








OWNER:  شرکت سست و سویی توستر ایران (سهامی عامه)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
	LOOP DIAGRAM FOR EMERGENCY INSTRUMENT AIR COMPRESSOR						 Netherlands		
MC :									
Owner Document Number: 17811-30B	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Rev.:	Page
	BU	20	VD	303	IN	DIG	0086	00	1 of 20

- Reply sheet to be submitted by vendor.
- Legend shall be added.
- All signals tag no. shall be clearly specified.(for ex. page 8)
- Description for each page shall be added.(for ex. pages 4,5,6 have not any subject)
- Multi cable tag no. shall be specified.
- Multi cable number of pair and cross section shall be specified.
- Terminal strips in JB side shall be specified.
- One terminal for multi cables overall screen inside of JB shall be considered.

LOOP DIAGRAM FOR EMERGENCY INSTRUMENT AIR COMPRESSOR

 		BUSHEHR PETROCHEMICAL COMPANY MEG PLANT	
Document Review			
Issue Purpose:	IFA		
Result Code: AP,AN,CM,RE,NC	CM		
Next Status : IFC,IFA,IFI,AFC,AB	IFA		
Responsible Department	MECHANICAL		
Commented Date	Nov/02/2021		
Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.			

00	18/10/2021	For approval	HT	KP	JR	
Rev.	Date	Purpose of Issue	Prepared	Checked	Approved	AC Code
					Class: 1	Phase: P



Airpack B.V.

4301 RN Zierikzee
The Netherlands

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E-MAIL : AIRPACK@AIRPACK.NL

WEBPAGE : WWW.AIRPACK.NL

Client : Bushehr Petrochemical Company (BUPC)

Equipment location : Iran, Onshore

Client reference : Bushehr MEG Plant Project

Client dwg. no. : BU-20-VD-303-IN-DIG-0086

Airpack reference : 17811-30B

Airpack dwg. no. : 17811-30B

Generation date : 18/10/2021

E & I manager : RBE

Last modifications : 18/10/2021

Last modifications by : htaher

Revision no. : 00



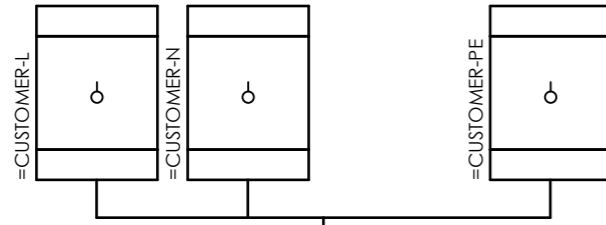
CLIENT DWG NO.	BU-20-VD-303-IN-DIG-0086
EQUIPMENT NO.	20-C-7080
EQUIPMENT LOCATION	Iran, Onshore

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SUBJECT Title page / cover sheet	
ADAPTED TO P&ID REVISION	02
CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project
AIRPACK REF.	17811-30B

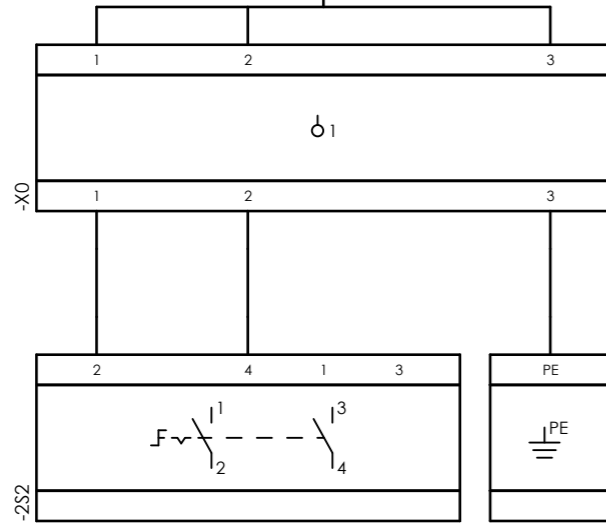
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CHECKED BY	RBE	+
LAST MODIFICATION DATE		CURRENT PAGE
AIRPACK DWG NO.	17811-30B	
REVISION	00	
TOTAL PAGE AMOUNT	1	

Internal targets



=20-C-7080+UCP-C7080-01-PS_00	Conductor	BN	BU	GN/YE
3x2.5 sqmm				

External targets

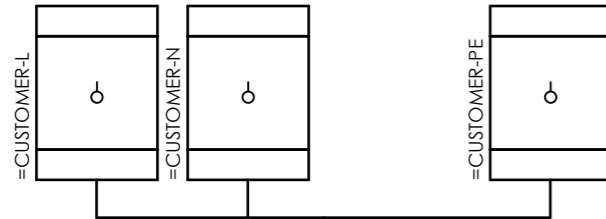


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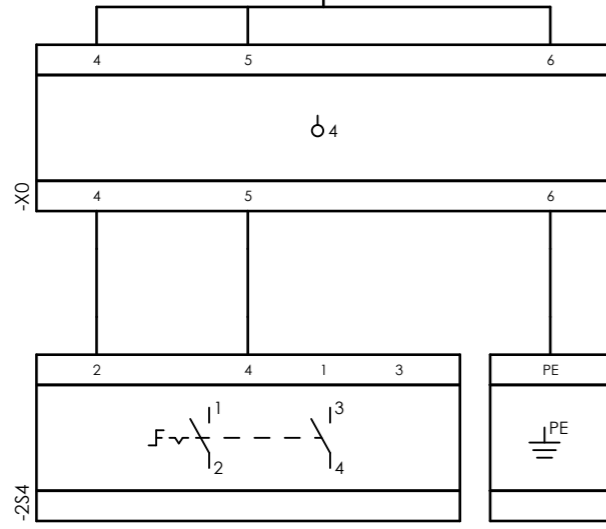
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02	RBE		
CLIENT	Bushehr Petrochemical Company (BUPC)	LAST MODIFICATION DATE	
CLIENT REF.	Bushehr MEG Plant Project	AIRPACK DWG NO.	
AIRPACK REF.	17811-30B	17811-30B	
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		00	
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Internal targets



External targets

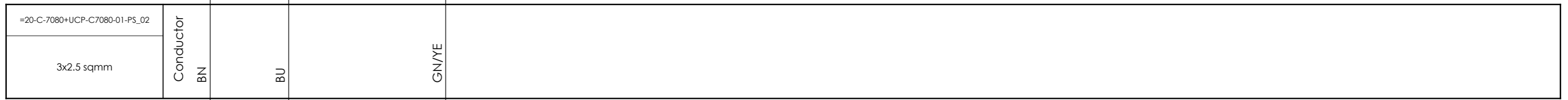
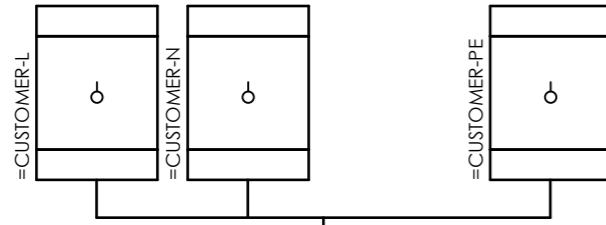


