MODIN M1030
AIR PURIFICATION

DCS CABINET Y1031
AIR PRE-COOLING & AIR PURIFICATION

REV	DATE	DESSINE PAR	MODIFICATIONS	VERIFIE PAR	APPROUVE PAR
REV	*DATE*	*DRAWN BY*	*REVISIONS*	*CHECKED BY*	*APPROVED BY*
2	15-12-05	S.P.	AS BUILT	F.M.	-
1	26-07-05	S.P.	FOR CONSTRUCTION	F.M.	-
0	13-05-05	S.P.	FOR APPROVAL	F.M.	-

AFFAIRE / *JOB*

ZAPORO

ENSEMBLE / *PART*

INSTRUMENTATION

TITRE / *TITLE*

DCS CABINET Y1031

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câblage électrique asm

AIR LIQUIDE INGENIERIE

ECHELLE *SCALE*	N° D'AFFAIRE *JOB NUMBER*	FMT *FMT*	GROUPE N° *GROUP NBR*
-	50-2852	A4	841-1031

2 1 0 Rev

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N° PAGE	INDICE 0	1	2	3	4	5	DOCUMENTS
0	X	X	X				Front page of the document
1	X	X	X				Table of contents
2	X	X					Table of contents
3	X						Front view
4	X		X				Inside arrangement of front view
5	X						Inside arrangement of rear view
6							Free
7	X	X					Interfaces modules arrangement – Rear view
8							Free
9							Free
10	X						Identification markers
11	X						Identification markers
12							Free
13							Free
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19	X						Power supply 230V~ – U.P.S. – Circuit diagram
20	X						Power supply 230V~ – U.P.S. – Circuit diagram
21	X						Power supply 230V~ U.P.S. – Terminal block X1
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27	X						Power supply 24V= – (PS01–PS02) – Circuit diagram

N° PAGE	INDICE 0	1	2	3	4	5	DOCUMENTS
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29	X						Power supply 24V=/230V~ Interfaces – Circuit diagram
30	X						Electric diagram fault circuit US 9031
31	X	X					Arrangement modules Rack
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35	X						Rack ANR01–02 – Slot 1 – AAI835 – 4AI/4AO–MIL–R–SW
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37	X						Rack ANR01–02 – Slot 3 – AAI835 – 4AI/4AO–MIL–R–SW
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39	X						Rack ANR01–02 – Slot 5 – AAI835 – 4AI/4AO–MIL–R–SW
40	X						Rack ANR01–02 – Slot 6 – AAI135 – 8AI–MIL–R–SW
41	X	X					Rack ANR01–02 – Slot 7 – AAI135 – 8AI–MIL–R–SW
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AIR LIQUIDE INGENIERIE

JOB Number 50–2852
Designation ZAPORO

DOCUMENT NUMBER 841–1031

AIR PRE–COOLING & AIR PURIFICATION

MODIN M1030
DCS CABINET Y1031
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57	X						Rack ANR01-03 - Slot 7 - ADV551 - 32DO-MIL-R
58	X	X					Rack ANR01-03 - Slot 7 - ADV551 - 32DO-MIL-R
59	X						Rack ANR01-03 - Slot 7 - ADV551 - 32DO-MIL-R
60	X						Rack ANR01-03 - Slot 8 - ADV551 - 32DO-MIL-R
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81	X						Terminals blocks - MTB1031A
82	X						Terminals blocks - LTB1031A
83	X						Terminals blocks - LTB1031B

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AIR LIQUIDE INGENIERIE

JOB Number 50-2852
Designation ZAPORO

DOCUMENT NUMBER 841-1031

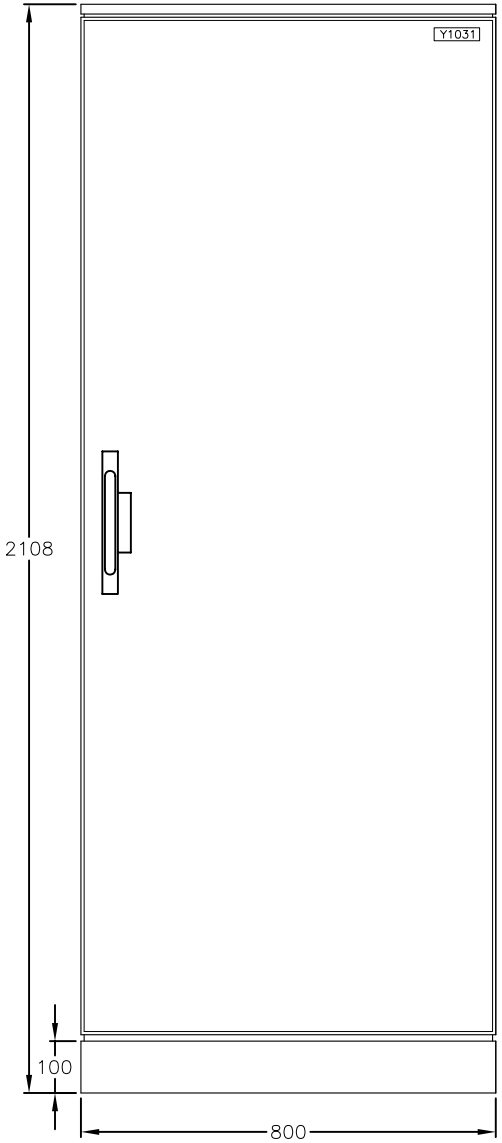
AIR PRE-COOLING & AIR PURIFICATION

MODIN M1030
DCS CABINET Y1031
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FRONT VIEW



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AIR LIQUIDE INGENIERIE

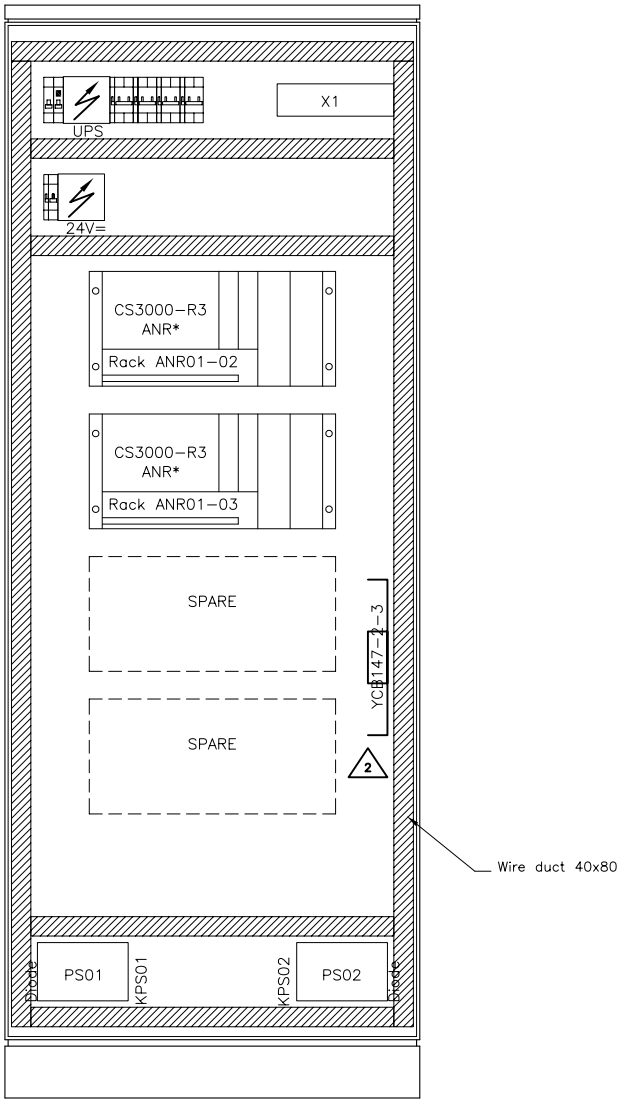
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INSIDE ARRANGEMENT OF FRONT VIEW



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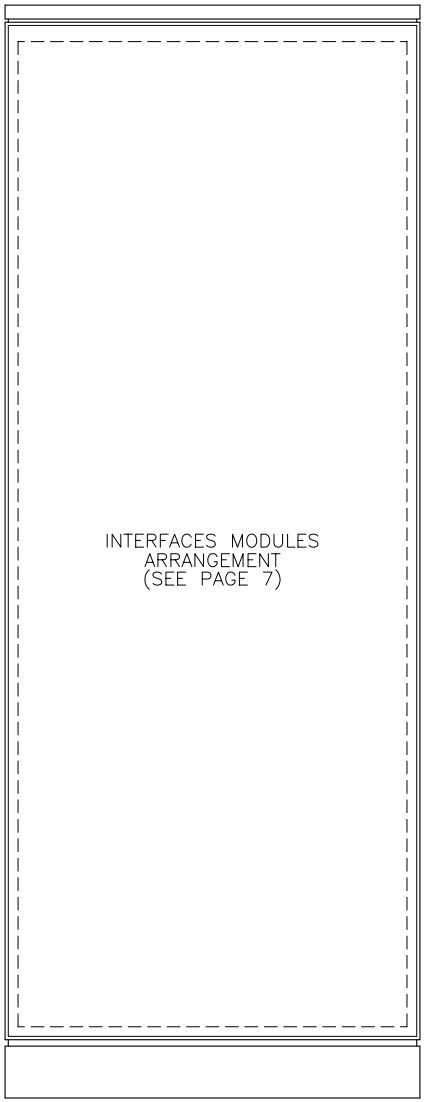
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Designation	ZAPORO	841-1031	DCS CABINET Y1031
AIR PRE-COOLING & AIR PURIFICATION			Inside arrangement of front view

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INSIDE ARRANGEMENT OF REAR VIEW



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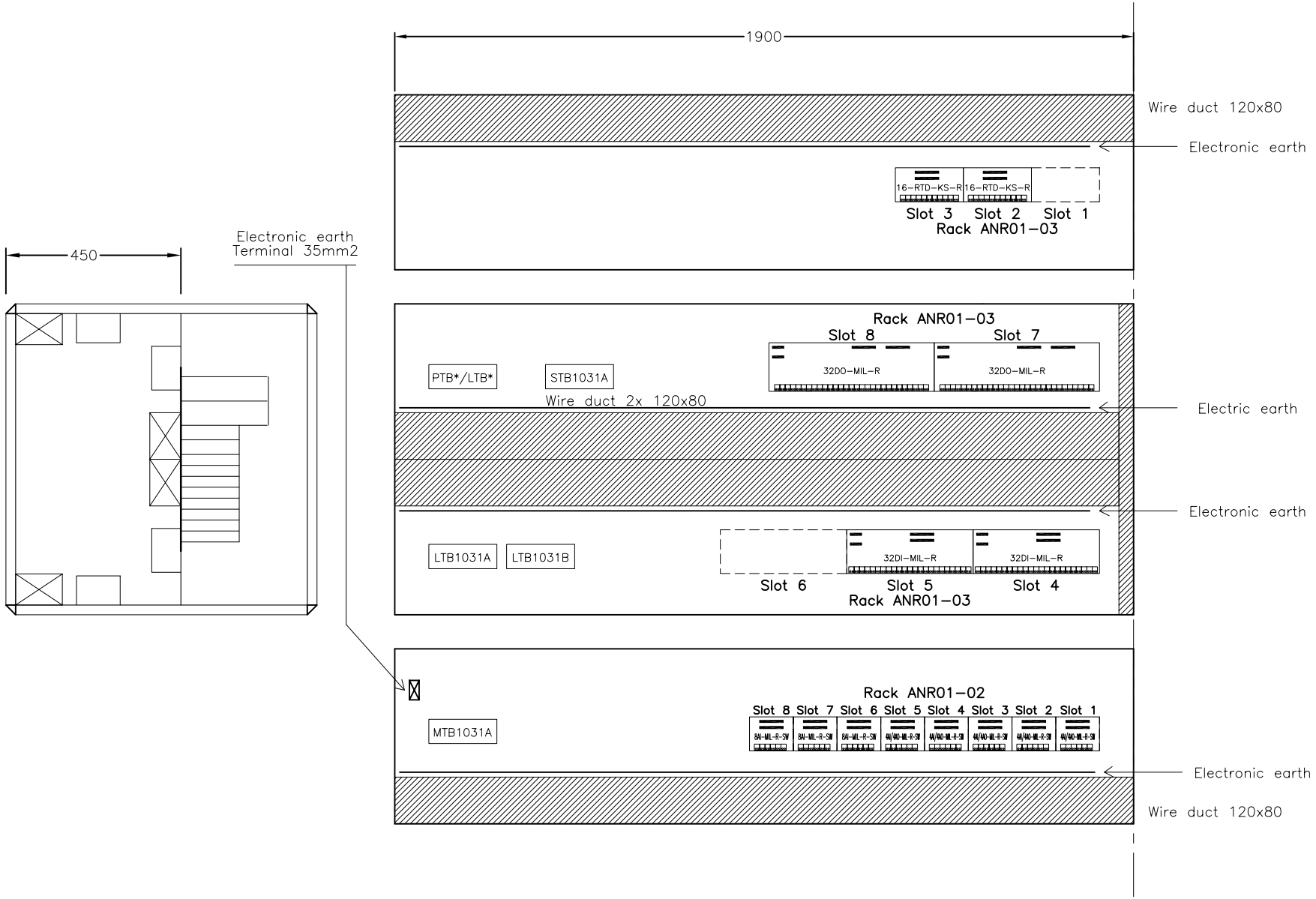
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AIR LIQUIDE INGENIERIE

JOB Number	50–2852	DOCUMENT NUMBER
Designation	ZAPORO	841–1031
AIR PRE–COOLING & AIR PURIFICATION		

MODIN M1030
DCS CABINET Y1031
Inside arrangement of rear view

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câblage électrique asm / AIR LIQUIDE INGENIERIE	JOB Number 50-2852 Designation ZAPORO	DOCUMENT NUMBER 841-1031	MODIN M1030 DCS CABINET Y1031 Interfaces modules arrangement Rear view	index	0	1	PAGE
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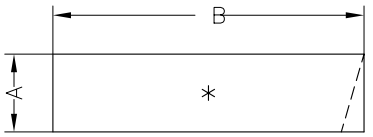
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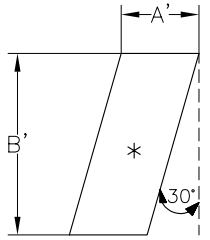
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2	RACK ANR01-02			1	20	40
3	RACK ANR01-03			1	20	40
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5						
6						
7	Q1 - GENERAL	CIRCUIT BREAKER	230V-50Hz - UPS	1	20	36
8	Q1.1 - 230V~ UPS	POWER SUPPLY	Terminal block X1	1	20	45
9	Q1.2 - 230V~ UPS	POWER SUPPLY	PS01 - 24V=	1	20	45
10	Q1.3 - 230V~ UPS	POWER SUPPLY	PS02 - 24V=	1	20	45
11	Q1.4 - 230V~ UPS	POWER SUPPLY	Interfaces - 230V~	1	20	45
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14						
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22	PS01-POWER SUPPLY	24V=		1	20	120
22	PS02-POWER SUPPLY	24V=		1	20	120
24	KPS01			1	20	20
25	KPS02			1	20	20
26	Q24V - 24V=	POWER SUPPLY	Interfaces	1	20	36
27						
28	PTB24			1	10	30

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42	LTB1031A			1	20	40
43	MTB1031A			1	20	40
44	STB1031A			1	20	40
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46	LTB1031			1	20	40
47	PTB1031	GENERAL INCOMING		1	20	40
48						

Material : White phenolic label 1.6 Thickness-Black lettering.

Fixing : By Glueing.





câblage électrique asm

AIR LIQUIDE INGENIERIE

JOB Number 50-2852
Designation ZAPORO

DOCUMENT NUMBER 841-1031

AIR PRE-COOLING & AIR PURIFICATION

MODIN M1030
DCS CABINET Y1031
Identification markers

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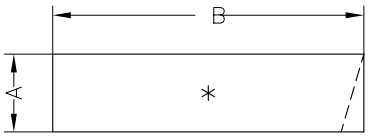
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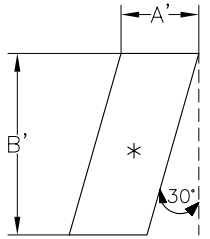
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95						
96						

Material : White phenolic label 1.6 Thickness–Black lettering.

Fixing : By Glueing.





