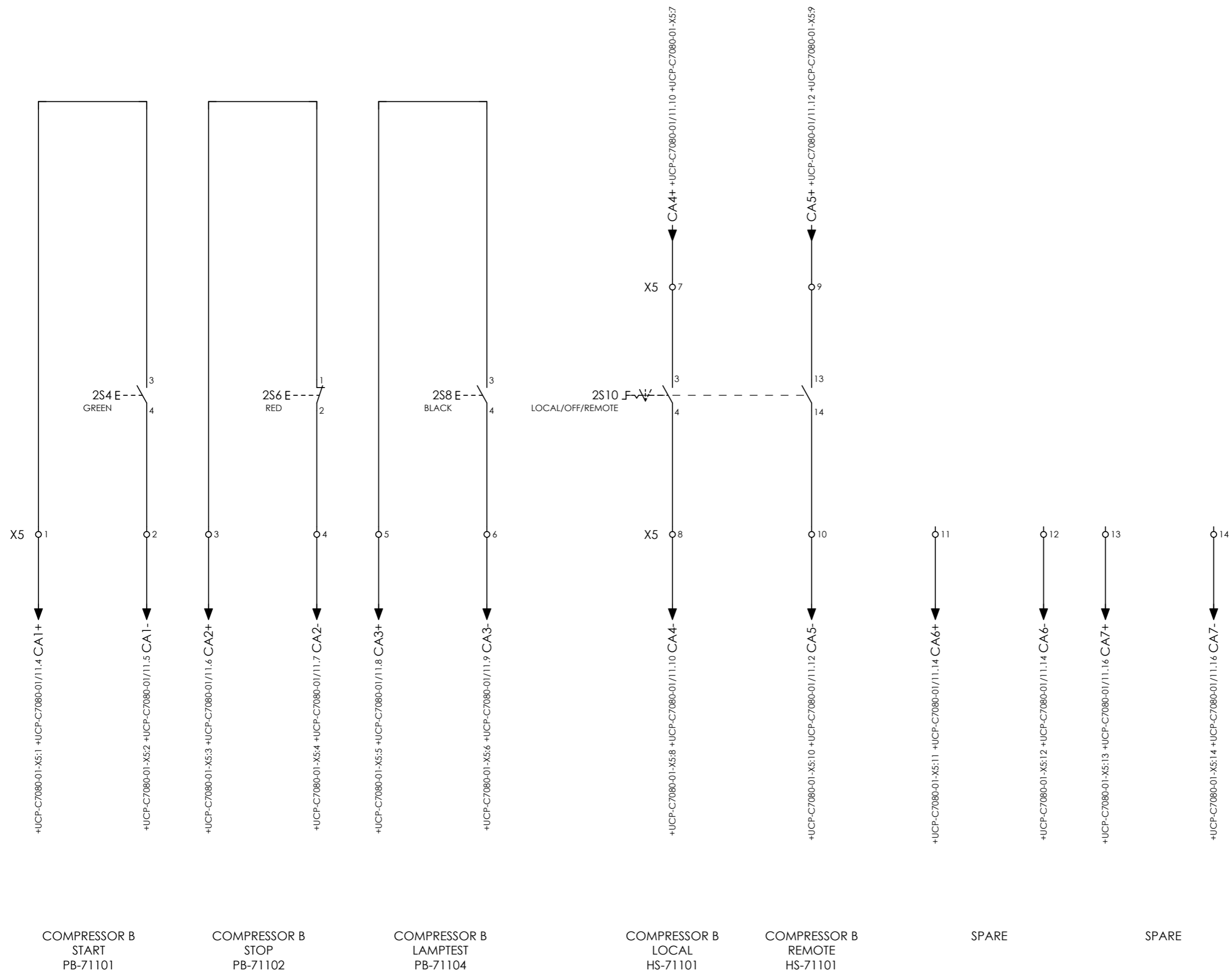
# LOCAL CONTROL PANEL LP-C7080-01

## TERMINAL STRIP DEFINITION

X5 = CONNECTION PUSHBUTTONS AND LAMPS  
X9 = CONNECTION ESD BUTTON



CLIENT DWG NO.		SUBJECT	TERMINAL STRIP DEFINITION	DRAWN BY	htaher	= 20-C-7080
EQUIPMENT NO.	20-C-7080	ADAPTED TO P&ID REVISION		CHECKED BY	RBE	+ LP-C7080-01
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Bushehr Petrochemical