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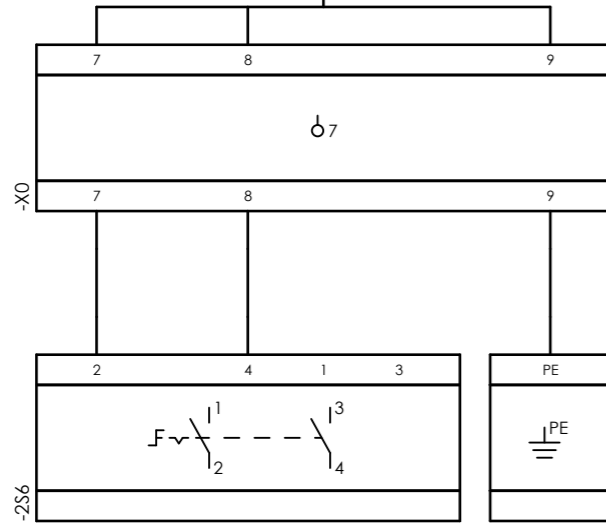
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CLIENT REF.	Bushehr MEG Plant Project	AIRPACK REF.	17811-30B

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CHECKED BY	RBE	+ LOOP DIAGRAMS
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REVISION	00	
TOTAL PAGE AMOUNT	3	

Internal targets



External targets



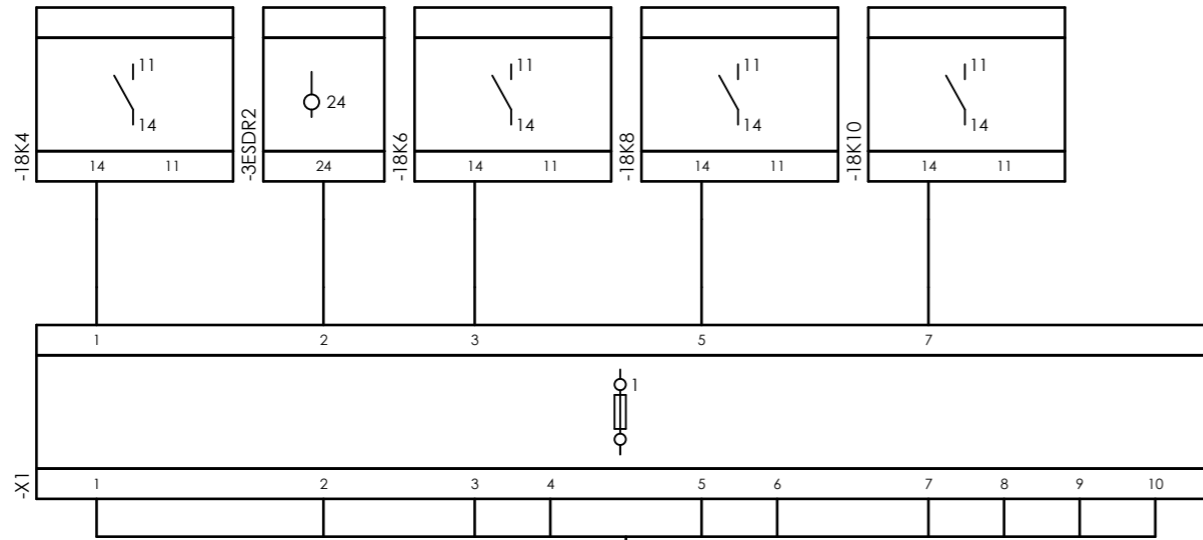
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 EQUIPMENT LOCATION Iran, Onshore
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 CLIENT Bushehr Petrochemical Company (BUPC)
 CLIENT REF. Bushehr MEG Plant Project
 AIRPACK REF. 17811-30B

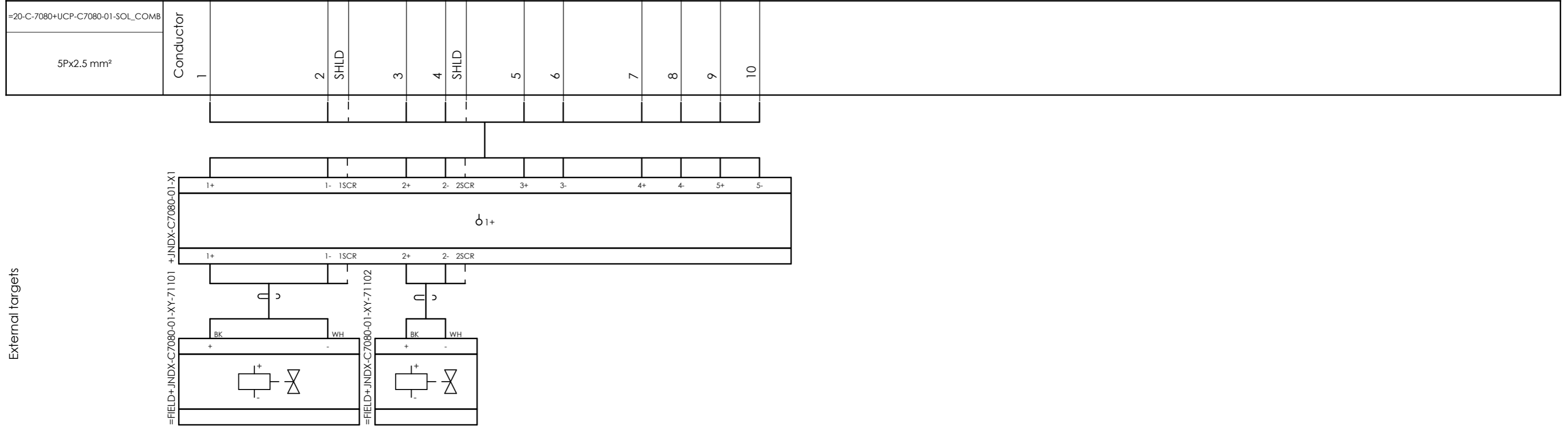
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 + LOOP DIAGRAMS
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 3