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AIR LIQUIDE INGENIERIE

JOB Number 50-2852
Designation ZAPORO

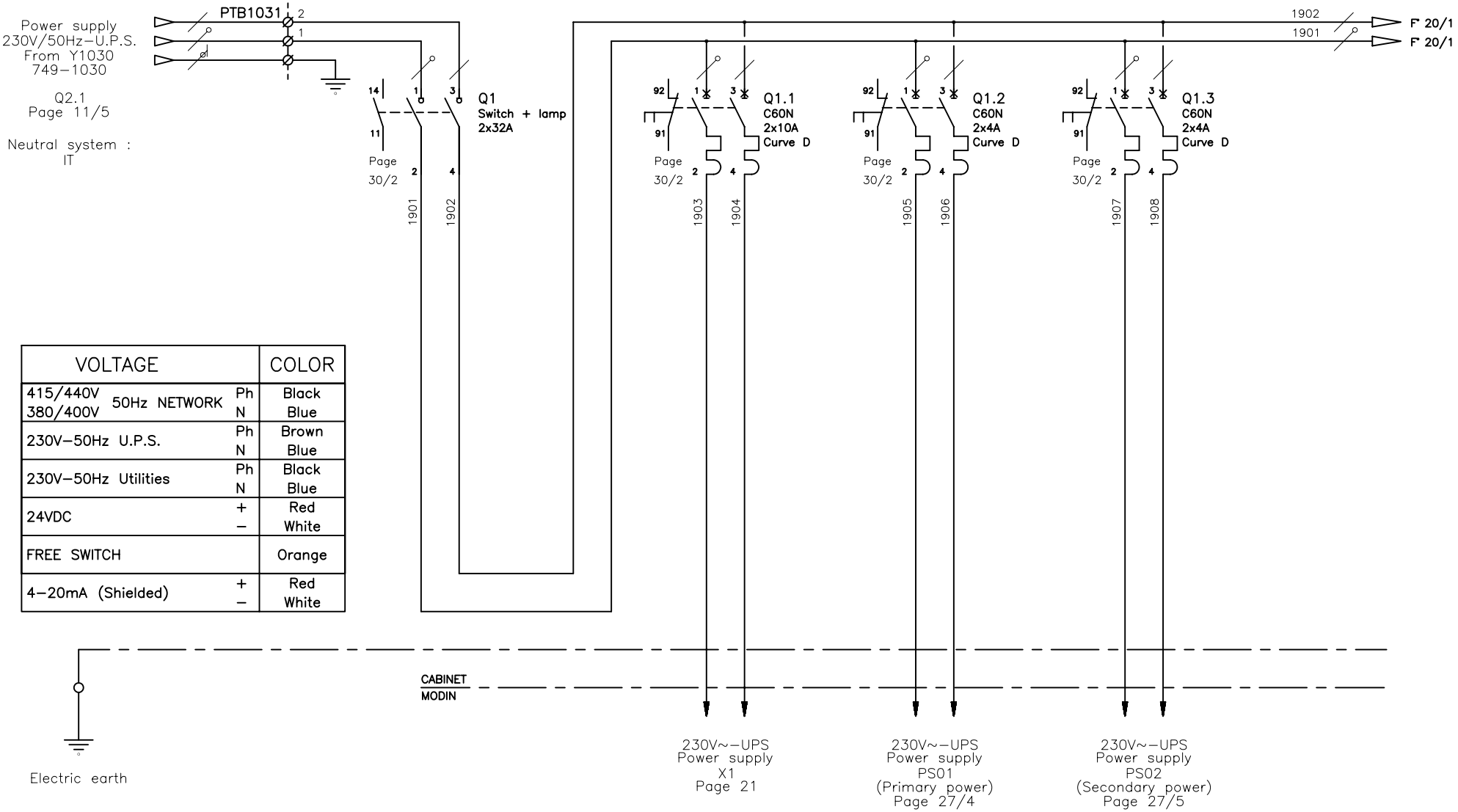
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AIR PRE-COOLING & AIR PURIFICATION

MODIN M1030
DCS CABINET Y1031
Identification markers

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VOLTAGE		COLOR
415/440V 380/400V 50Hz NETWORK	Ph	Black
	N	Blue
230V–50Hz U.P.S.	Ph	Brown
	N	Blue
230V–50Hz Utilities	Ph	Black
	N	Blue
24VDC	+	Red
	–	White
FREE SWITCH		Orange
4–20mA (Shielded)	+	Red
	–	White

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AIR LIQUIDE INGENIERIE

JOB Number 50–2852
Designation ZAPORO

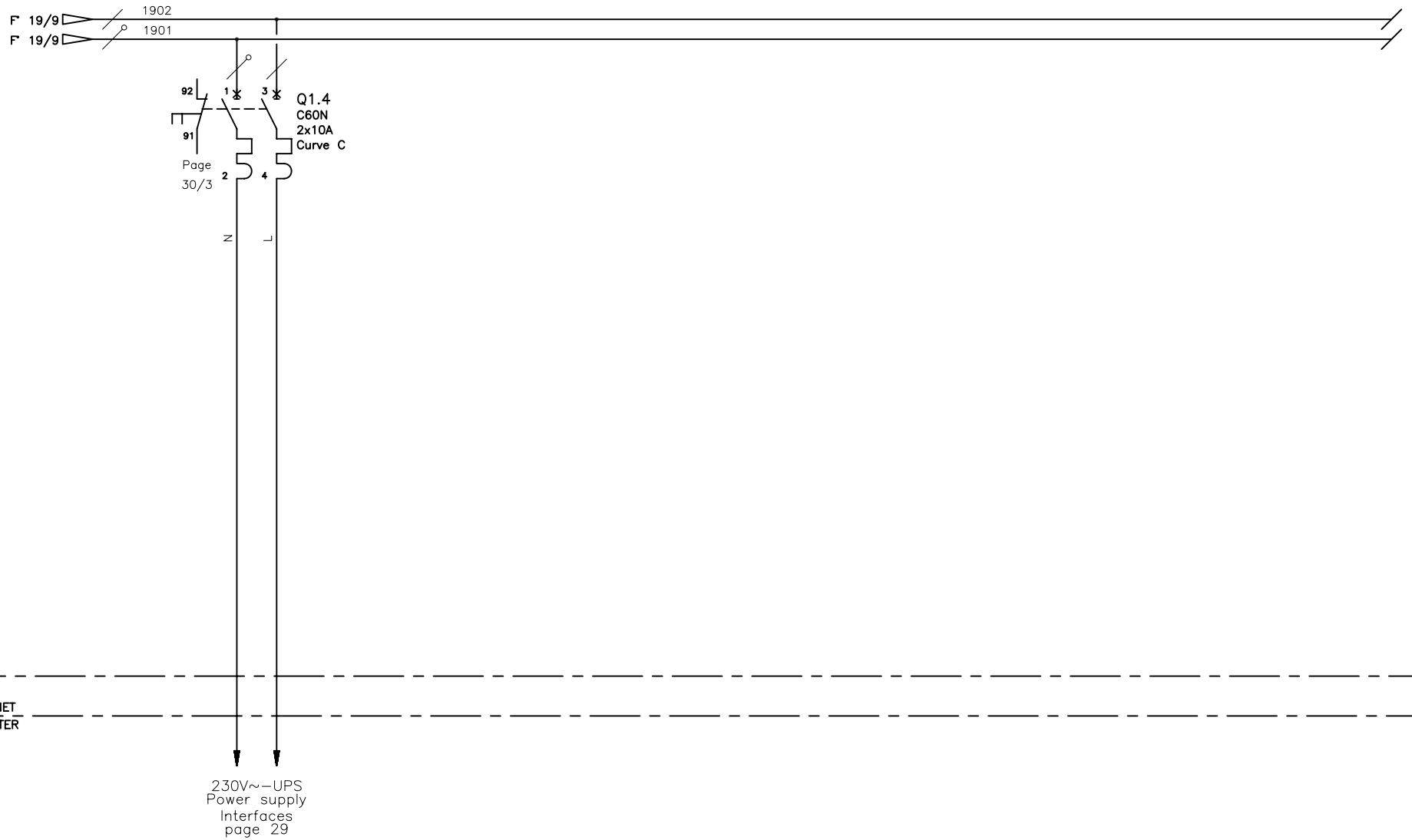
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AIR PRE–COOLING & AIR PURIFICATION

MODIN M1030
DCS CABINET Y1031
Power supply 230V~ – U.P.S.
Circuit diagram

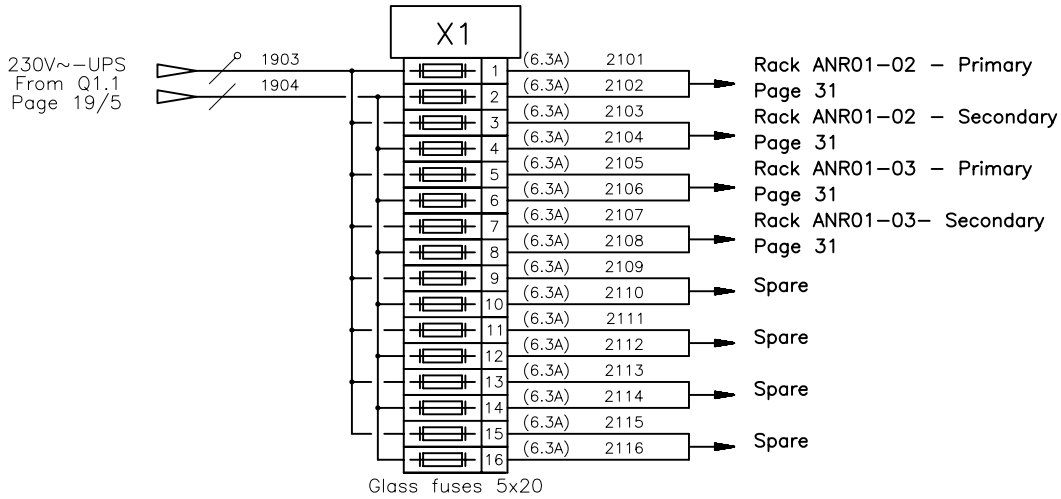
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AIR LIQUIDE INGENIERIE	AIR PRE-COOLING & AIR PURIFICATION		Power supply 230V~ - U.P.S. Circuit diagram	name	S.P.					
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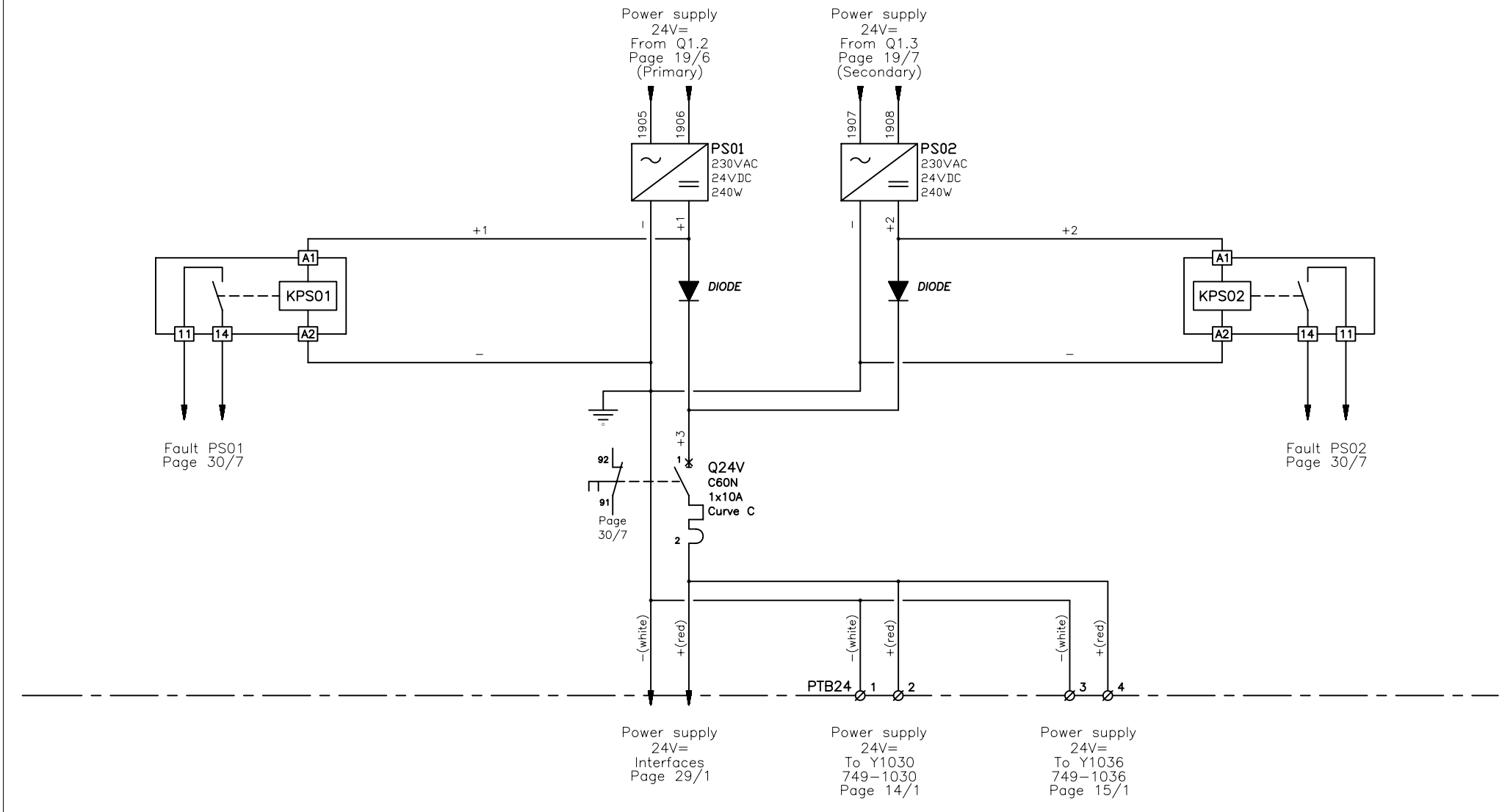
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Glass fuse

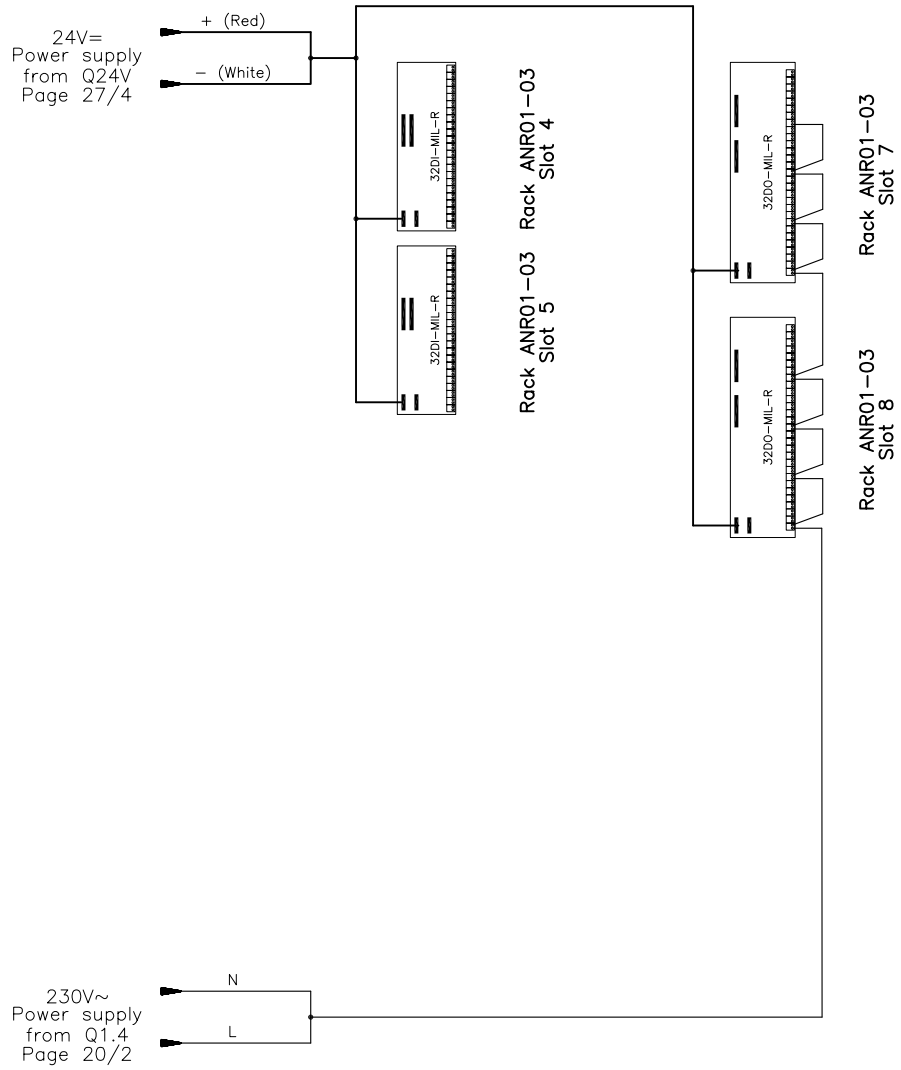
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				sign	F.M.					