Company (BUPC)	LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
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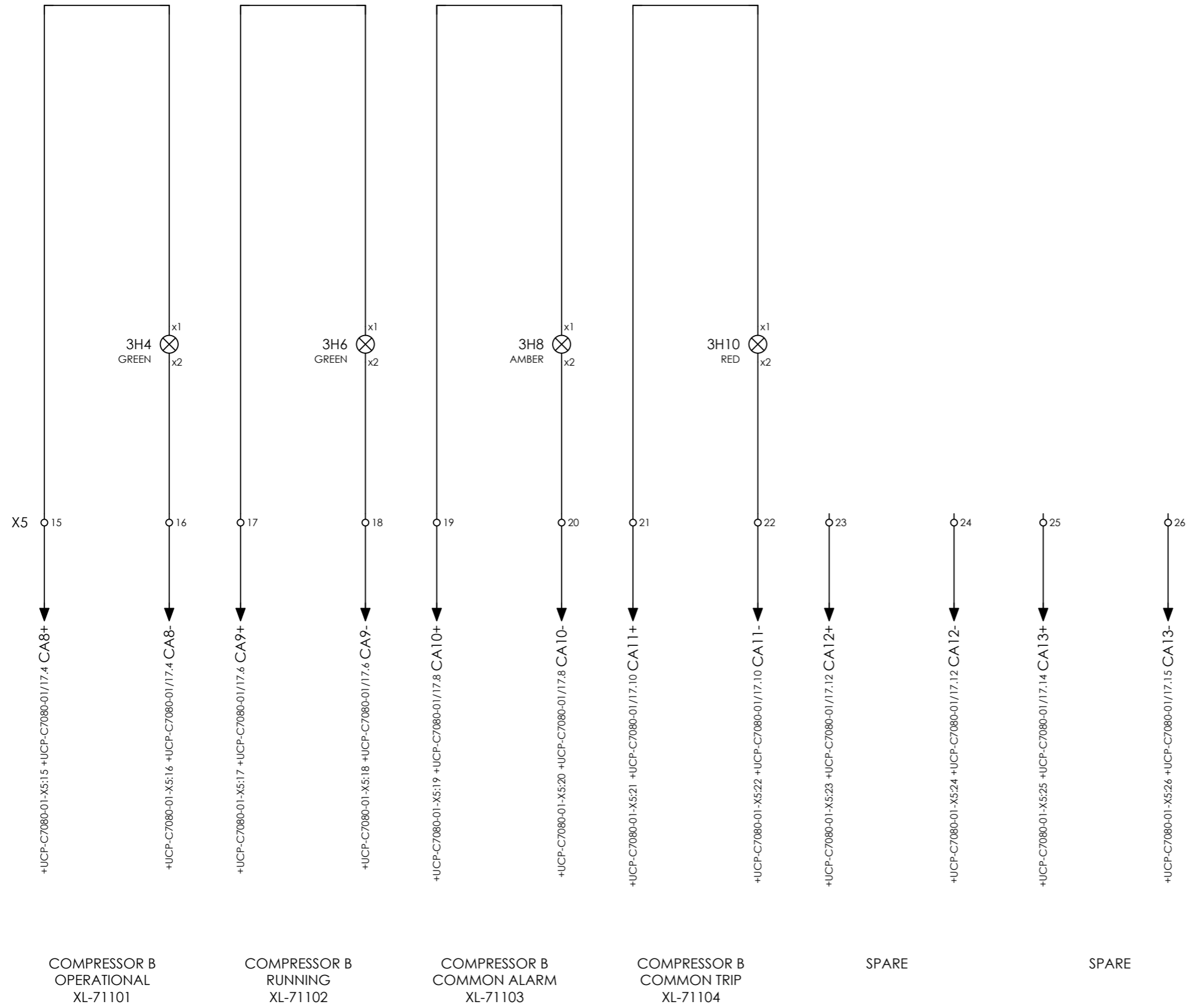


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore

SUBJECT CONNECTION PUSHBUTTONS	
ADAPTED TO P&ID REVISION	01
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	15/10/2021
AIRPACK DWG NO.	17811-05B
REVISION	01
TOTAL PAGE AMOUNT	61