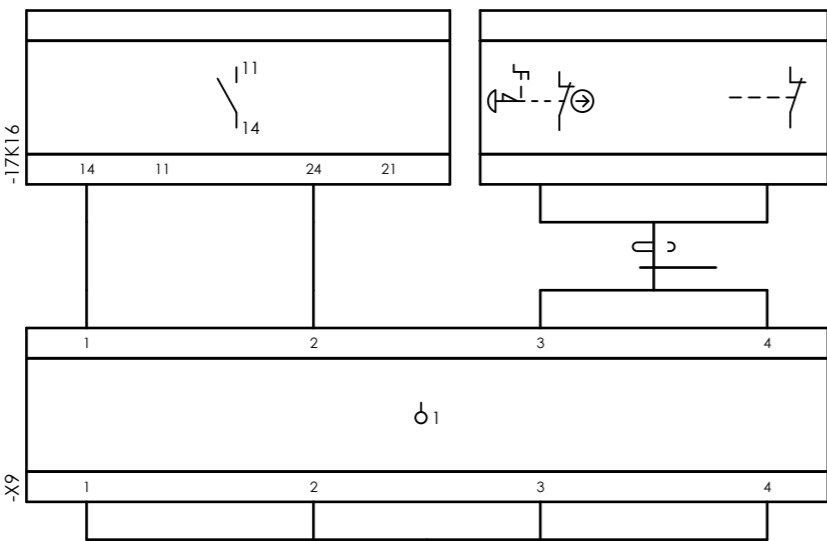
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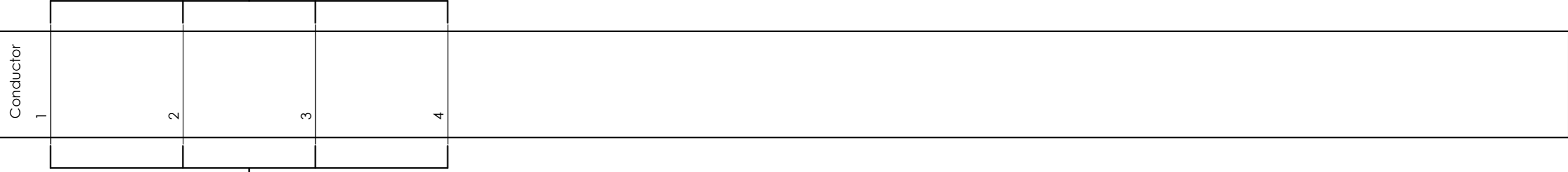
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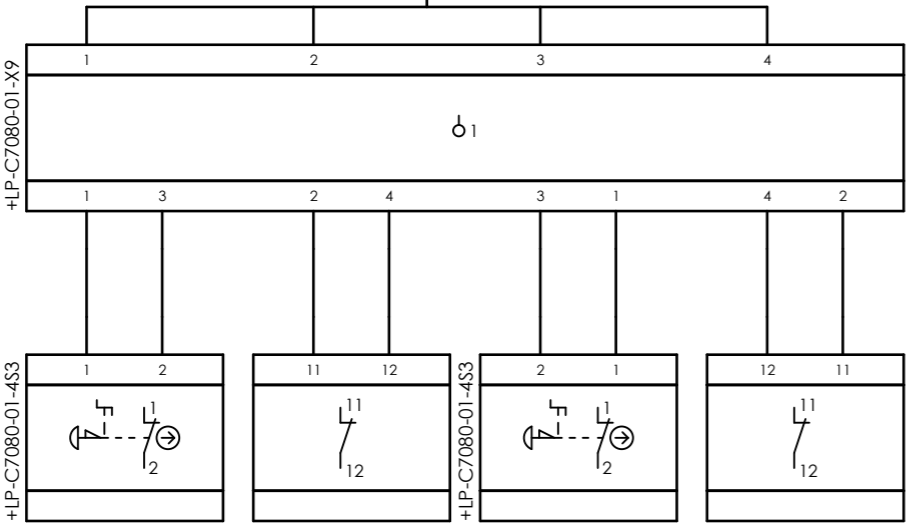
Internal targets



=20-C-7080+UCP-C7080-01-ESD_LCP_B
4x1 mm²



External targets



CLIENT DWG NO. BU-20-VD-303-IN-DIG-0086
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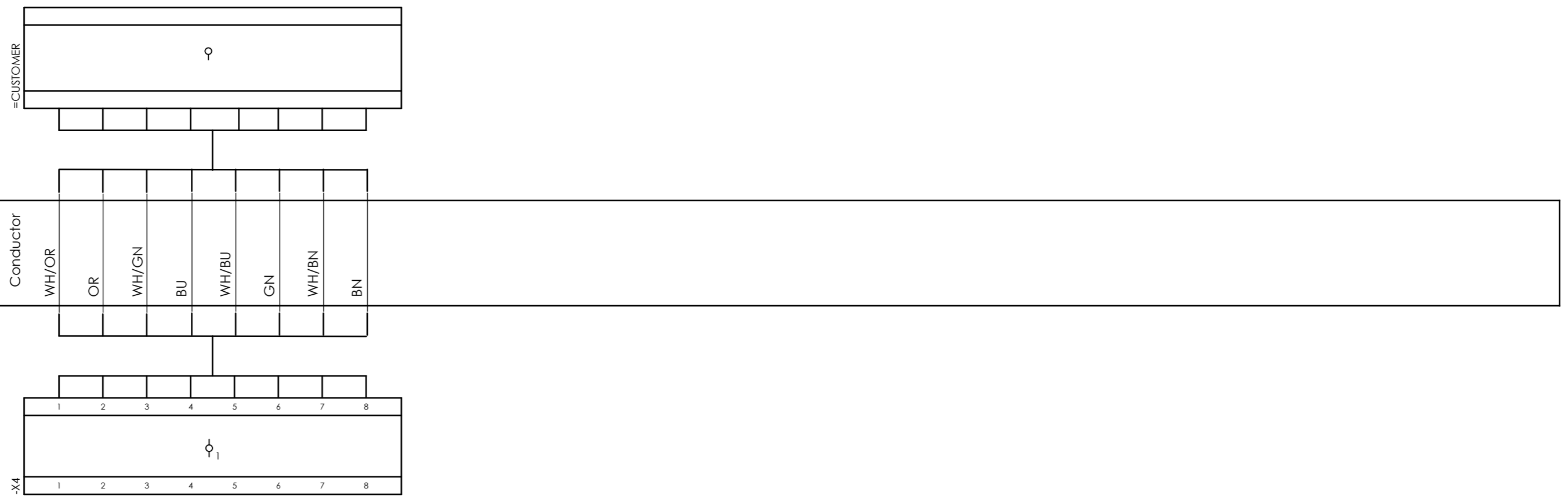
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ADAPTED TO P&ID REVISION 02
CLIENT Bushehr Petrochemical Company (BUPC)
CLIENT REF. Bushehr MEG Plant Project
AIRPACK REF. 17811-30B

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LAST MODIFICATION DATE
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REVISION 00
TOTAL PAGE AMOUNT 6

= 20-C-7080
+ LOOP DIAGRAMS
CURRENT PAGE

Internal targets

External targets



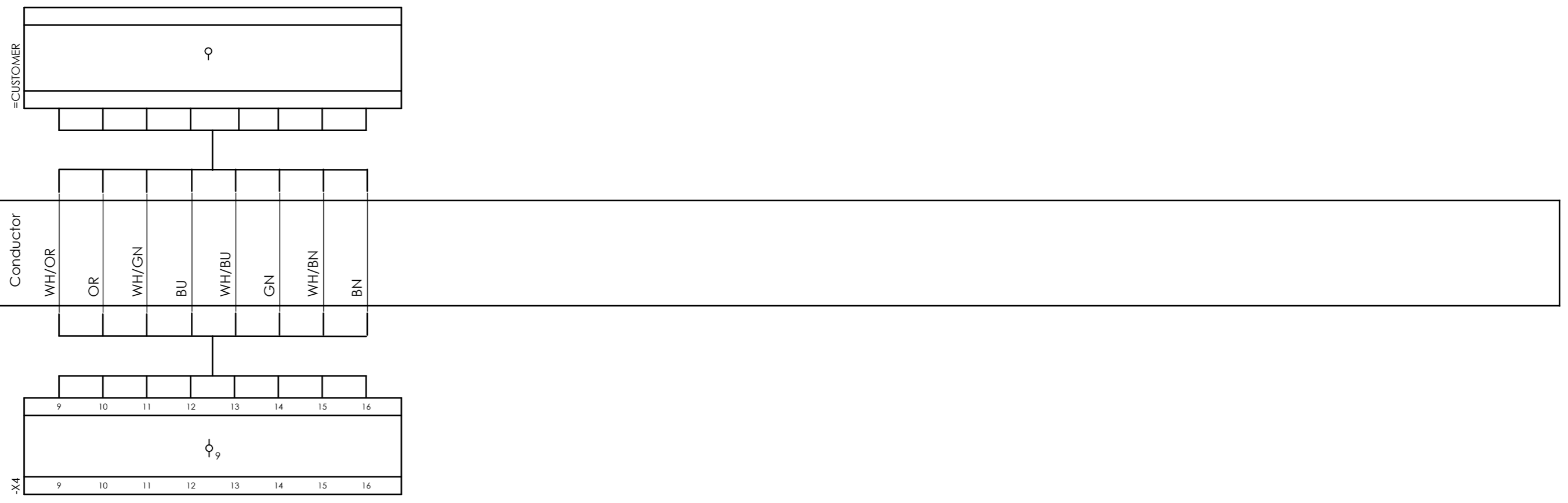
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ADAPTED TO P&ID REVISION	02	CLIENT	Bushehr Petrochemical Company (BUPC)
CLIENT REF.	Bushehr MEG Plant Project	AIRPACK REF.	17811-30B