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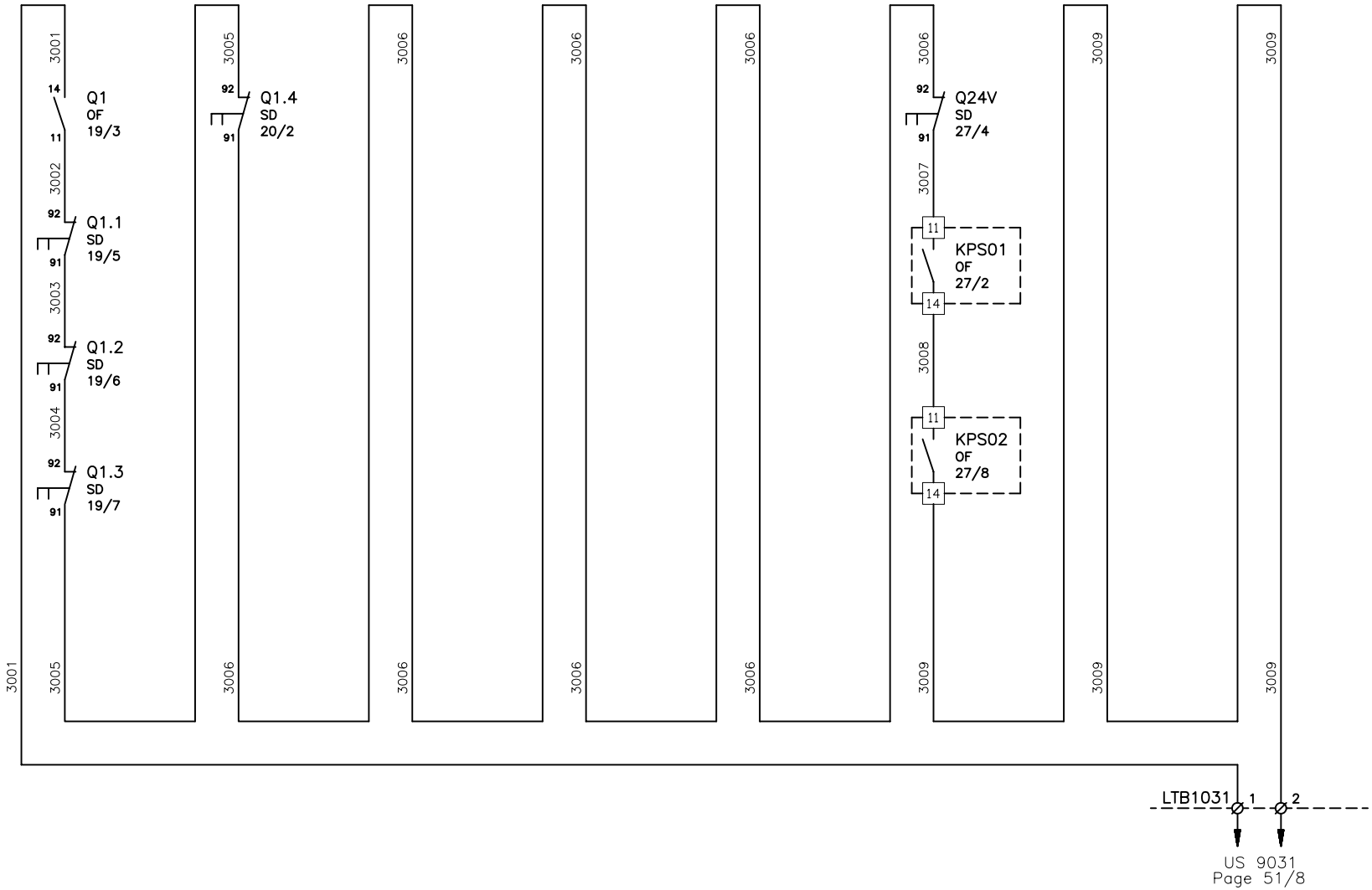
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AIR LIQUIDE INGENIERIE	AIR PRE-COOLING & AIR PURIFICATION		Power supply 24V= (PS01-PS02) Circuit diagram	name	S.P.					
				sign	F.M.					

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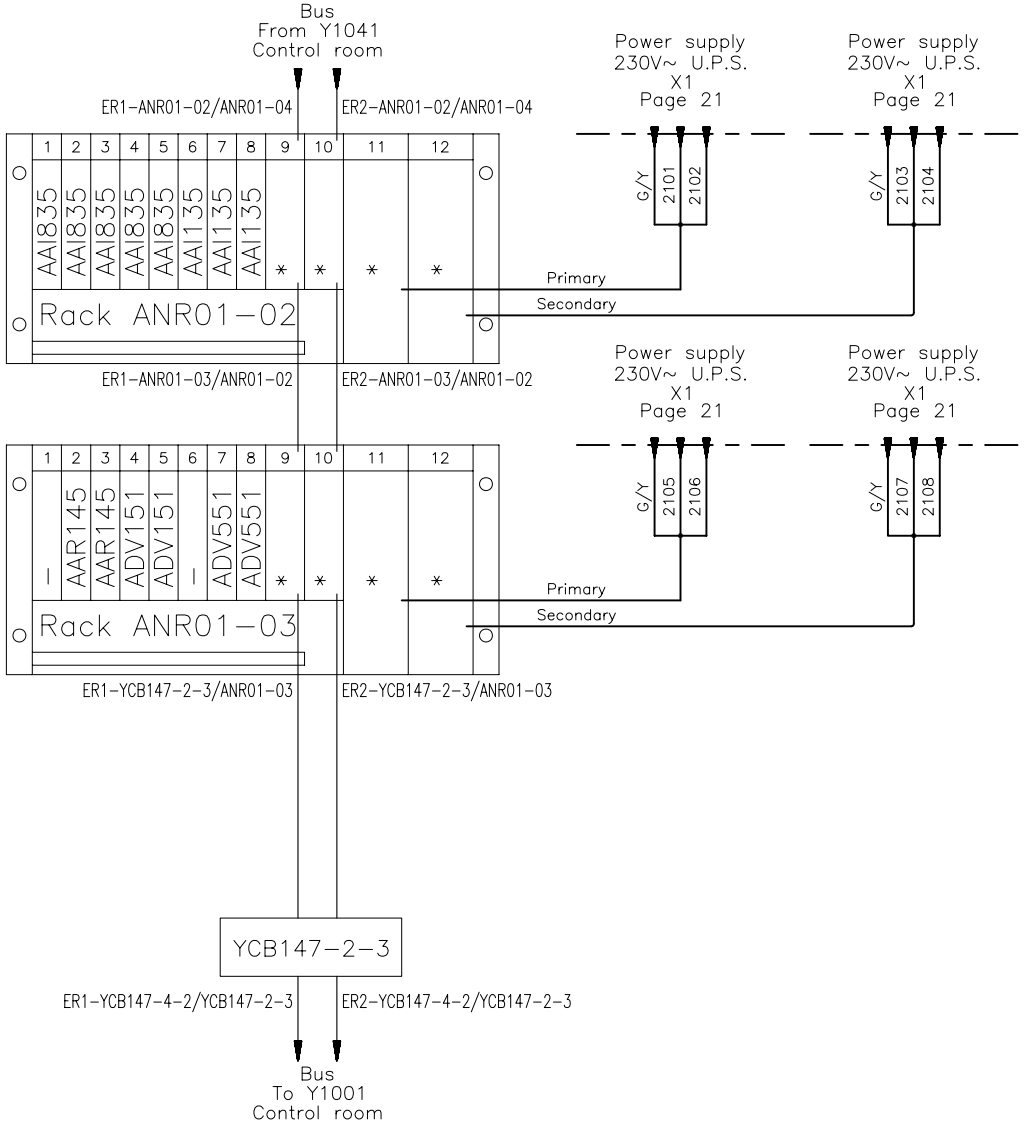
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				sign	F.M.					

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câblage électrique asm	JOB Number 50-2852	DOCUMENT NUMBER	MODIN M1030	index	0					PAGE
	Designation ZAPORO	841-1031	DCS CABINET Y1031	date	13-05-05					30/99
AIR LIQUIDE INGENIERIE	AIR PRE-COOLING & AIR PURIFICATION		Electrical diagram fault	name	S.P.					
				sign	F.M.					

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Card	Interface	Cable
YOKOGAWA – CS3000 AAI835	YOKOGAWA – Module 4AI/4AO 4AI/4AO–MIL–R–SW	WAGO – Cable 40pts 51023537
YOKOGAWA – CS3000 AAI135	YOKOGAWA – Module 8AI 8AI–MIL–R–SW	WAGO – Cable 40pts 51023537
YOKOGAWA – CS3000 AAR145	YOKOGAWA – Module 16RTD 16RTD–KS–R	WAGO – Cable 50pts 51023538
YOKOGAWA – CS3000 ADV551	YOKOGAWA – Module 32DO 32DO–MIL–R	WAGO – Cable 50pts 51023538
YOKOGAWA – CS3000 ADV151	YOKOGAWA – Module 32DI 32DI–MIL–R	WAGO – Cable 50pts 51023538

câblage électrique asm

AIR LIQUIDE INGENIERIE

JOB Number 50–2852
Designation ZAPORO

DOCUMENT NUMBER 841–1031

AIR PRE–COOLING & AIR PURIFICATION

MODIN M1030
DCS CABINET Y1031
Arrangement modules Rack

index	0	1				PAGE
date	13–05–05	26–07–05				31 / 99
name	S.P.	S.P.				
sign	F.M.	F.M.				

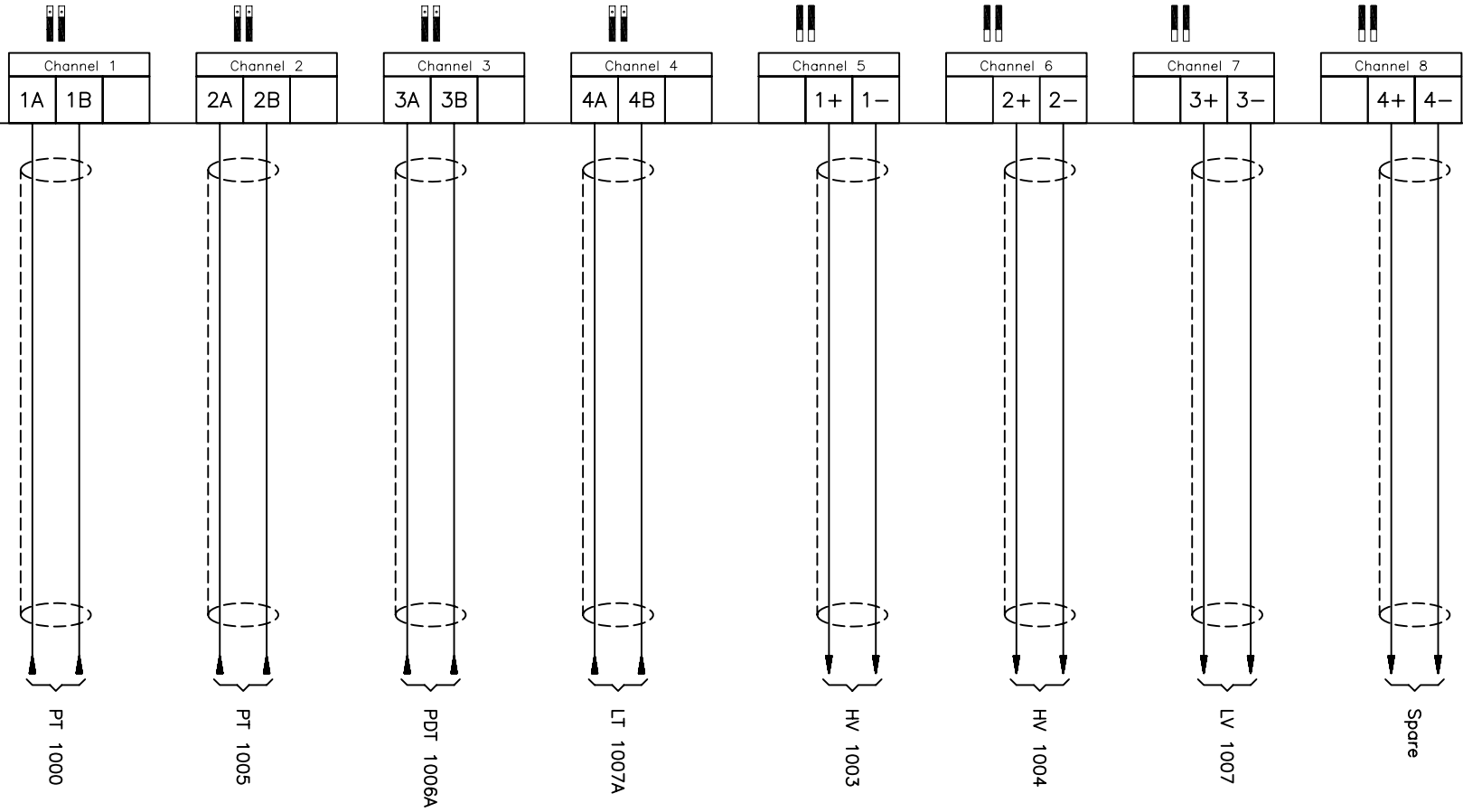
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1	2	3	4	5	6	7	8	9

Switching Configuration	
3 1 2	Analog input internal power
3 1 2	Analog input external power or Analog output

- YOKOGAWA -

Interface 4AI/AO−MIL−R−SW
Rack ANR01−02 − Slot 1



câblage électrique asm / AIR LIQUIDE INGENIERIE	JOB Number 50−2852 Designation ZAPORO	DOCUMENT NUMBER 841−1031	MODIN M1030 DCS CABINET Y1031 Terminals diagram Rack ANR01−02 − Slot 1 AAI835 − 4AI/4AO−MIL−R−SW	index	0		PAGE
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				name	S.P.		
				sign	F.M.		

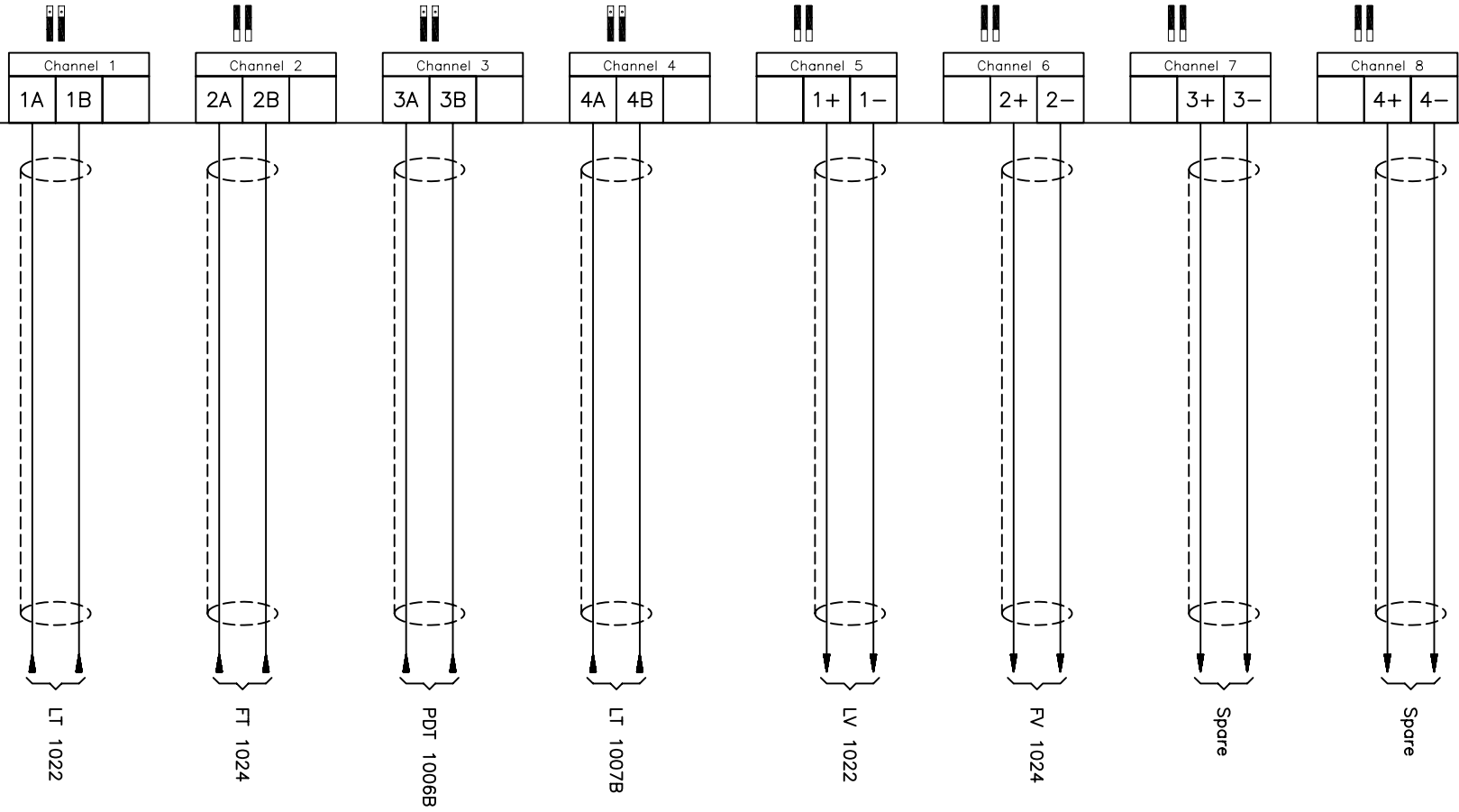
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1	2	3	4	5	6	7	8	9

Switching Configuration	
3 1 2	Analog input internal power
3 1 2	Analog input external power or Analog output

- YOKOGAWA -

Interface 4AI/AO−MIL−R−SW
Rack ANR01−02 − Slot 2



câblage électrique asm / AIR LIQUIDE INGENIERIE	JOB Number 50−2852 Designation ZAPORO	DOCUMENT NUMBER 841−1031	MODIN M1030 DCS CABINET Y1031 Terminals diagram Rack ANR01−02 − Slot 2 AAI835 − 4AI/4AO−MIL−R−SW	index	0		PAGE
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				name	S.P.		
				sign	F.M.		