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+ LP-C7080-01
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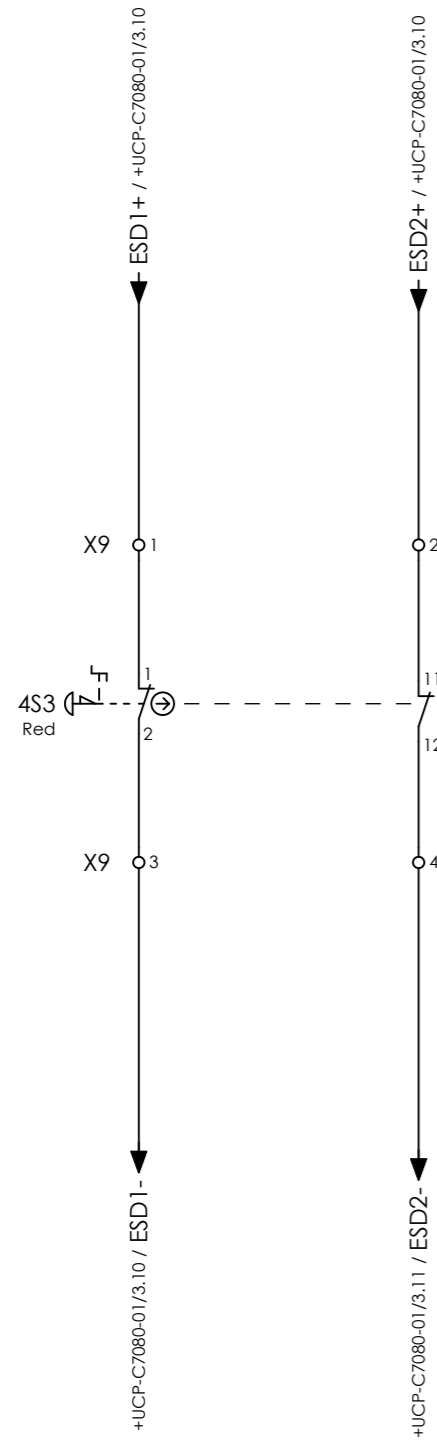


CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0093
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore

SUBJECT CONNECTION LAMPS	
ADAPTED TO P&ID REVISION	01
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

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LAST MODIFICATION DATE	15/10/2021
AIRPACK DWG NO.	17811-05B
REVISION	01
TOTAL PAGE AMOUNT	62

= 20-C-7080
+ LP-C7080-01
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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
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SUBJECT CONNECTION ESD BUTTON	
ADAPTED TO P&ID REVISION	01
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	htaher
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LAST MODIFICATION DATE	15/10/2021
AIRPACK DWG NO.	17811-05B
REVISION	01
TOTAL PAGE AMOUNT	63