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CHECKED BY	RBE	+ LOOP DIAGRAMS
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Internal targets

External targets

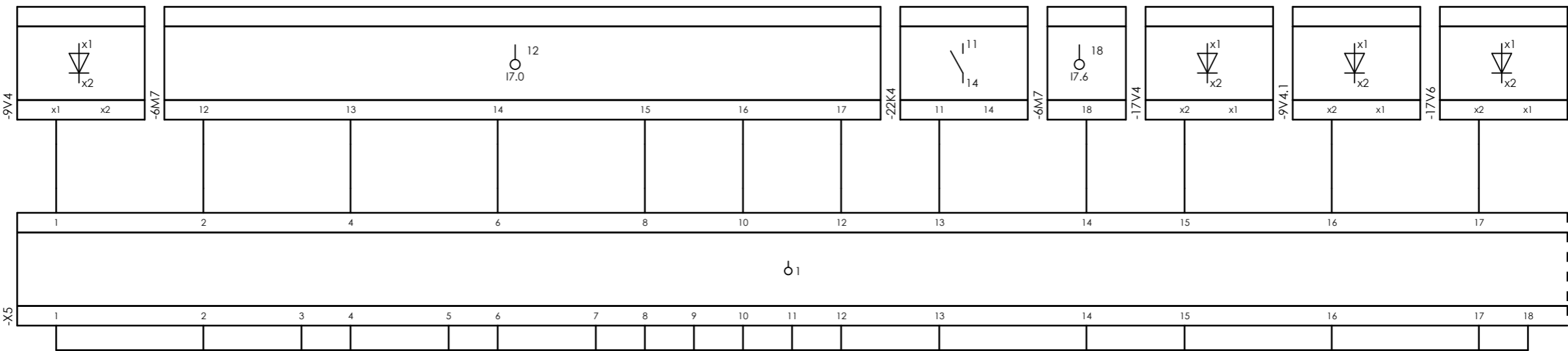


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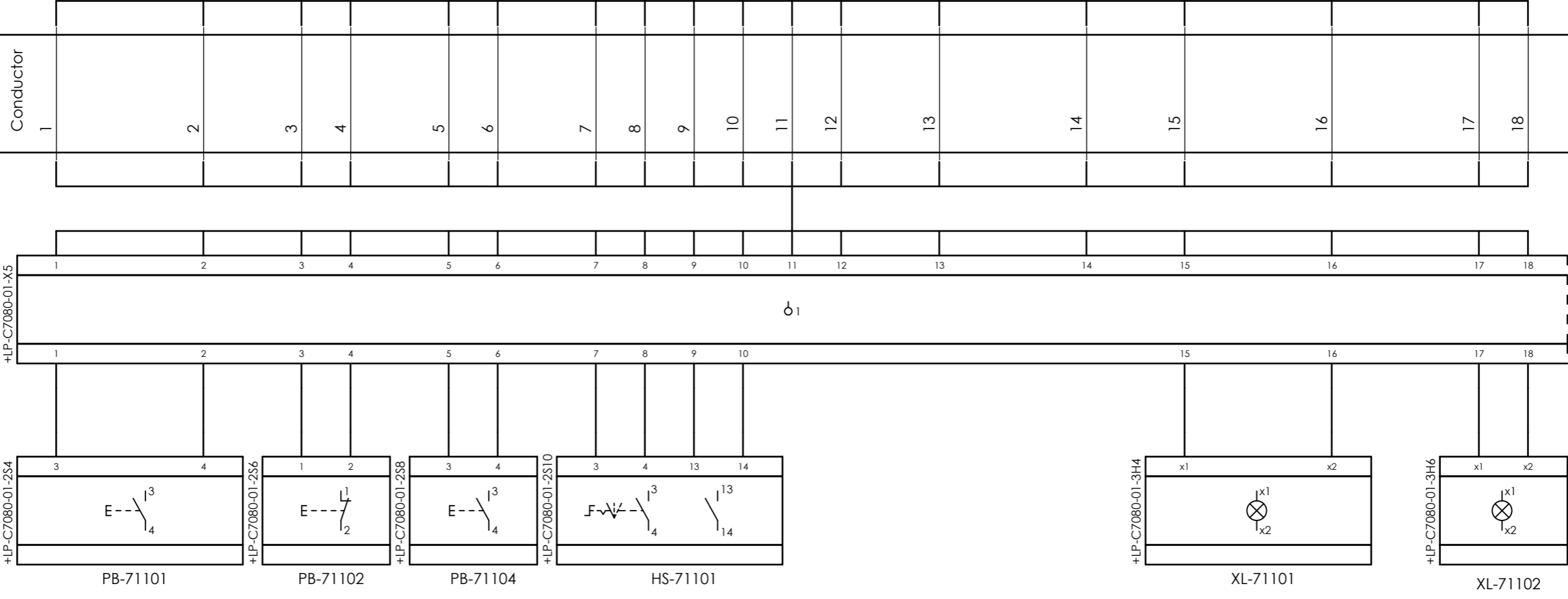
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CLIENT REF.	Bushehr MEG Plant Project	AIRPACK REF.	17811-30B

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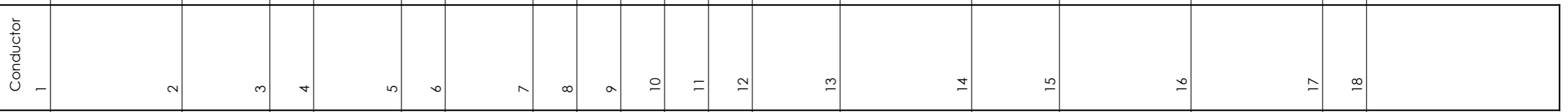
Internal targets



External targets



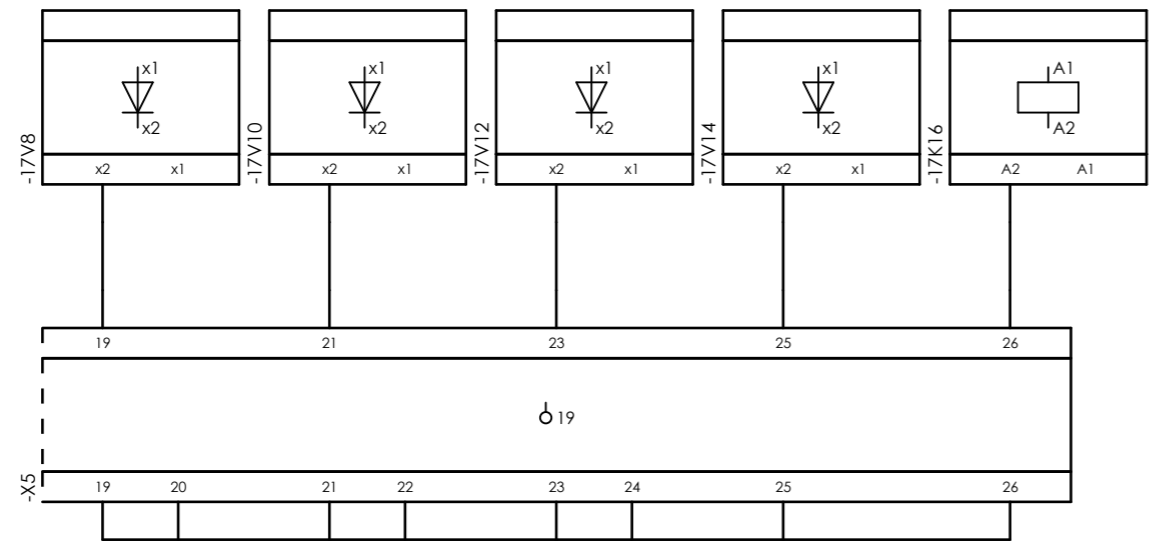
=20-C-7080+UCP-C7080-01-LCP_COMB
Conductor
26x1 mm ²