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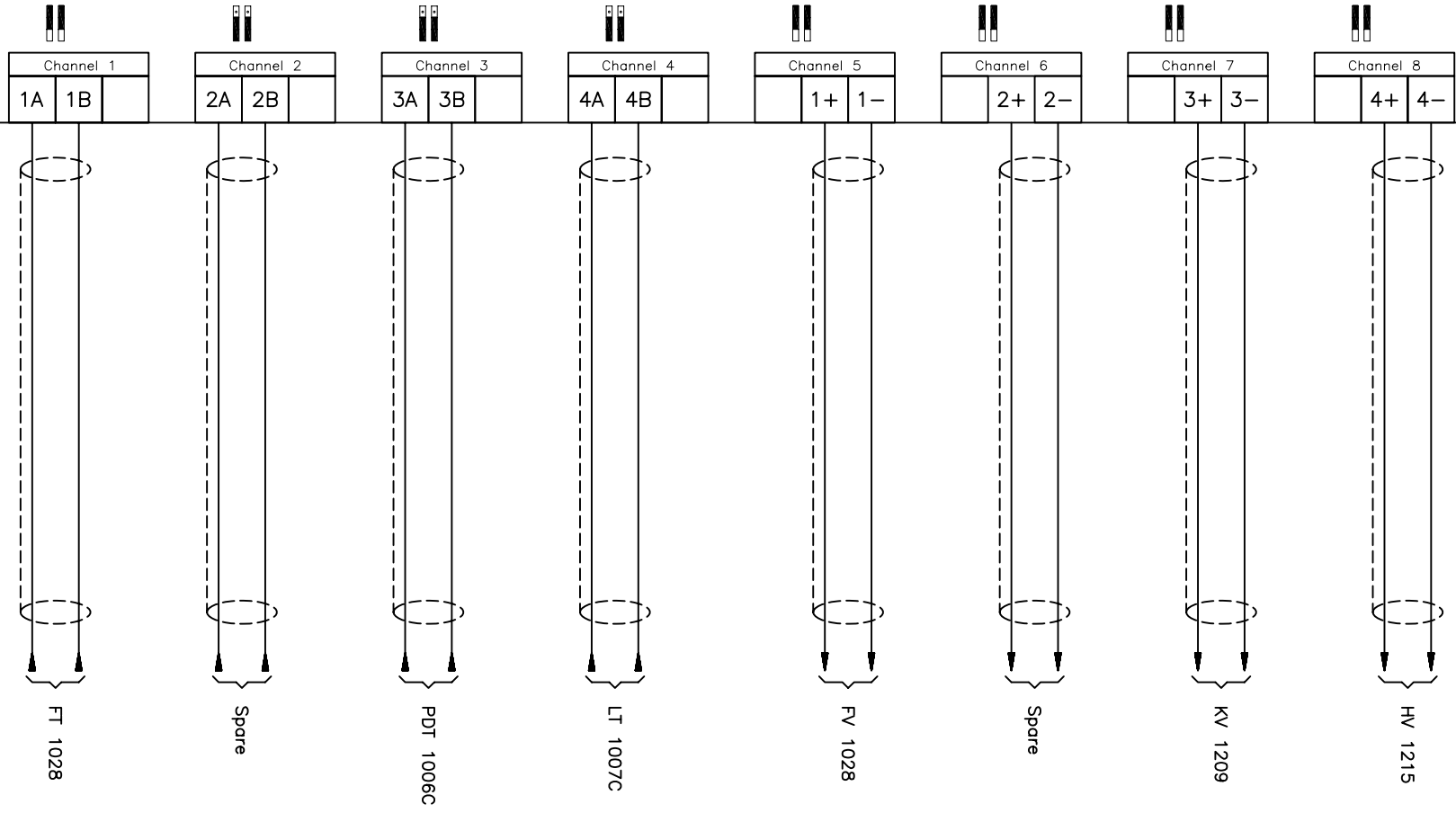
1	2	3	4	5	6	7	8	9

Switching Configuration

- Analog input internal power
- Analog input external power or Analog output

- YOKOGAWA -

Interface 4AI/AO−MIL−R−SW
Rack ANR01−02 − Slot 3



câblage électrique asm

AIR LIQUIDE INGENIERIE

JOB Number / Designation: 50−2852 ZAPORO	DOCUMENT NUMBER: 841−1031	MODIN M1030 DCS CABINET Y1031 Terminals diagram Rack ANR01−02 − Slot 3 AAI835 − 4AI/4AO−MIL−R−SW
AIR PRE−COOLING & AIR PURIFICATION		

index	0					PAGE
date	13−05−05					37 / 99
name	S.P.					
sign	F.M.					

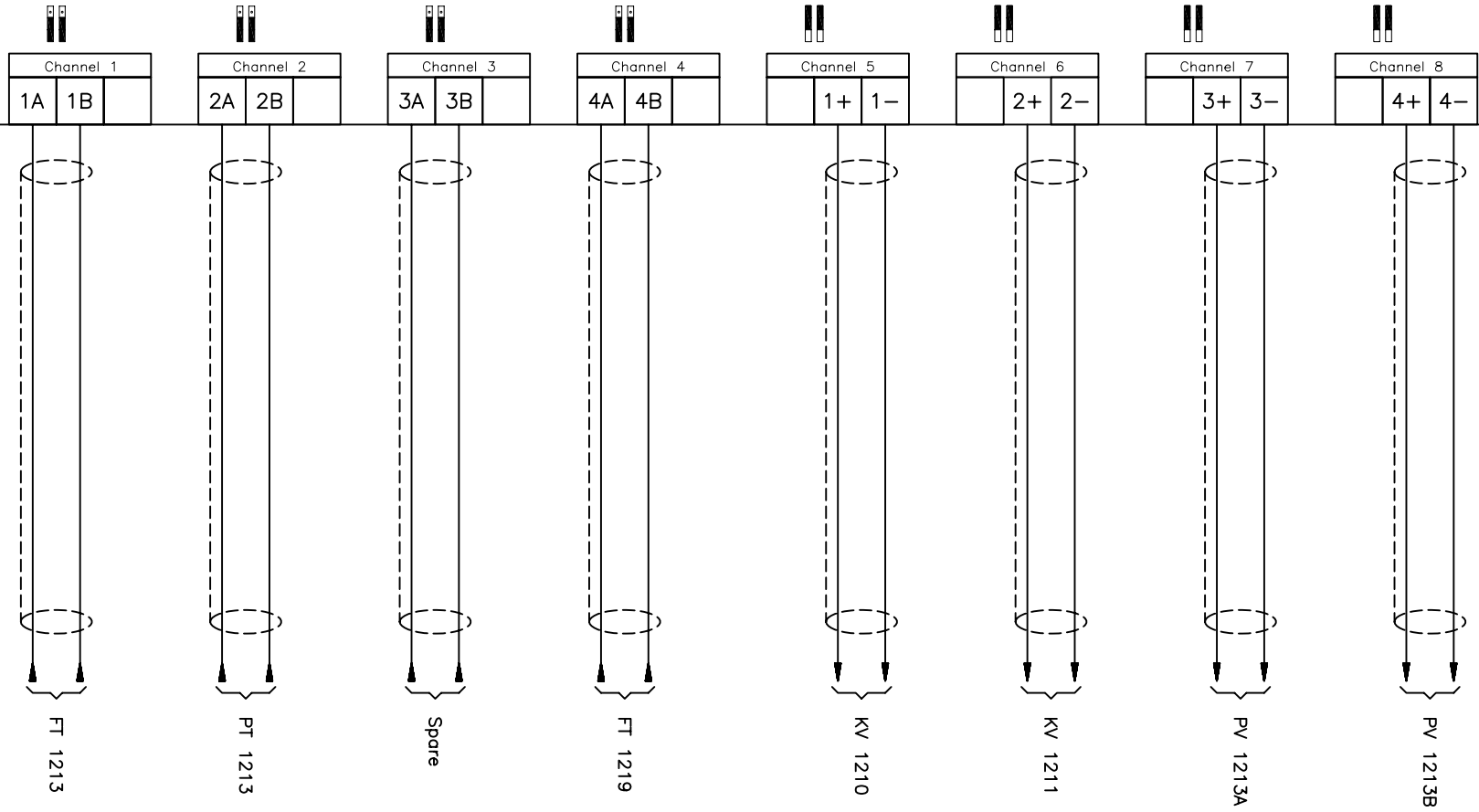
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1	2	3	4	5	6	7	8	9

Switching Configuration	
3 1 2	Analog input internal power
3 1 2	Analog input external power or Analog output

- YOKOGAWA -

Interface 4AI/AO−MIL−R−SW
Rack ANR01−02 − Slot 4



câblage électrique asm / AIR LIQUIDE INGENIERIE	JOB Number 50−2852 Designation ZAPORO	DOCUMENT NUMBER 841−1031	MODIN M1030 DCS CABINET Y1031 Terminals diagram Rack ANR01−02 − Slot 4 AAI835 − 4AI/4AO−MIL−R−SW	index	0		PAGE
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				name	S.P.		
				sign	F.M.		

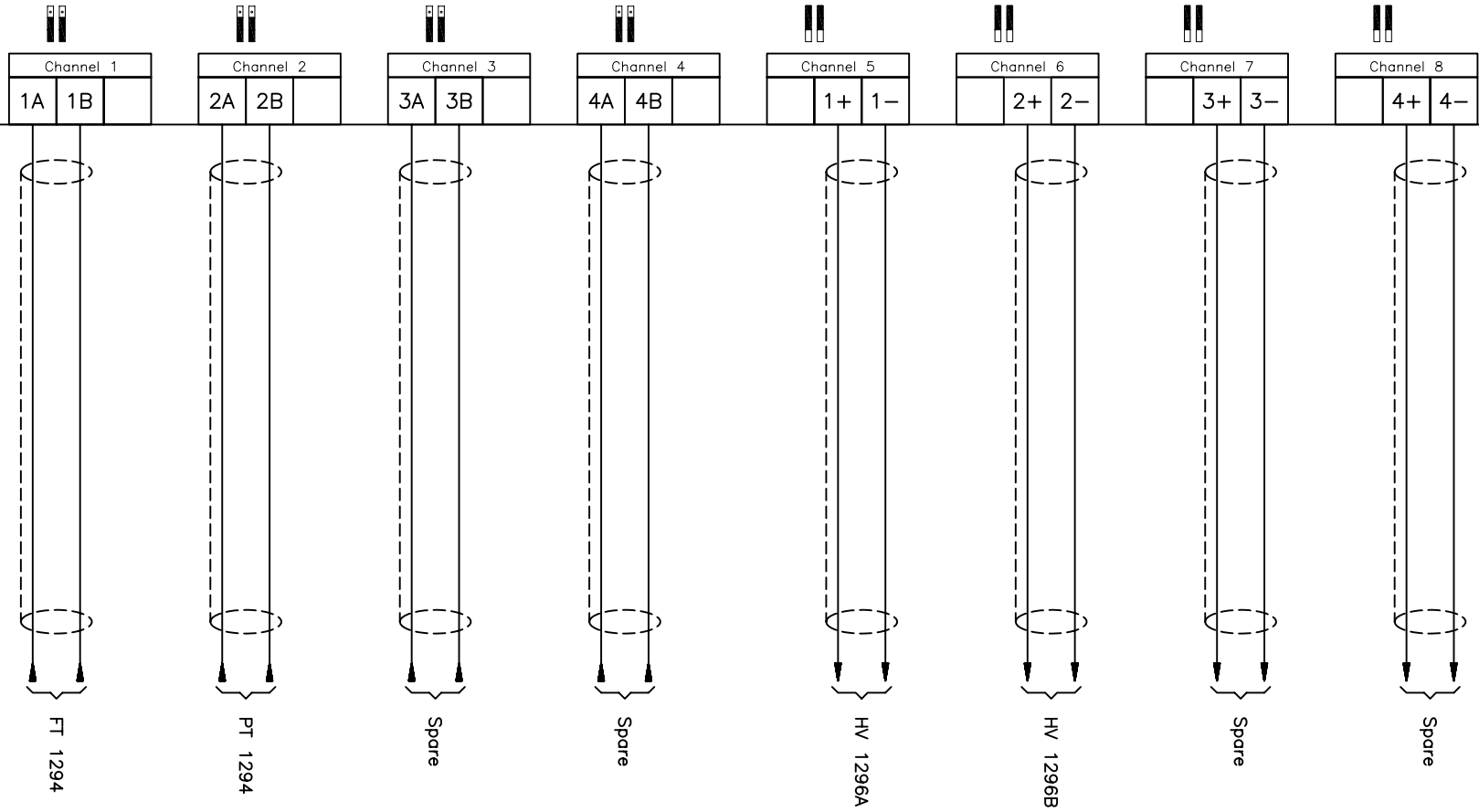
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1	2	3	4	5	6	7	8	9

Switching Configuration	
3 1 2	Analog input internal power
3 1 2	Analog input external power or Analog output

- YOKOGAWA -

Interface 4AI/AO−MIL−R−SW
Rack ANR01−02 − Slot 5



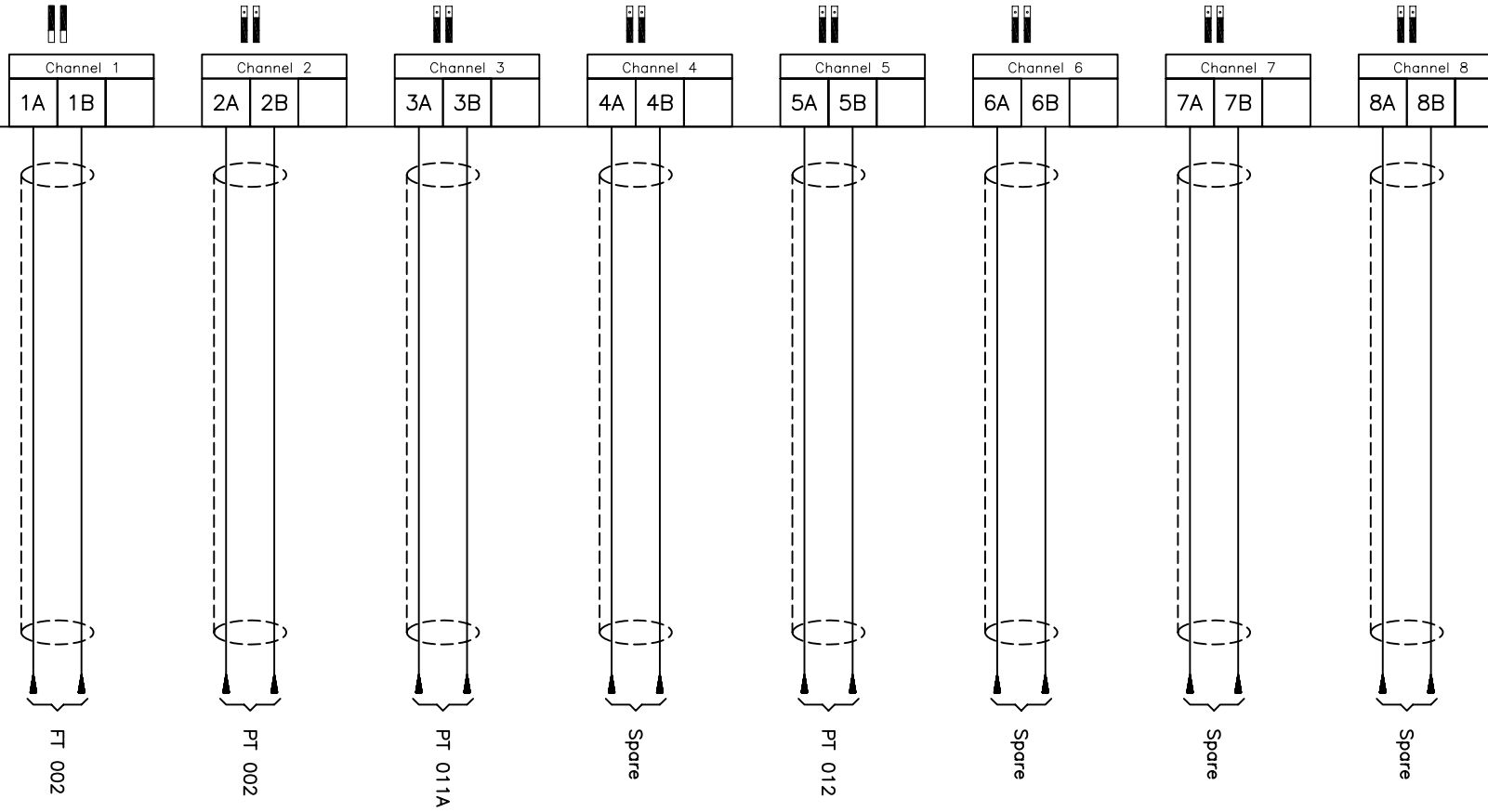
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AIR LIQUIDE INGENIERIE	AIR PRE−COOLING & AIR PURIFICATION			date	13−05−05		39 / 99
				name	S.P.		
				sign	F.M.		