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





# 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



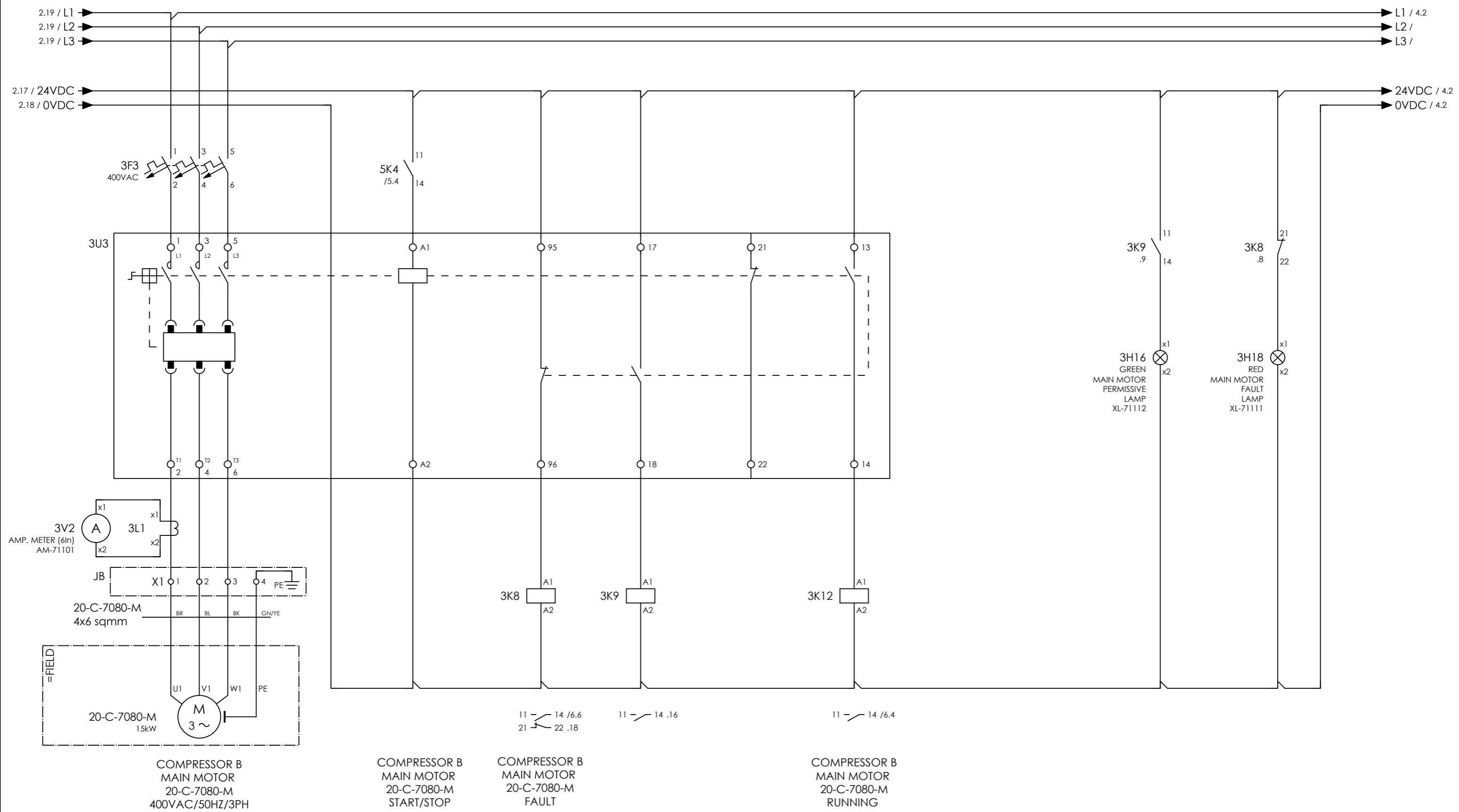
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EQUIPMENT NO.	20-C-7080	ADAPTED TO P&ID REVISION		CHECKED BY	RBE	+ PD-C-7080-01
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Bushehr Petrochemical Company (BUPC)	LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
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		AIRPACK REF.	17811-05B	REVISION		
				PAGE NUMBER	94	