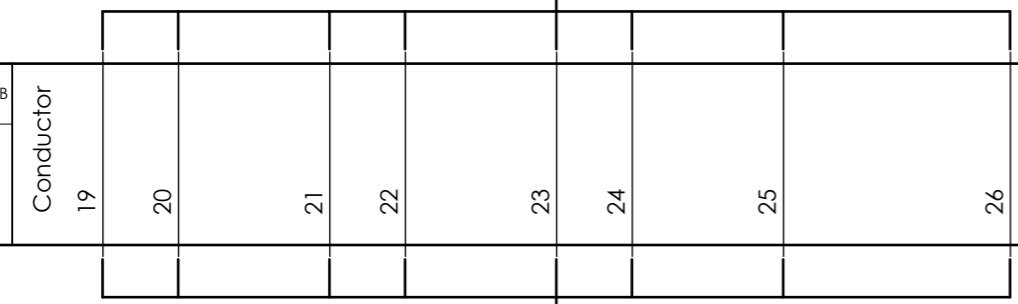
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EQUIPMENT NO.	20-C-7080	ADAPTED TO P&ID REVISION	02
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Bushehr Petrochemical Company (BUPC)
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	AIRPACK REF.	17811-30B	

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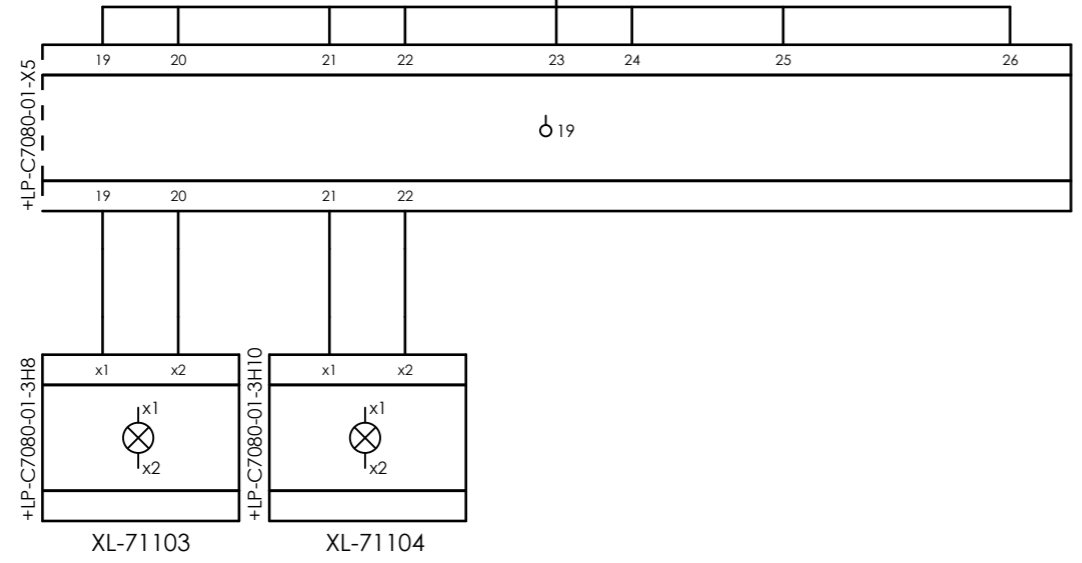
Internal targets



=20-C-7080+UCP-C7080-01-LCP_COMB
26x1 mm²



External targets



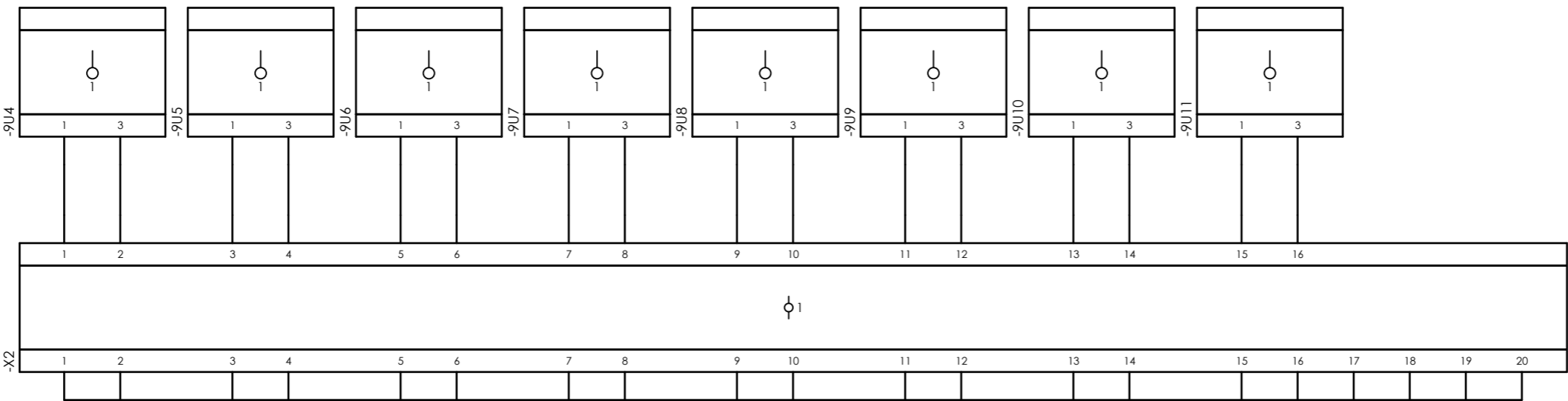
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EQUIPMENT NO. 20-C-7080
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CLIENT Bushehr Petrochemical Company (BUPC)
CLIENT REF. Bushehr MEG Plant Project
AIRPACK REF. 17811-30B