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Switching Configuration	
3 1 2	Analog input internal power
3 1 2	Analog input external power or Analog output

- YOKOGAWA -

Interface 8AI–MIL–R–SW
Rack ANR01–02 – Slot 6



1

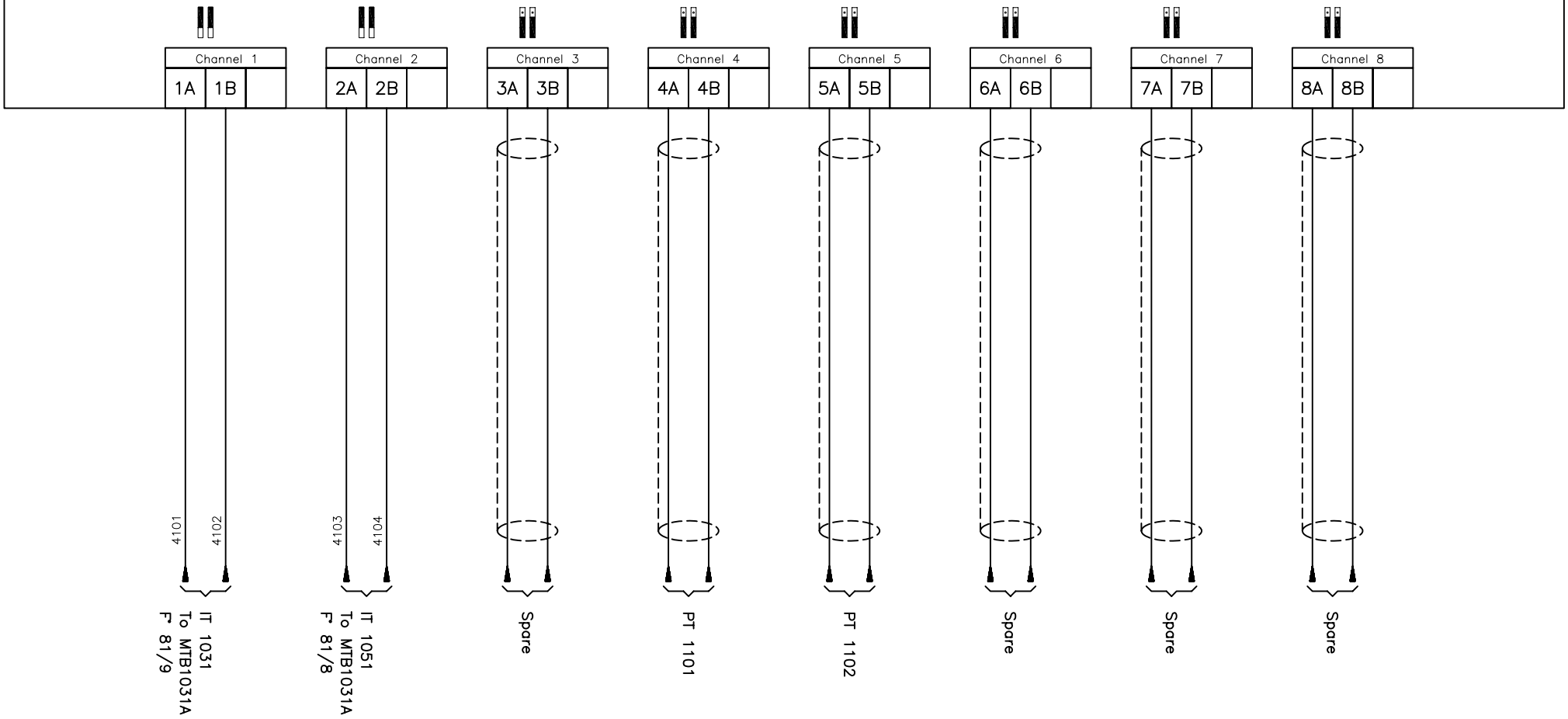
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	AIR PRE–COOLING & AIR PURIFICATION						

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Switching Configuration	
3 1 2	Analog input internal power
3 1 2	Analog input external power or Analog output

- YOKOGAWA -

Interface 8AI–MIL–R–SW
Rack ANR01–02 – Slot 7



câblage électrique asm / AIR LIQUIDE INGENIERIE	JOB Number 50–2852 Designation ZAPORO	DOCUMENT NUMBER 841–1031	MODIN M1030 DCS CABINET Y1031 Terminals diagram Rack ANR01–02 – Slot 7 AAI135 – 8AI–MIL–R–SW
	AIR PRE–COOLING & AIR PURIFICATION		

index	0					PAGE
date	13–05–05					41 / 99
name	S.P.					
sign	F.M.					

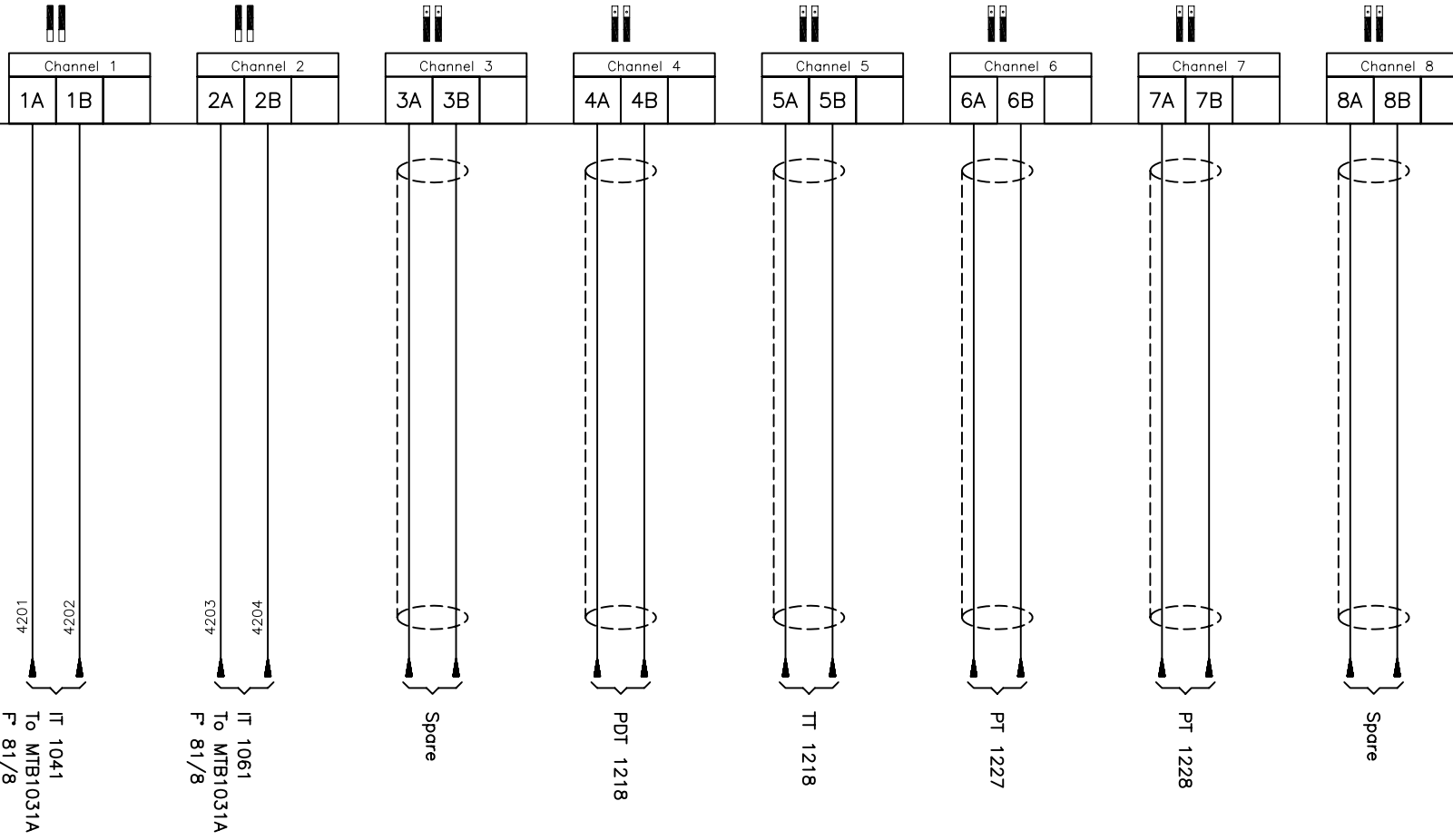
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1	2	3	4	5	6	7	8	9

Switching Configuration	
3 1 2	Analog input internal power
3 1 2	Analog input external power or Analog output

- YOKOGAWA -

Interface 8AI–MIL–R–SW
Rack ANR01–02 – Slot 8



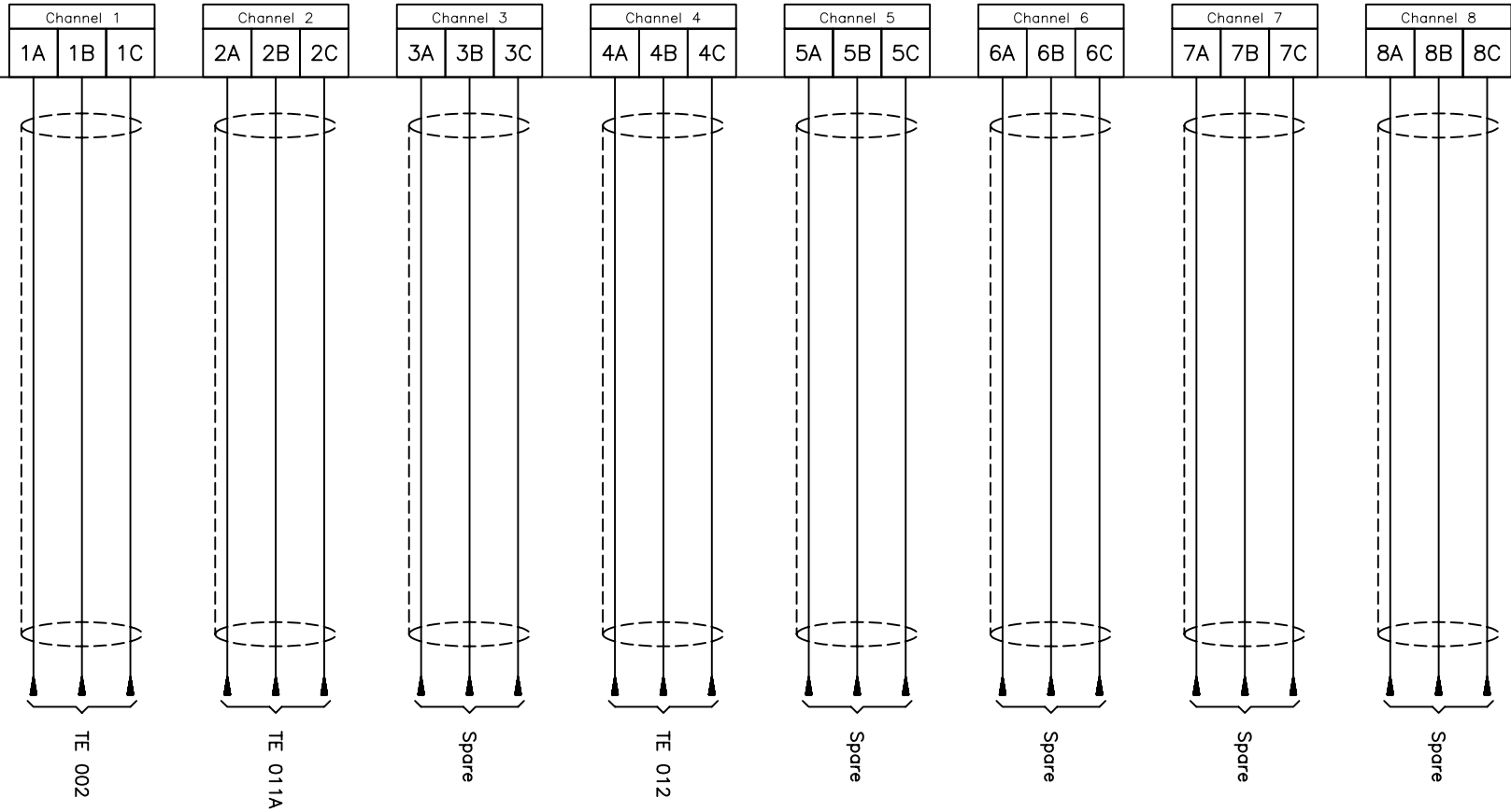
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AIR LIQUIDE INGENIERIE	AIR PRE–COOLING & AIR PURIFICATION			date	13–05–05					42 / 99
				name	S.P.					
				sign	F.M.					

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- YOKOGAWA -

Interface 16RTD–KS–R
Rack ANR01–03 – Slot 2

Part 1/2



1

câblage électrique asm / AIR LIQUIDE INGENIERIE	JOB Number 50–2852 Designation ZAPORO	DOCUMENT NUMBER 841–1031	MODIN M1030 DCS CABINET Y1031 Terminals diagram Rack ANR01–03 – Slot 2 AAR145 – 16RTD–KS–R
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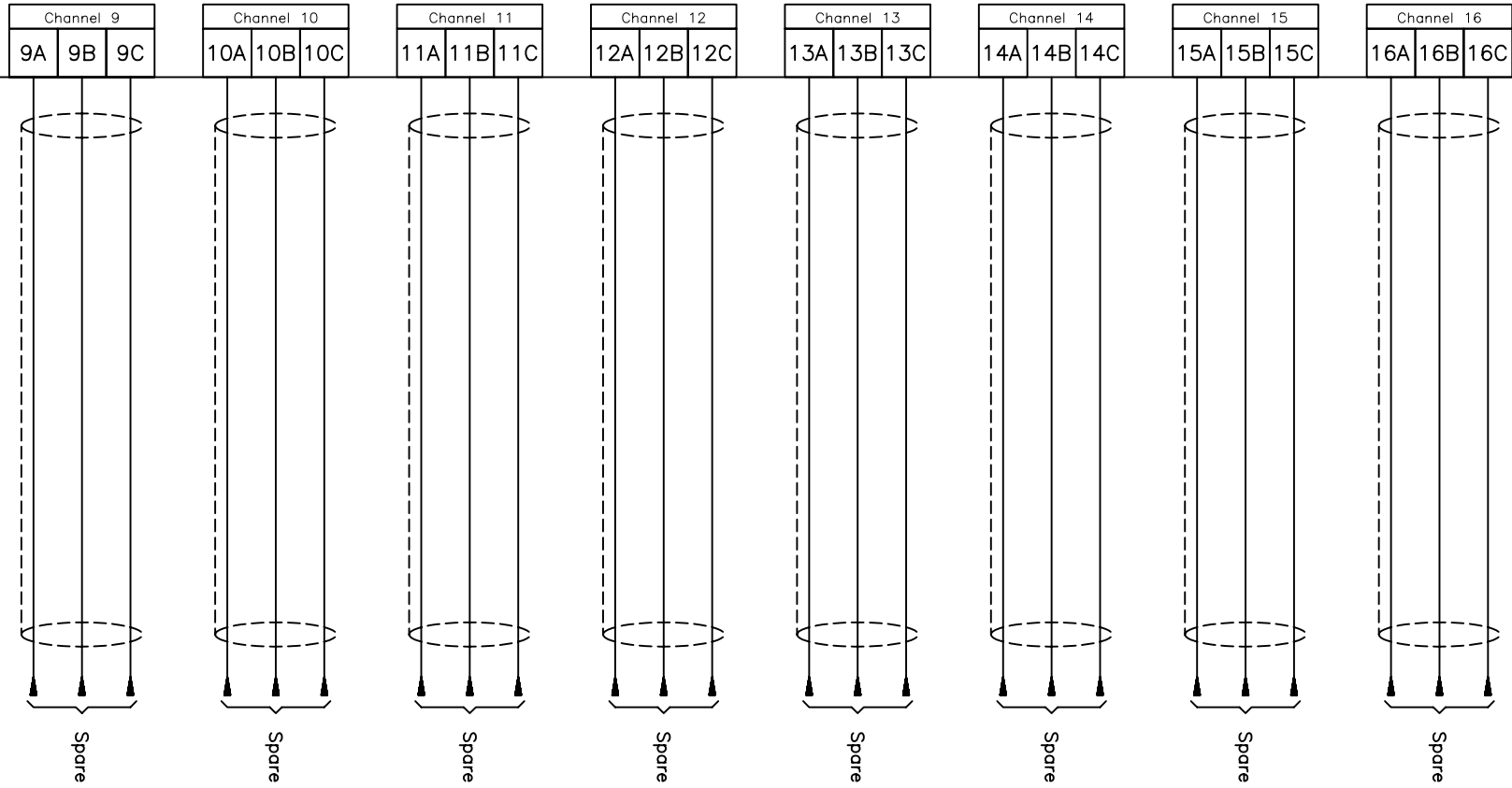
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date	13–05–05	26–07–05				46 / 99
name	S.P.	S.P.				
sign	F.M.	F.M.				