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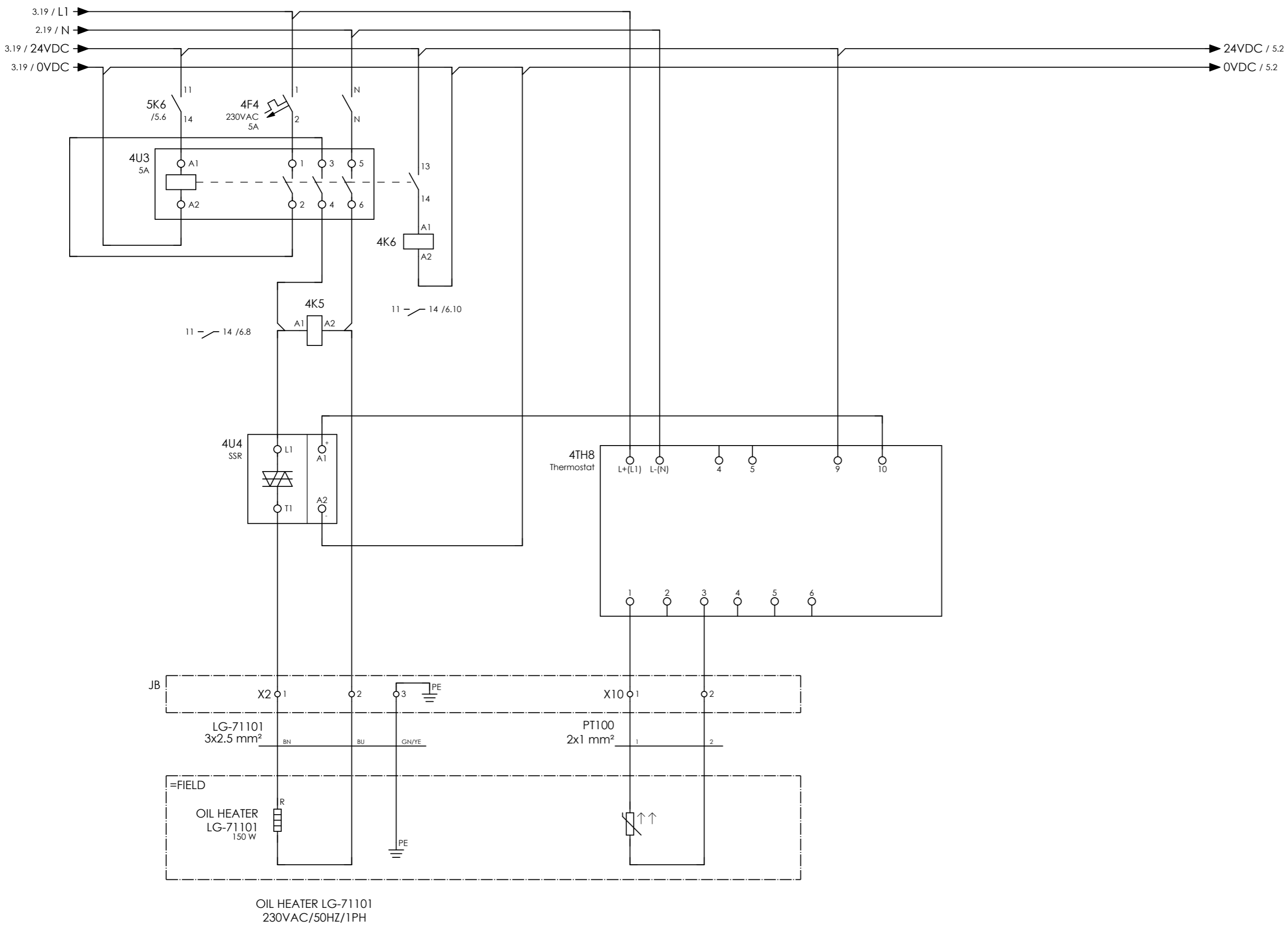
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ADAPTED TO P&ID REVISION	01
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-05B

DRAWN BY	htaher	= 20-C-7080
CHECKED BY	RBE	+ PD-C-7080-01
LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
AIRPACK DWG NO.	17811-05B	
REVISION	01	
TOTAL PAGE AMOUNT	67	