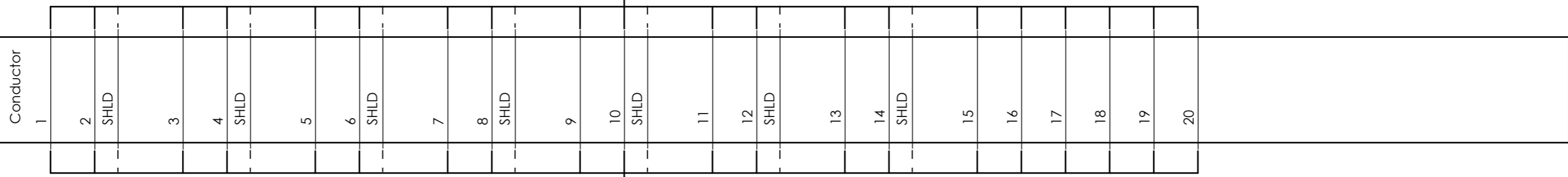
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+ LOOP DIAGRAMS
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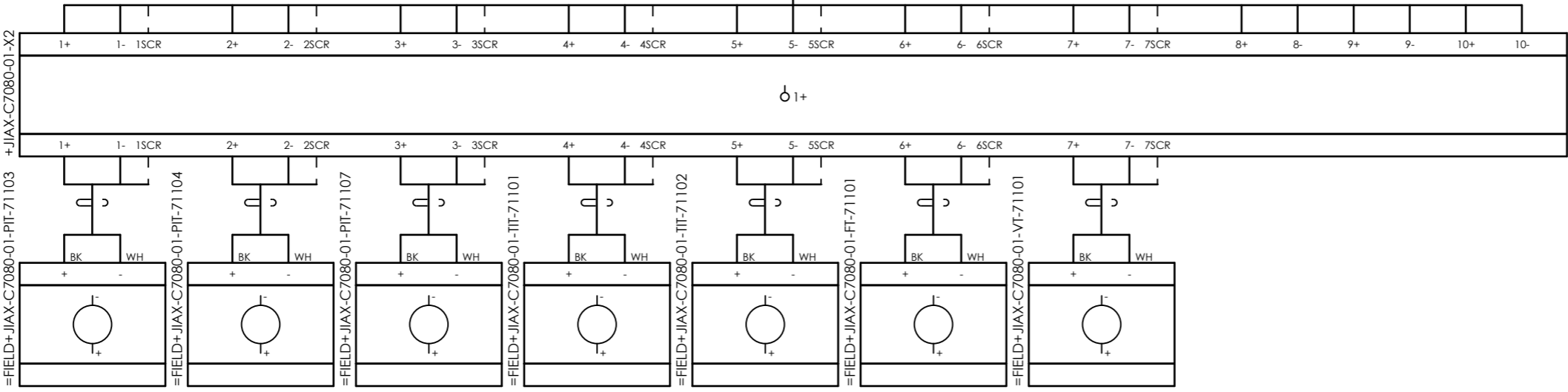
Internal targets



=20-C-7080+UCP-C7080-01-TR_COMB
10Px0,75 mm²



External targets



CLIENT DWG NO. BU-20-VD-303-IN-DIG-0086
EQUIPMENT NO. 20-C-7080
EQUIPMENT LOCATION Iran, Onshore

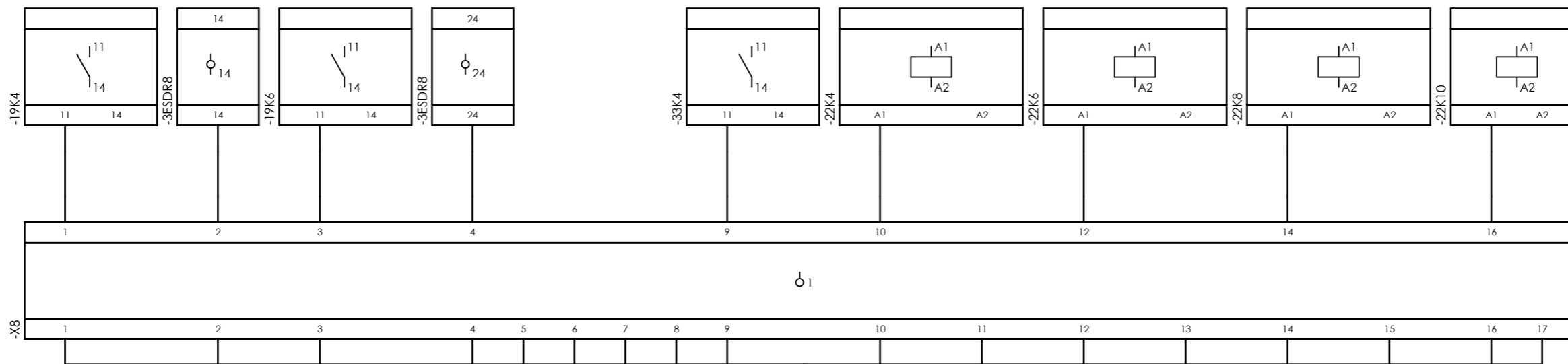
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ADAPTED TO P&ID REVISION 02
CLIENT Bushehr Petrochemical Company (BUPC)
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AIRPACK REF. 17811-30B

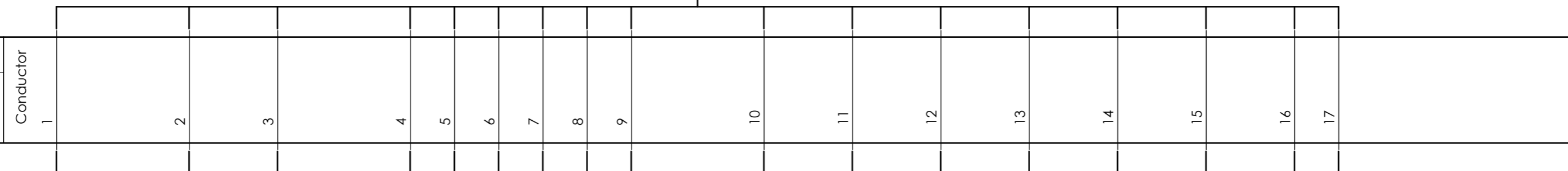
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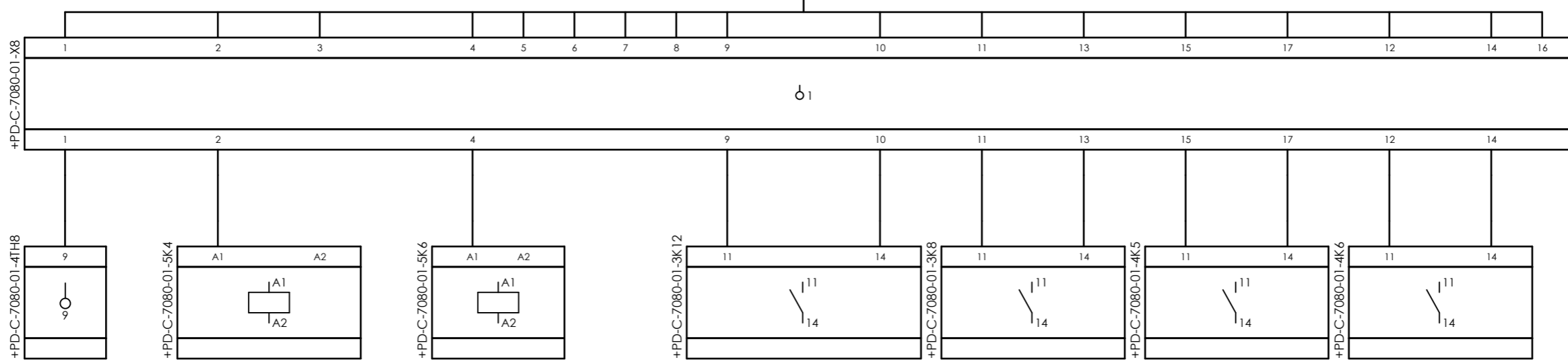
Internal targets