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- YOKOGAWA -

Part 2/2

Interface 16RTD–KS–R
Rack ANR01–03 – Slot 2



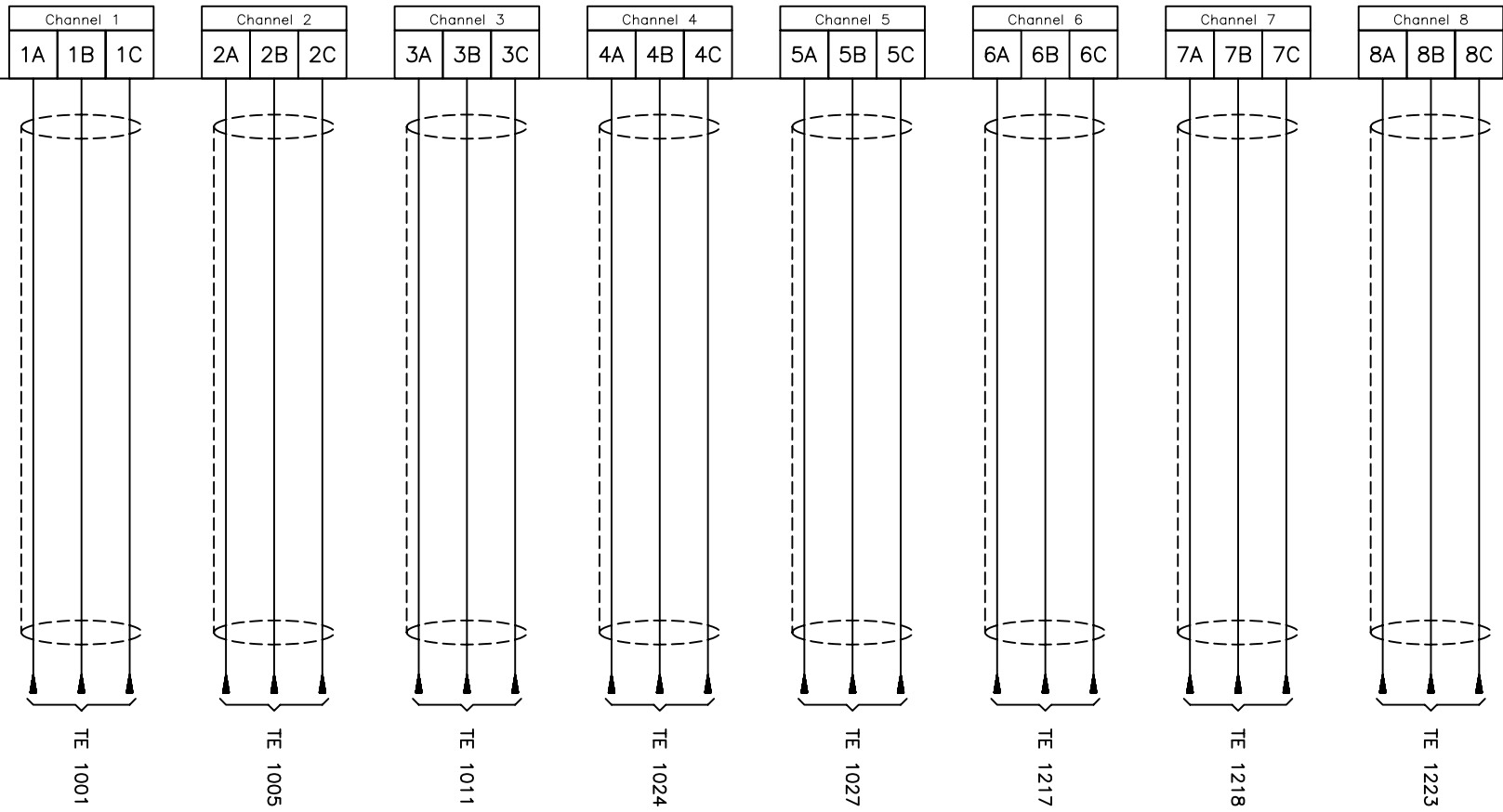
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AIR LIQUIDE INGENIERIE	AIR PRE–COOLING & AIR PURIFICATION		Terminals diagram	name	S.P.					
			Rack ANR01–03 – Slot 2	sign	F.M.					
			AAR145 – 16RTD–KS–R							

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- YOKOGAWA -

Interface 16RTD–KS–R
Rack ANR01–03 – Slot 3

Part 1/2



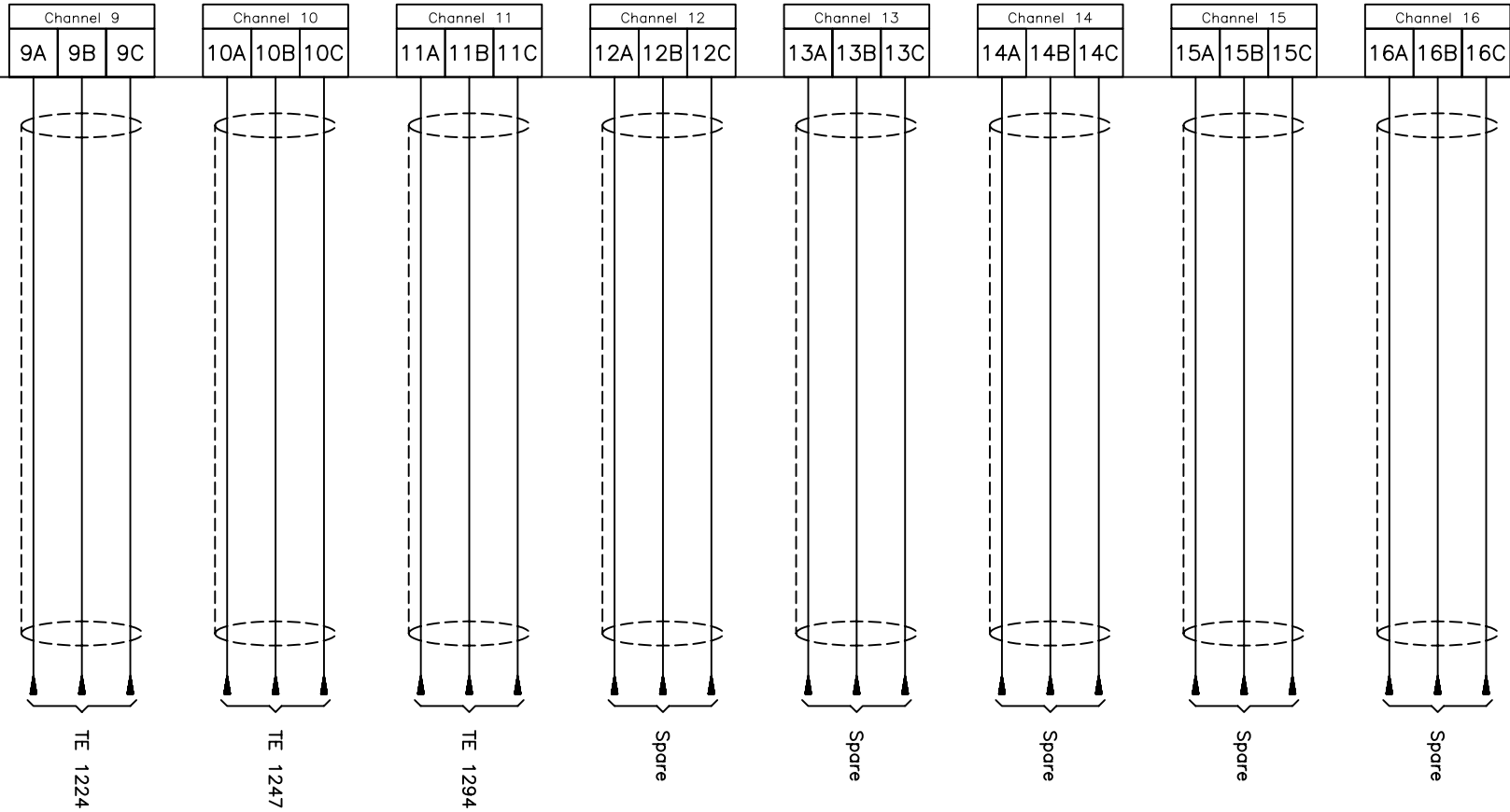
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	AIR PRE–COOLING & AIR PURIFICATION			name	S.P.		
				sign	F.M.		

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- YOKOGAWA -

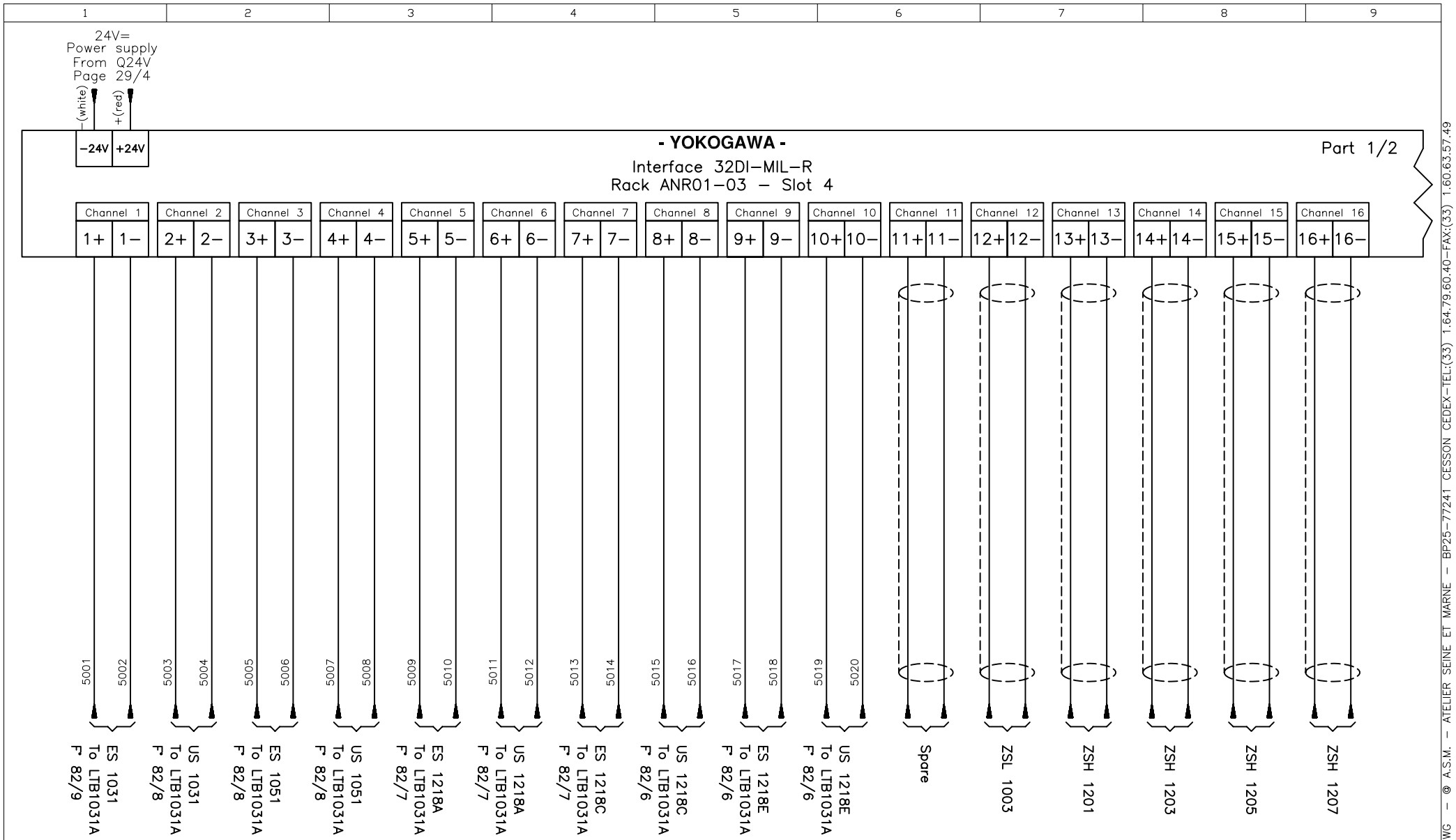
Part 2/2

Interface 16RTD–KS–R
Rack ANR01–03 – Slot 3



câblage électrique asm / AIR LIQUIDE INGENIERIE	JOB Number 50–2852 Designation ZAPORO	DOCUMENT NUMBER 841–1031	MODIN M1030 DCS CABINET Y1031 Terminals diagram Rack ANR01–03 – Slot 3 AAR145 – 16RTD–KS–R	index	0					PAGE 49/99
	AIR PRE–COOLING & AIR PURIFICATION			date	13–05–05					
				name	S.P.					
				sign	F.M.					

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câblage électrique asm

AIR LIQUIDE INGENIERIE

JOB Number	50−2852	DOCUMENT NUMBER	
Designation	ZAPORO	841−1031	
AIR PRE−COOLING & AIR PURIFICATION			

MODIN M1030
DCS CABINET Y1031
Terminals diagram
Rack ANR01−03 − Slot 4
ADV151 − 32DI−MIL−R

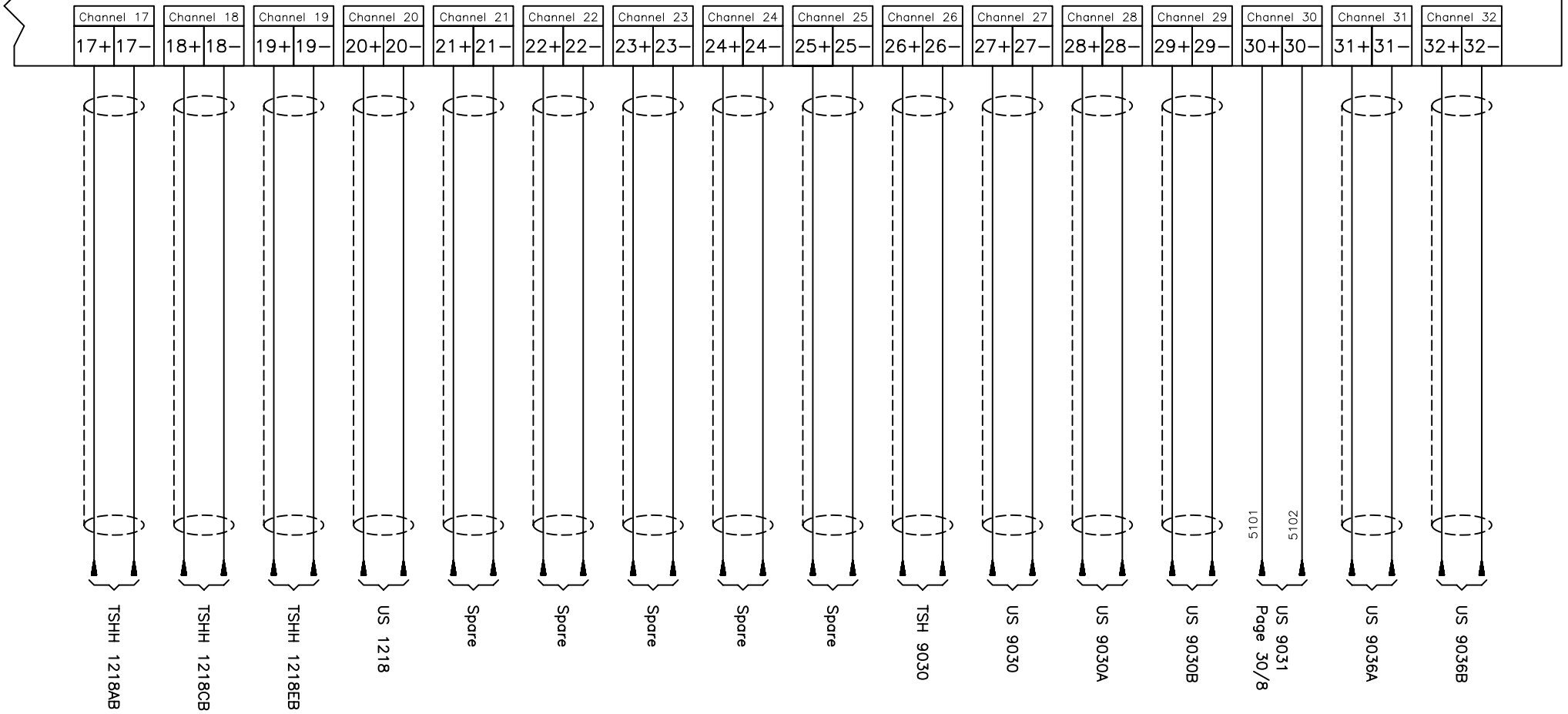
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- YOKOGAWA -

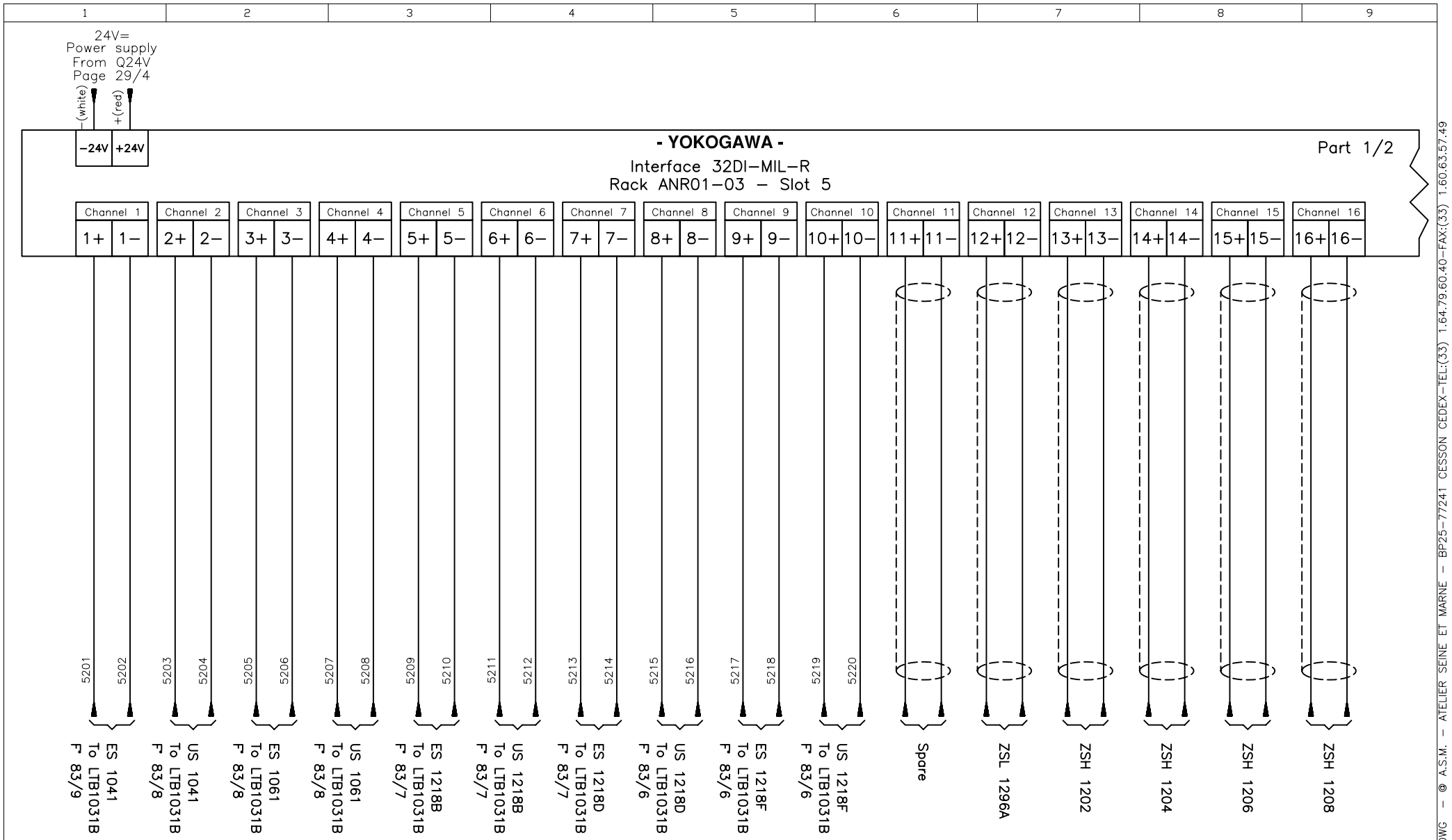
Part 2/2

Interface 32DI–MIL–R
Rack ANR01–03 – Slot 4



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AIR LIQUIDE INGENIERIE	AIR PRE–COOLING & AIR PURIFICATION			date	13–05–05					
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câblage électrique asm

AIR LIQUIDE INGENIERIE

JOB Number	50−2852	DOCUMENT NUMBER	
Designation	ZAPORO	841−1031	
AIR PRE−COOLING & AIR PURIFICATION			

MODIN M1030
DCS CABINET Y1031
Terminals diagram
Rack ANR01−03 − Slot 5
ADV151 − 32DI−MIL−R

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date	13−05−05					52 / 99
name	S.P.					
sign	F.M.					