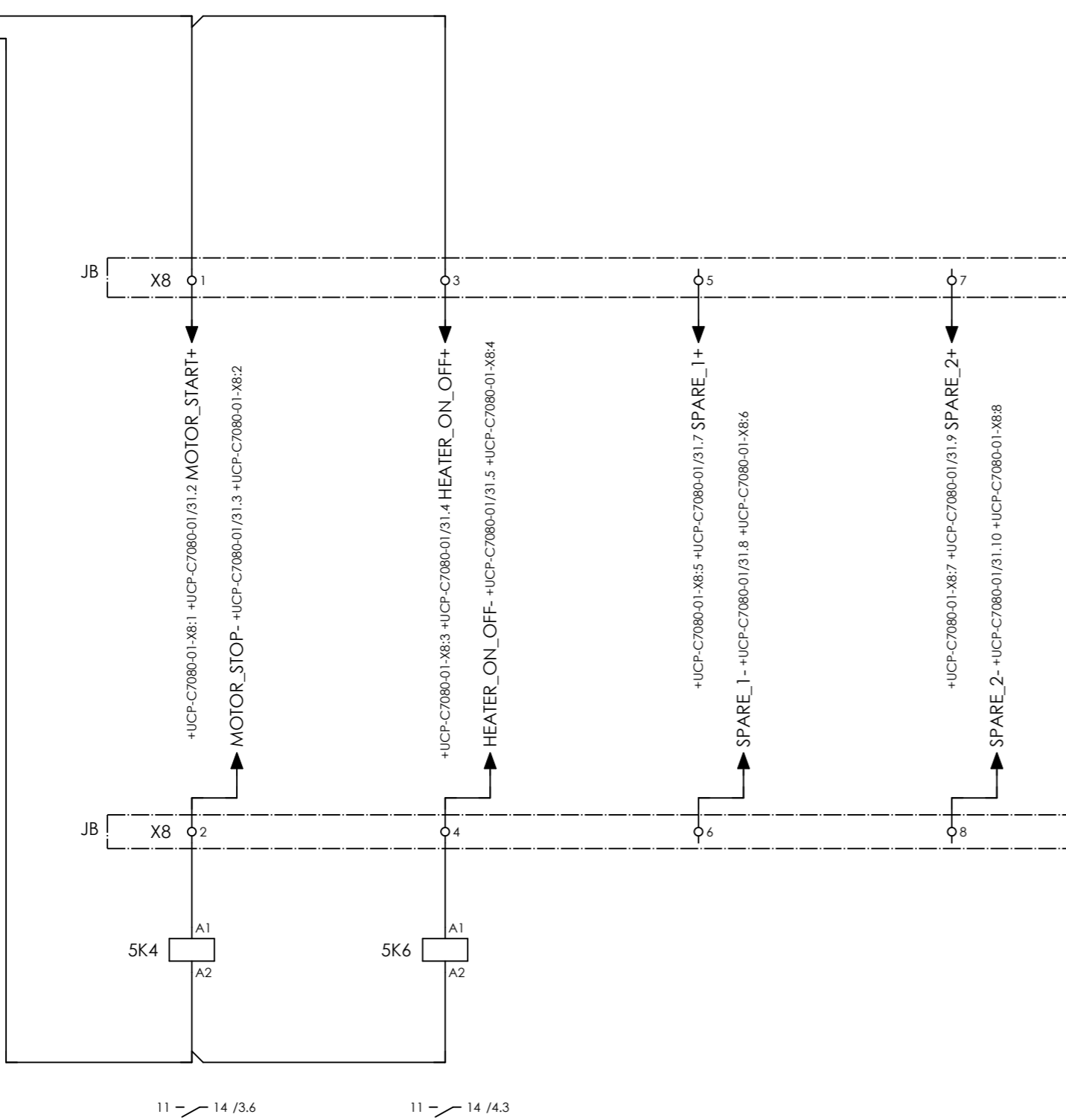
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EQUIPMENT NO.	20-C-7080	MAIN MOTOR		CHECKED BY	RBE	+ PD-C-7080-01
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	01	LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!	CLIENT	Bushehr Petrochemical Company (BUPC)		AIRPACK DWG NO.	17811-05B	
	CLIENT REF.	Bushehr MEG Plant Project		REVISION	01	
	AIRPACK REF.	17811-05B		TOTAL PAGE AMOUNT	68	

DRAWN BY	htaher	= 20-C-7080
CHECKED BY	RBE	+ PD-C-7080-01
LAST MODIFICATION DATE	15/10/2021	CURRENT PAGE
AIRPACK DWG NO.	17811-05B	
REVISION	01	
TOTAL PAGE AMOUNT	68	