=20-C-7080+UCP-C7080-01-DB_COMB
20x1 mm²
Conductor



External targets



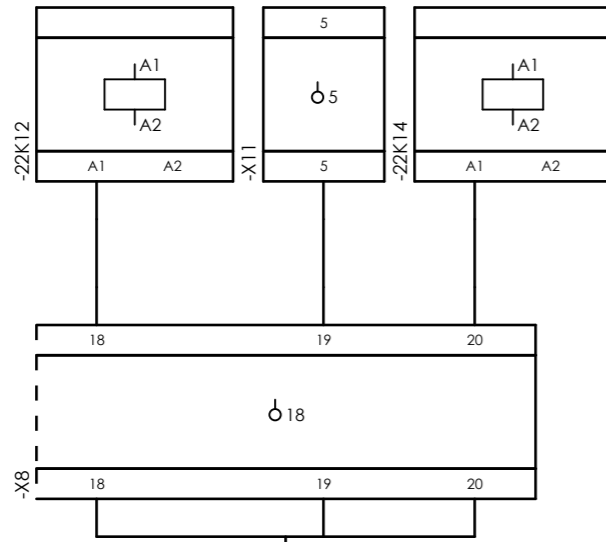
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EQUIPMENT NO. 20-C-7080
EQUIPMENT LOCATION Iran, Onshore
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CLIENT Bushehr Petrochemical Company (BUPC)
CLIENT REF. Bushehr MEG Plant Project
AIRPACK REF. 17811-30B

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LAST MODIFICATION DATE
AIRPACK DWG NO. 17811-30B
REVISION 00
TOTAL PAGE AMOUNT 12

= 20-C-7080
+ LOOP DIAGRAMS
CURRENT PAGE
11

Internal targets



=20-C-7080+UCP-C7080-01-DB_COMB

20x1 mm²

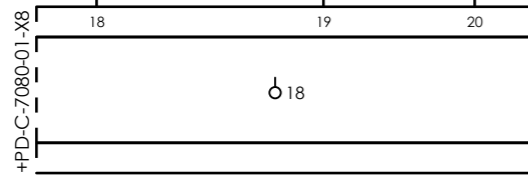
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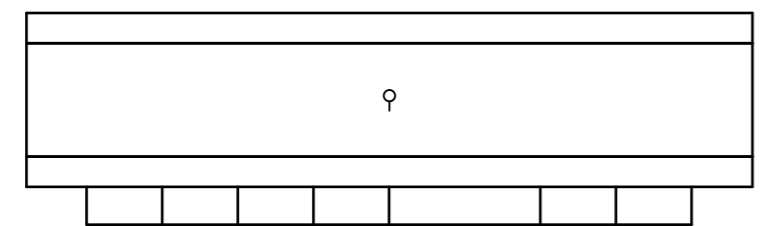
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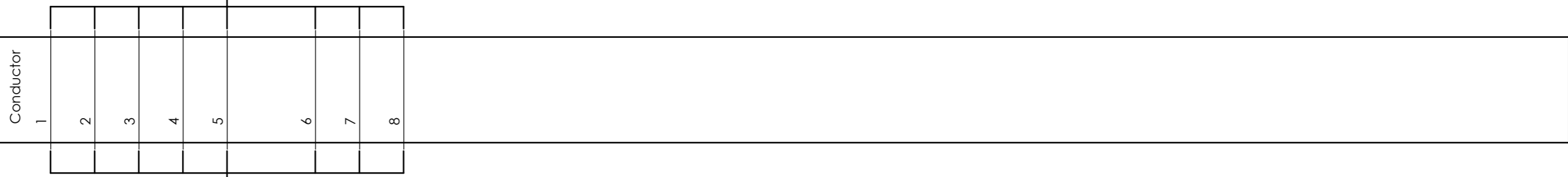
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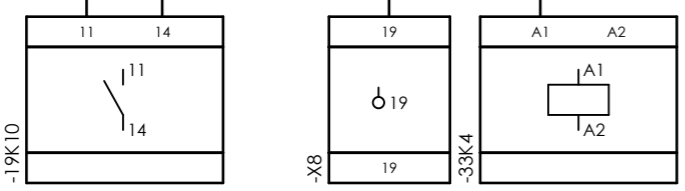
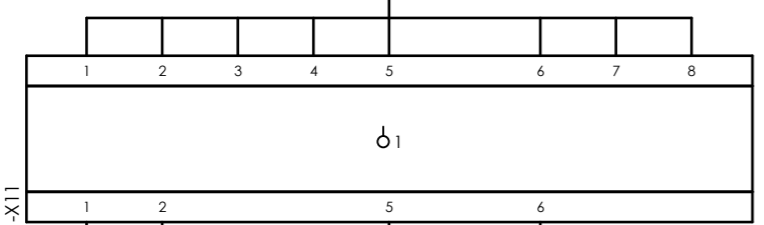
Internal targets



=20-C-7080+UCP-C7080-01-SIG_DCS
8x1 mm²



External targets



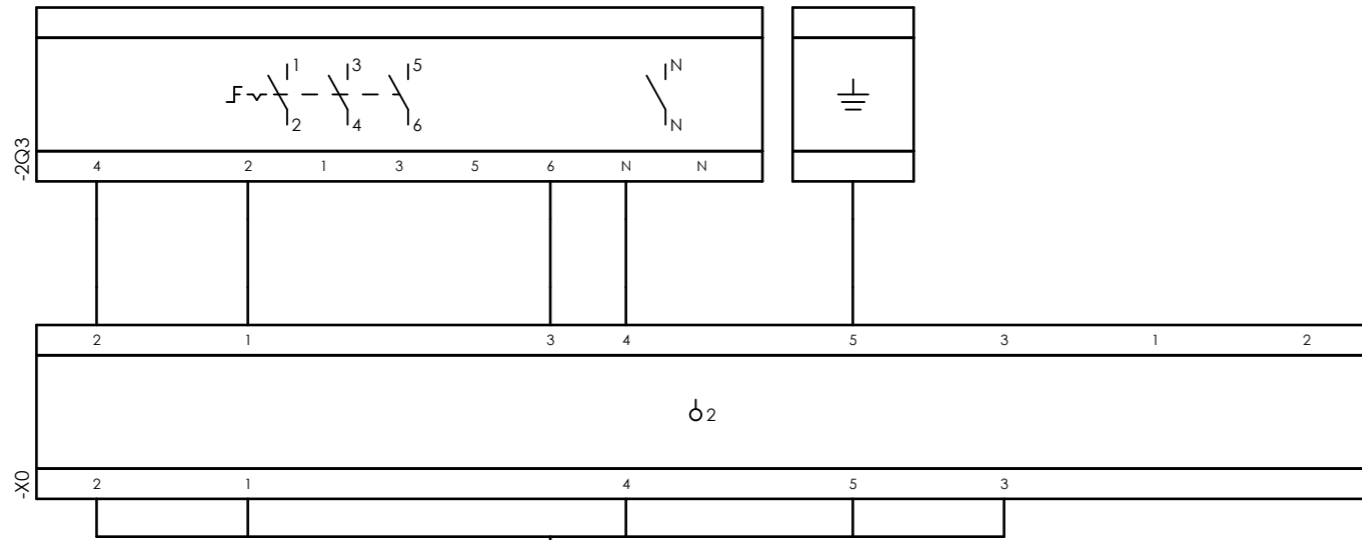
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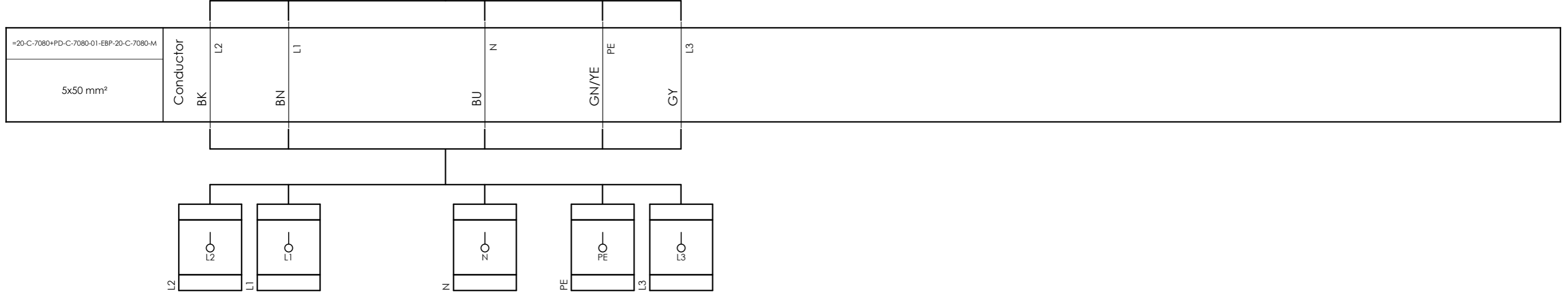
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= 20-C-7080
+ LOOP DIAGRAMS
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Internal targets