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1	2	3	4	5	6	7	8	9

- YOKOGAWA -

Part 2/2

Interface 32DI–MIL–R
Rack ANR01–03 – Slot 5

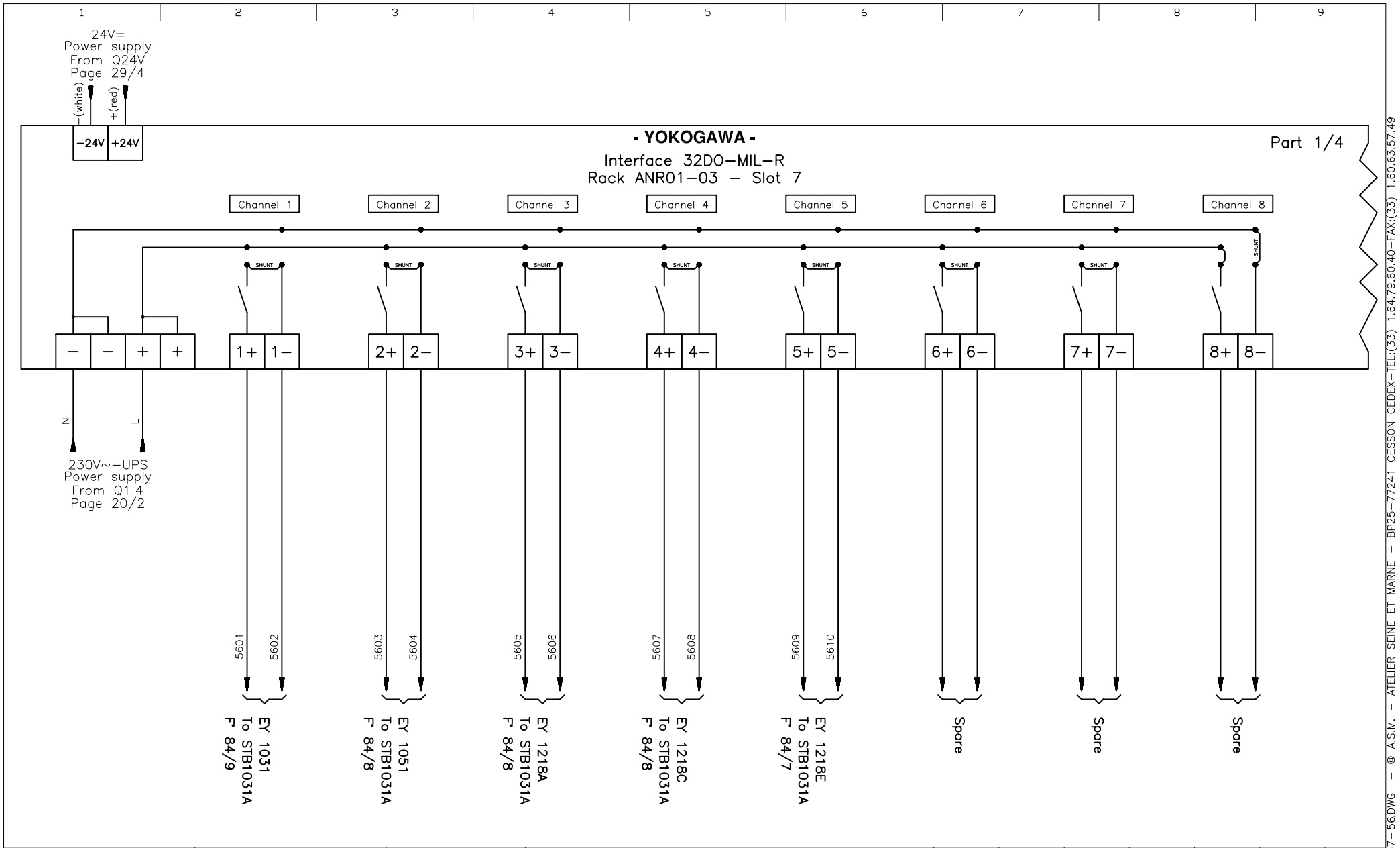
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TSHH 1218BB	TSHH 1218DB	TSHH 1218FB	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare

A1/1312 – P7057–53.DWG – © A.S.M. – ATELIER SEINE ET MARNE – BP25–77241 CESSON CEDEX–TEL.:(33) 1.64.79.60.40–FAX:(33) 1.60.63.57.49

câblage électrique asm

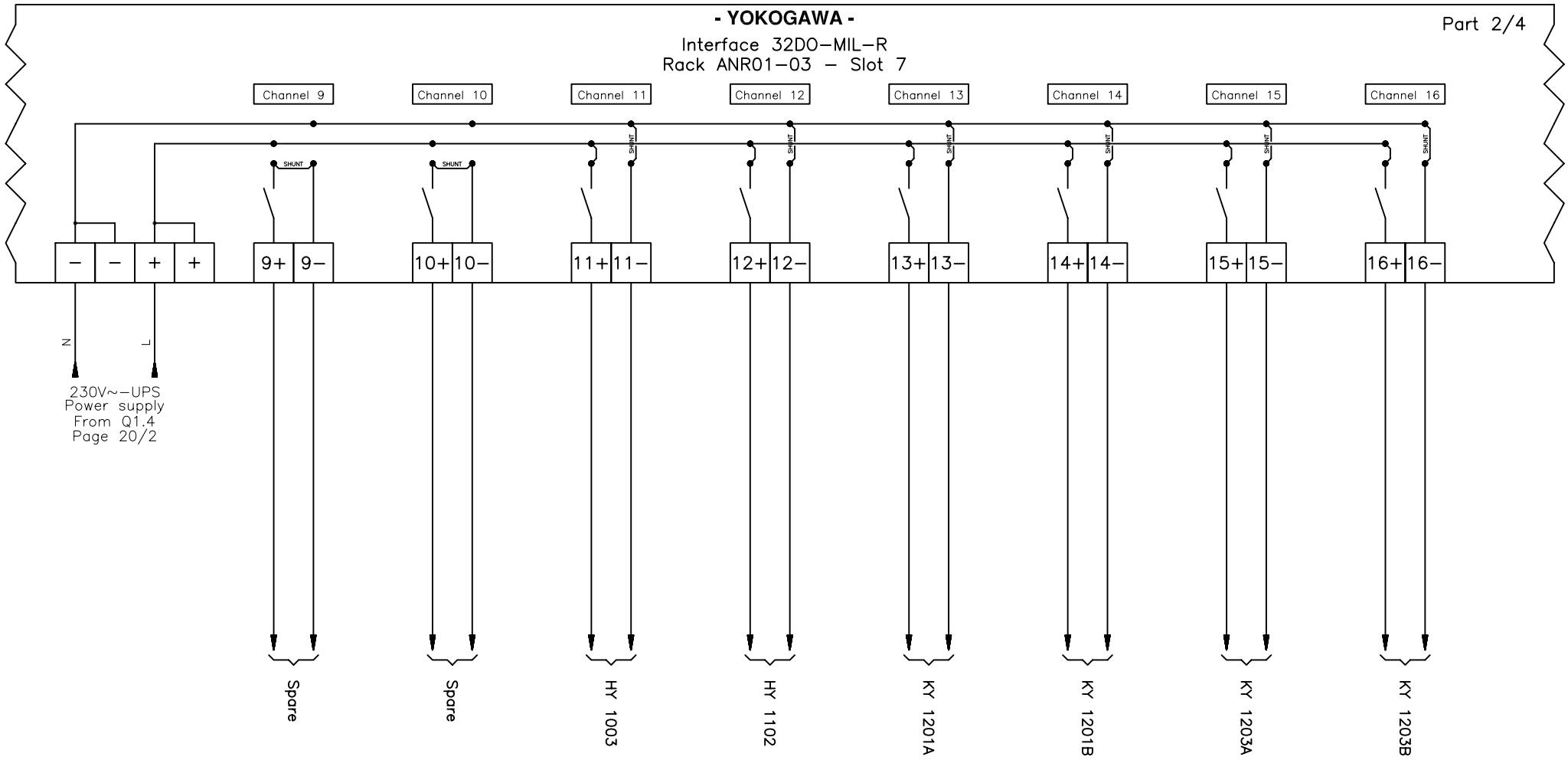
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Designation	ZAPORO	841–1031		date	13–05–05					53 / 99
AIR PRE–COOLING & AIR PURIFICATION				name	S.P.					
				sign	F.M.					



câblage électrique asm / AIR LIQUIDE INGENIERIE	JOB Number 50-2852 Designation ZAPORO	DOCUMENT NUMBER 841-1031	MODIN M1030 DCS CABINET Y1031 Terminals diagram Rack ANR01-03 - Slot 7 ADV551 - 32DO-MIL-R	index	0		PAGE
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				name	S.P.		
				sign	F.M.		

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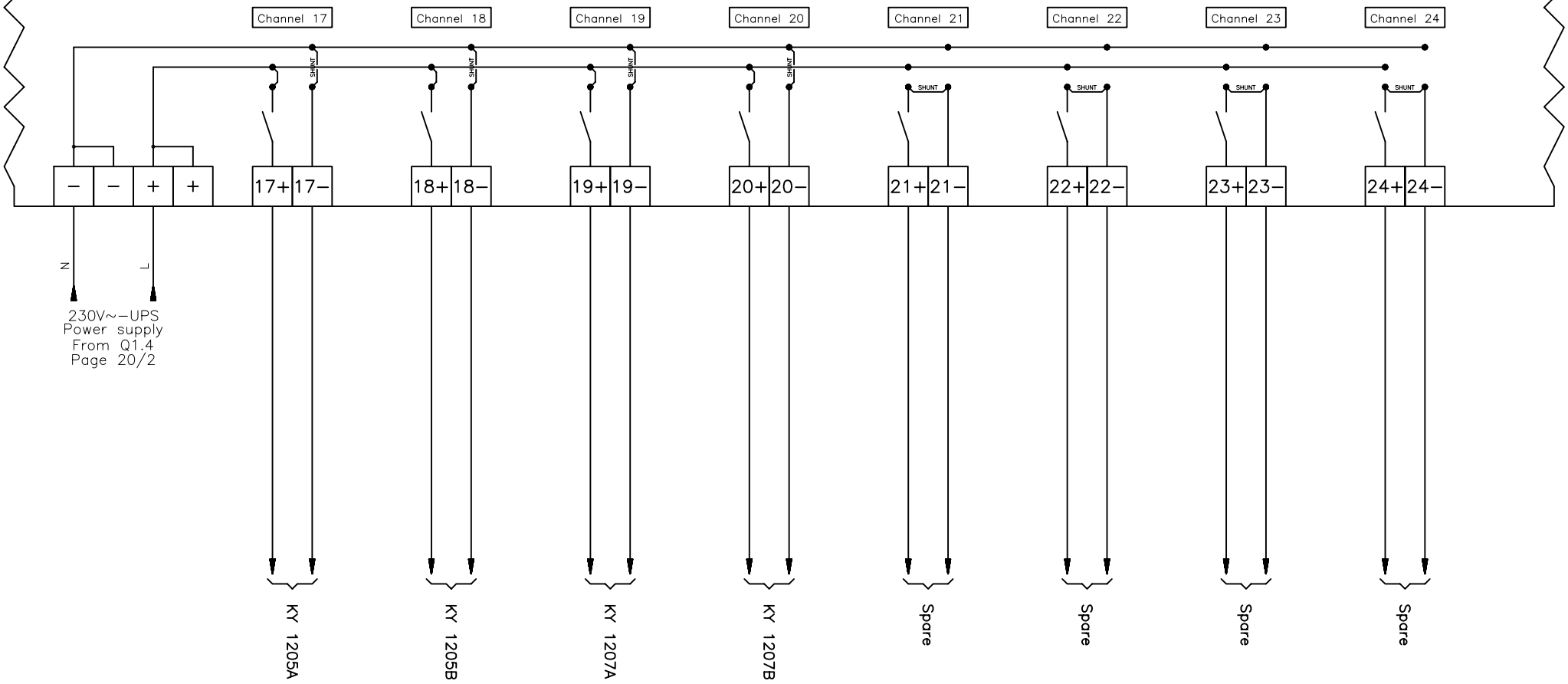
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AIR LIQUIDE INGENIERIE	Designation ZAPORO	841-1031		date	13-05-05		57/99
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				sign	F.M.		

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- YOKOGAWA -

Part 3/4

Interface 32DO–MIL–R
Rack ANR01–02 – Slot 7



1

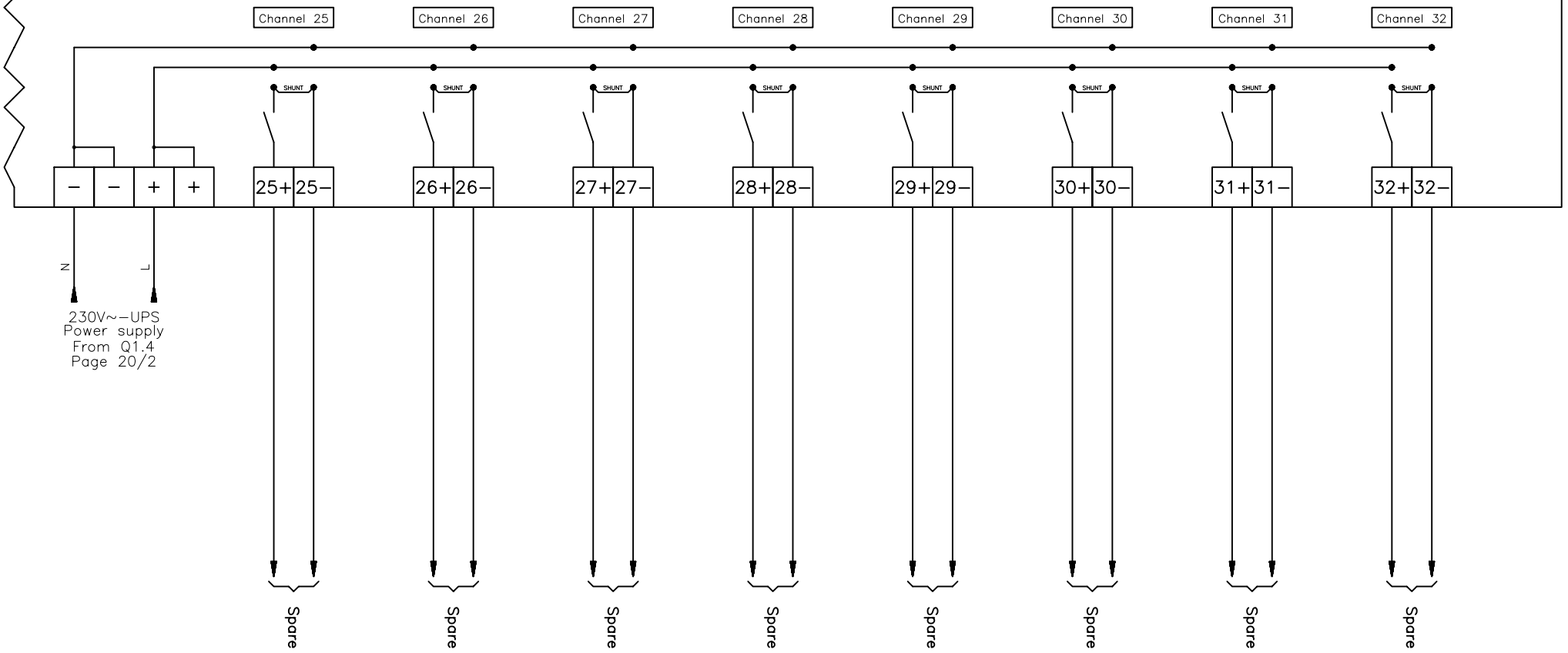
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	AIR PRE–COOLING & AIR PURIFICATION			date	13–05–05	26–07–05				
				name	S.P.	S.P.				
				sign	F.M.	F.M.				