OIL HEATER LG-71101  
230VAC/50HZ/1PH

4.16 / -24VDC  
4.16 / -0VDC



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

COMPRESSOR B  
OIL HEATER LG-71101  
ON/OFF

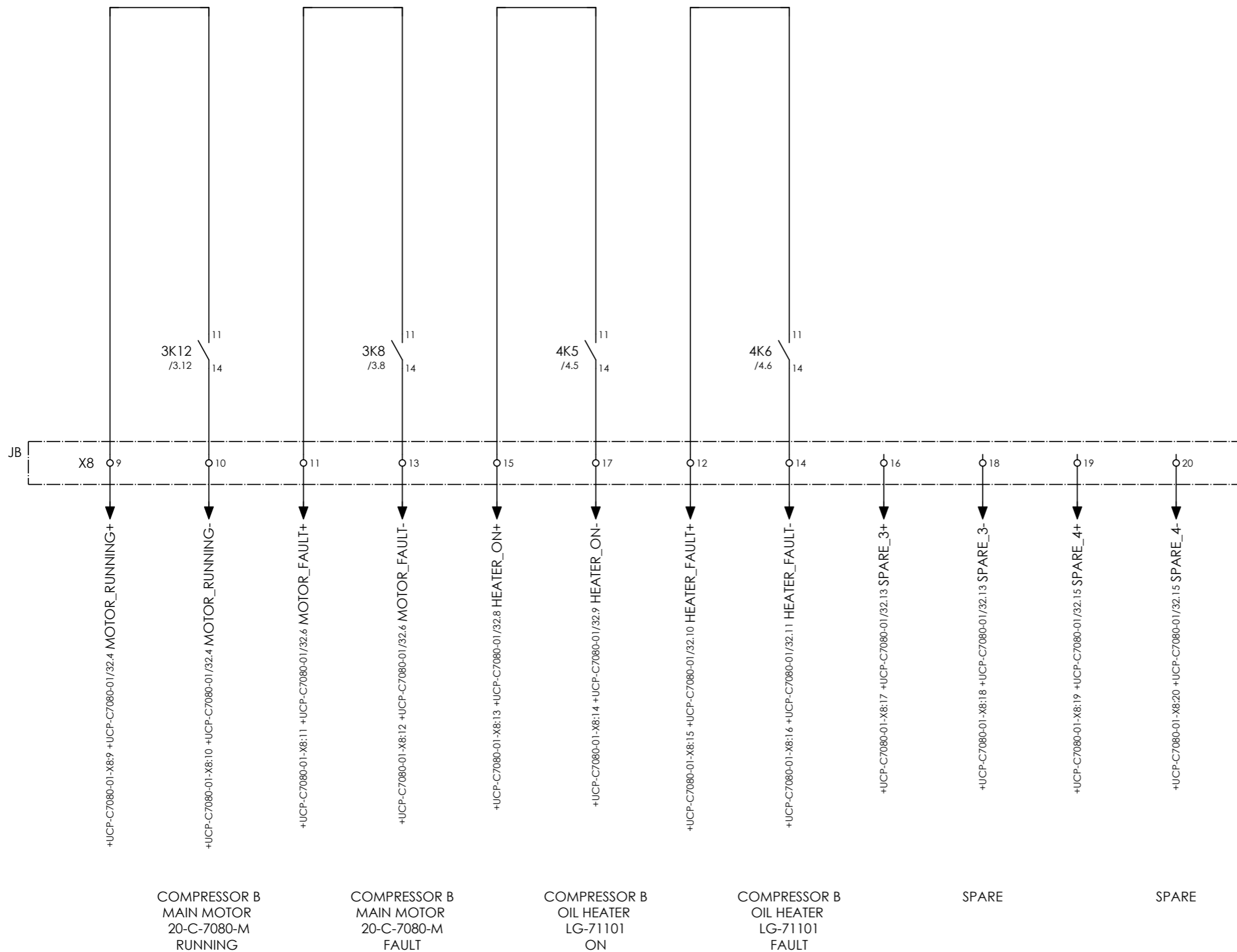
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SPARE



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		htaher		= 20-C-7080	
SIGNALS FROM UCP		CHECKED BY		RBE		+ PD-C-7080-01	
ADAPTED TO P&ID REVISION	01	LAST MODIFICATION DATE		15/10/2021		CURRENT PAGE	
CLIENT	Bushehr Petrochemical Company (BUPC)	AIRPACK DWG NO.		17811-05B			
CLIENT REF.	Bushehr MEG Plant Project	REVISION		01			
AIRPACK REF.	17811-05B	TOTAL PAGE AMOUNT		70			



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

SUBJECT		DRAWN BY	
SIGNALS TO UCP		htaher	
ADAPTED TO P&ID REVISION		CHECKED BY	
01		RBE	
CLIENT		LAST MODIFICATION DATE	
Bushehr Petrochemical Company (BUPC)		15/10/2021	
CLIENT REF.		AIRPACK DWG NO.	
Bushehr MEG Plant Project		17811-05B	
AIRPACK REF.		REVISION	
17811-05B		01	
		TOTAL PAGE AMOUNT	
		71	

= 20-C-7080	
+ PD-C-7080-01	
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	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	
1	2	.	-2Q3	L1	1	.	L1	
2	4	.	-2Q3	L2	2	.	L2	
3	6	.	-2Q3	L3	3	.	L3	
4	N	.	-2Q3	N	4	.	N	
5	PE	.		PE	5	.	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+PD-C-7080-01-X0  
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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 01  
 TOTAL PAGE AMOUNT 72

= 20-C-7080  
 + PD-C-7080-01  
 CURRENT PAGE







# Terminal diagram

Cable name		Connection point		Terminal		Jumper		Target designation	
Strip =20-C-7080+PD-C-7080-01-X10 CONNECTION PT100		1		1		.		-4TH8	
		3		2		.		-4TH8	
-PT100		2x1 mm²		1		2			



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+PD-C-7080-01-X10  
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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 01  
 TOTAL PAGE AMOUNT 76

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 + PD-C-7080-01  
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