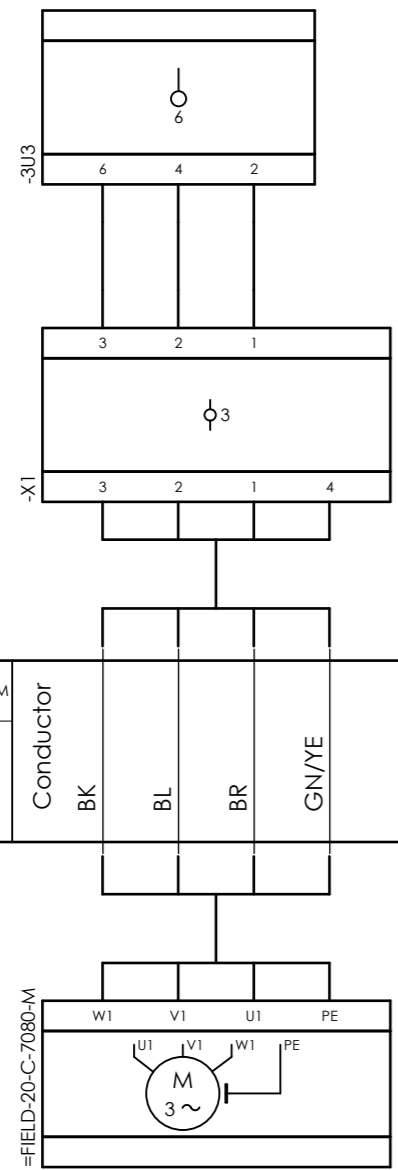
External targets



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Cable-connection diagram =20-C-7080+PD-C-7080-01-EBP-20-C-7080-M		CHECKED BY	RBE	+ LOOP DIAGRAMS
ADAPTED TO P&ID REVISION	02	LAST MODIFICATION DATE		CURRENT PAGE
CLIENT	Bushehr Petrochemical Company (BUPC)	AIRPACK DWG NO.	17811-30B	
CLIENT REF.	Bushehr MEG Plant Project	REVISION	00	
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Internal targets



External targets

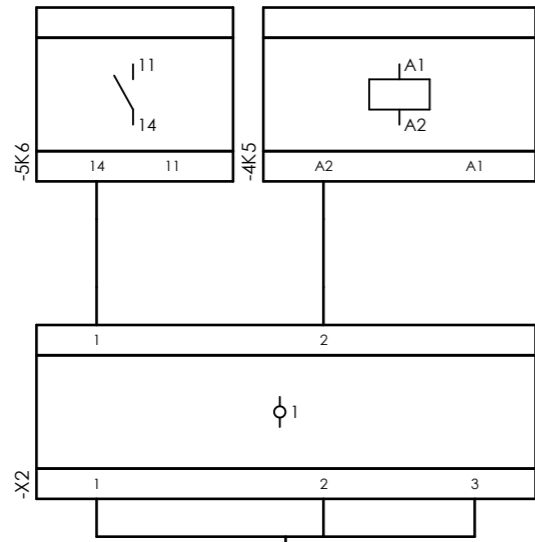


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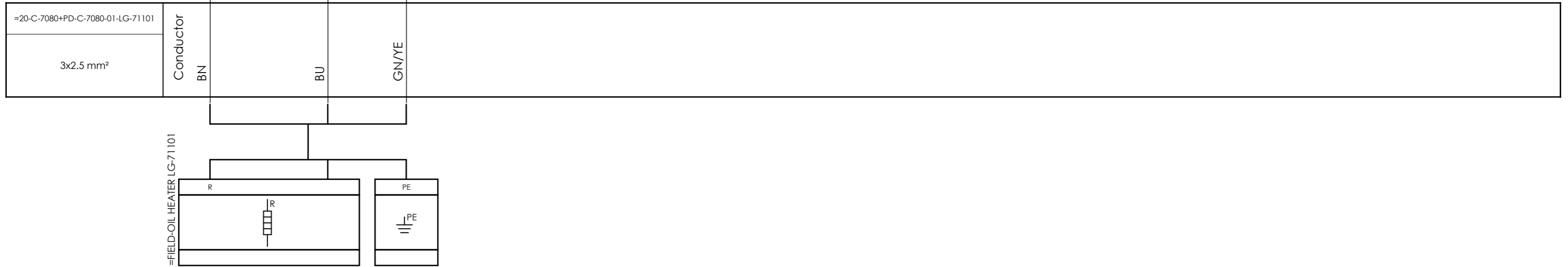
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CLIENT REF.	Bushehr MEG Plant Project	AIRPACK REF.	17811-30B

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CHECKED BY	RBE	+ LOOP DIAGRAMS
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AIRPACK DWG NO.	17811-30B	
REVISION	00	
TOTAL PAGE AMOUNT	16	

Internal targets



External targets

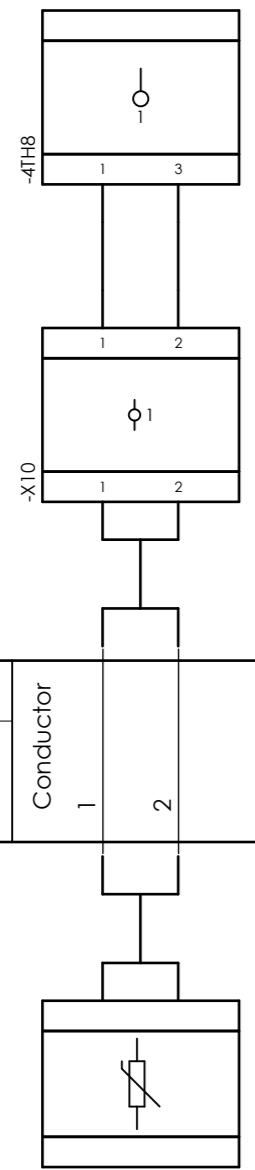


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CHECKED BY	RBE	+ LOOP DIAGRAMS
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AIRPACK DWG NO.	17811-30B	
REVISION	00	
TOTAL PAGE AMOUNT	17	

Internal targets



External targets

=20-C-7080+PD-C-7080-01-PT100	Conductor 1 2
2x1 mm ²	



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