A1/1312 – P7057–58.DWG – © A.S.M. – ATELIER SEINE ET MARNE – BP25–77241 CESSON CEDEX–TEL.:(33) 1.64.79.60.40–FAX:(33) 1.60.63.57.49

- YOKOGAWA -

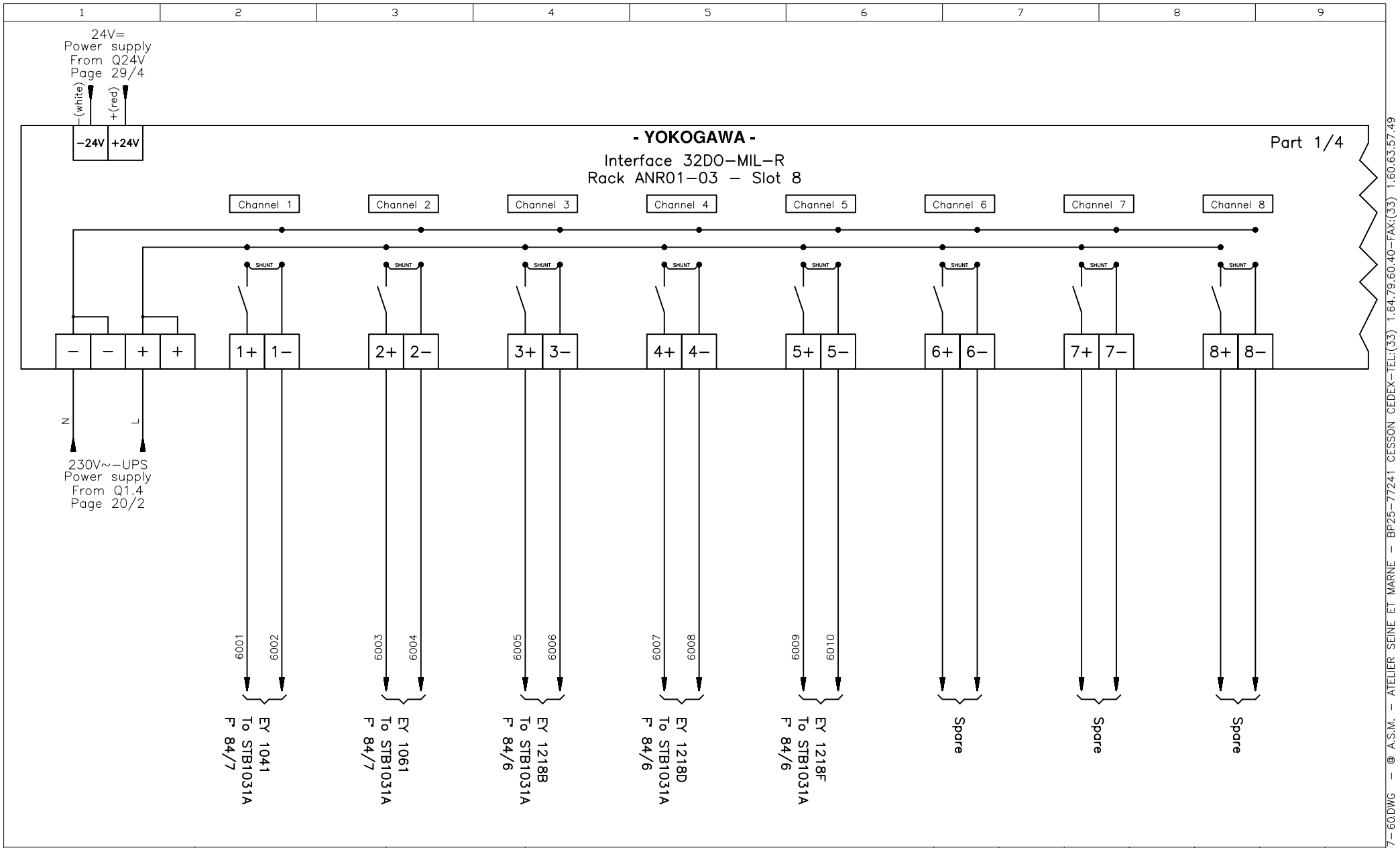
Part 4/4

Interface 32DO–MIL–R
Rack ANR01–03 – Slot 7



câblage électrique asm / AIR LIQUIDE INGENIERIE	JOB Number 50–2852 Designation ZAPORO	DOCUMENT NUMBER 841–1031	MODIN M1030 DCS CABINET Y1031 Terminals diagram Rack ANR01–03 – Slot 7 ADV551 – 32DO–MIL–R	index	0		PAGE
	AIR PRE–COOLING & AIR PURIFICATION			date	13–05–05		59 / 99
				name	S.P.		
				sign	F.M.		

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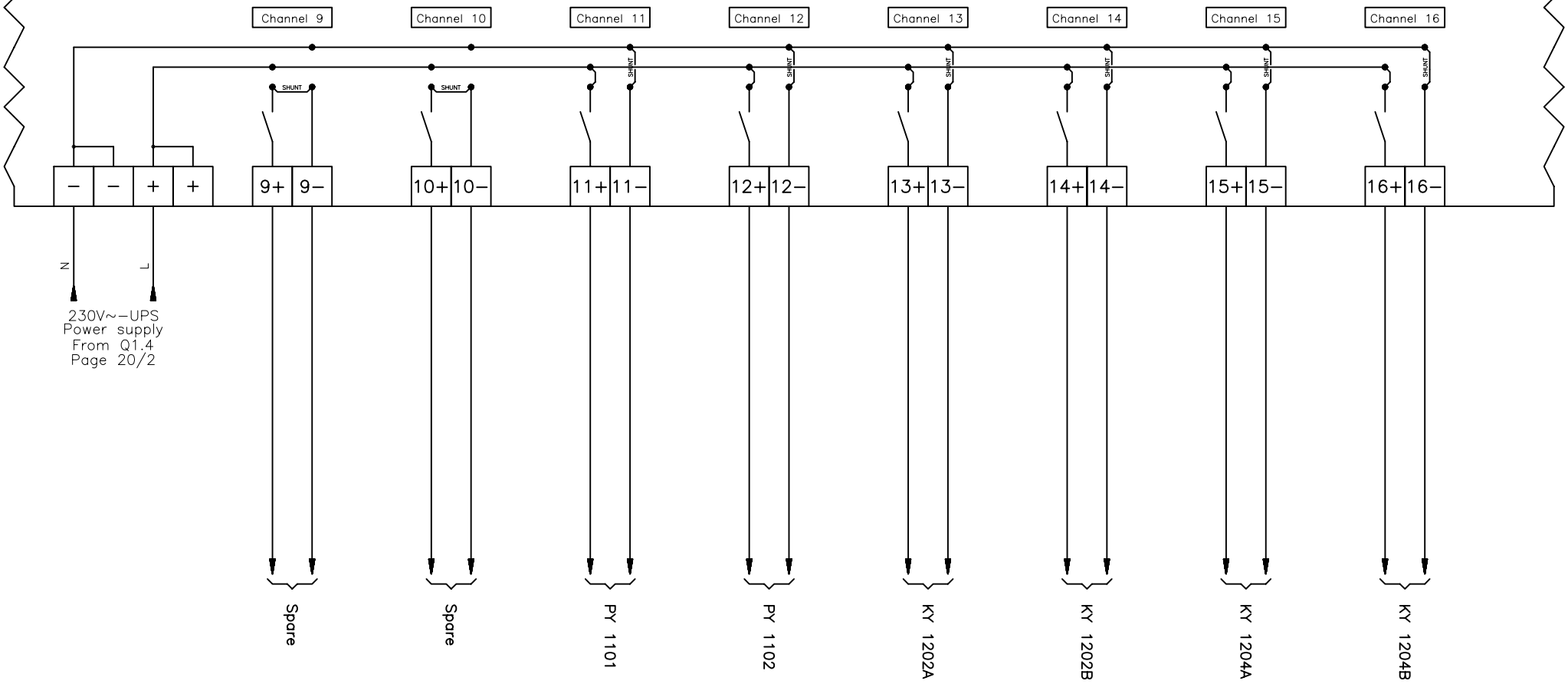
câblage électrique asm / AIR LIQUIDE INGENIERIE	JOB Number 50-2852 Designation ZAPORO	DOCUMENT NUMBER 841-1031	MODIN M1030 DCS CABINET Y1031 Terminals diagram Rack ANR01-03 - Slot 8 ADV551 - 32DO-MIL-R	index	0		PAGE
	AIR PRE-COOLING & AIR PURIFICATION			date	13-05-05		60/99
				name	S.P.		
				sign	F.M.		

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- YOKOGAWA -

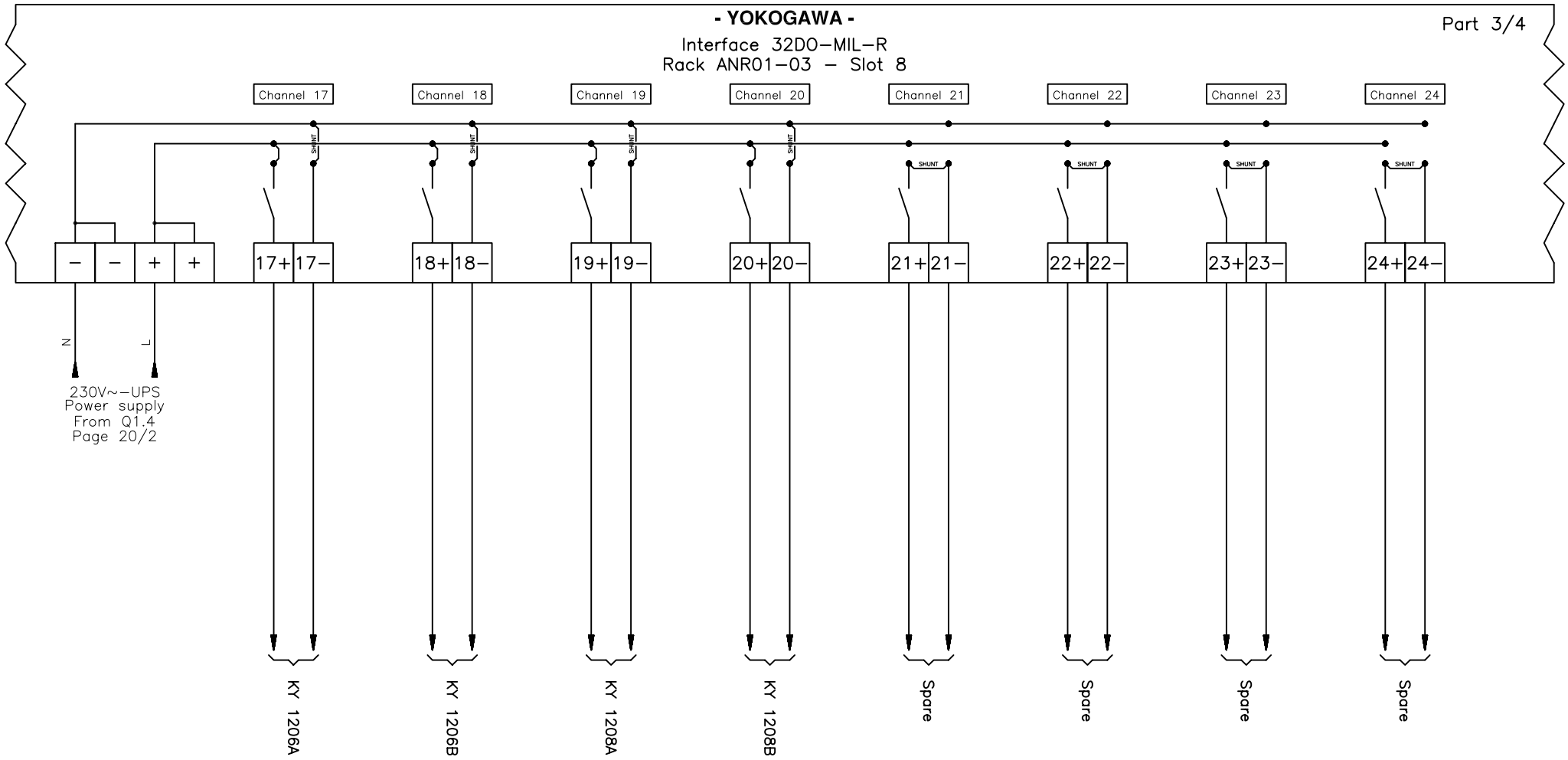
Part 2/4

Interface 32DO–MIL–R
Rack ANR01–03 – Slot 8



câblage électrique asm / AIR LIQUIDE INGENIERIE	JOB Number 50–2852 Designation ZAPORO	DOCUMENT NUMBER 841–1031	MODIN M1030 DCS CABINET Y1031 Terminals diagram Rack ANR01–03 – Slot 8 ADV551 – 32DO–MIL–R	index	0		PAGE
	AIR PRE–COOLING & AIR PURIFICATION			date	13–05–05		61/99
				name	S.P.		
				sign	F.M.		

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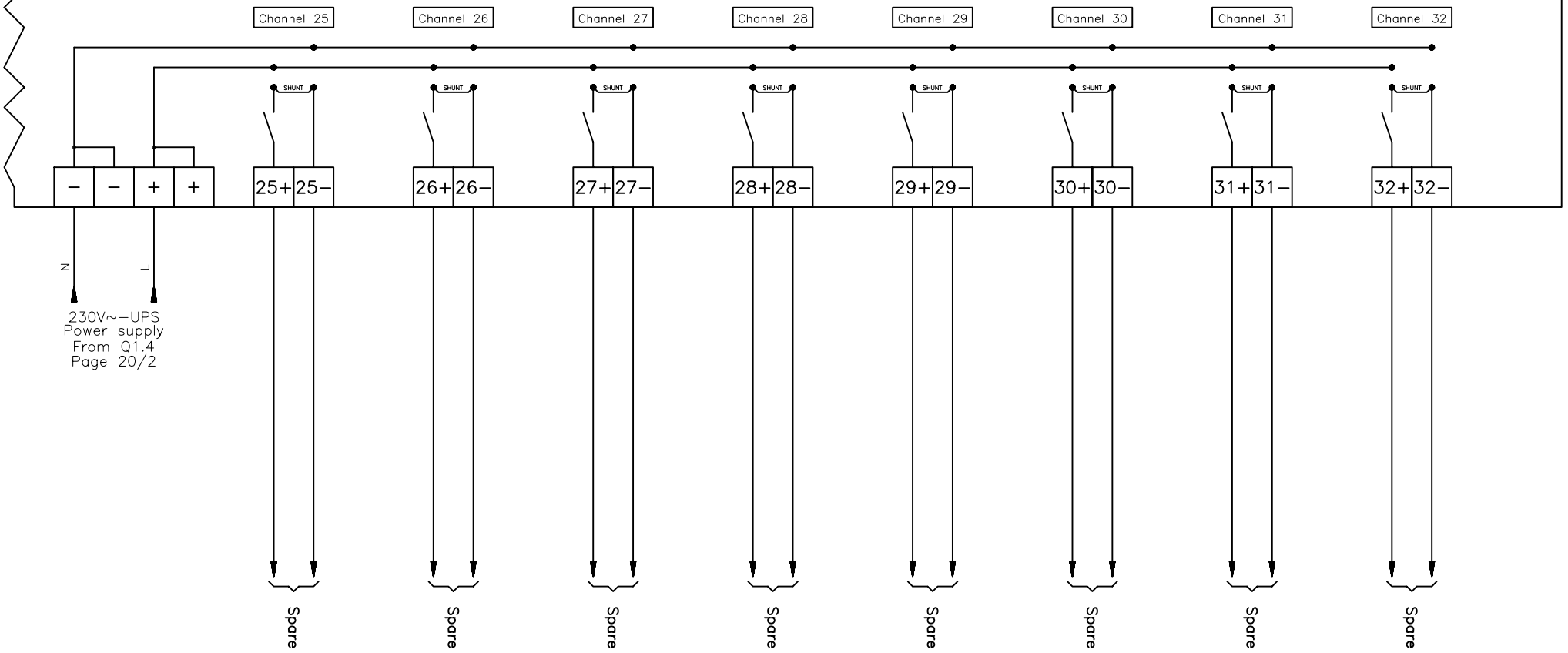
câblage électrique asm	JOB Number 50-2852	DOCUMENT NUMBER	MODIN M1030 DCS CABINET Y1031 Terminals diagram Rack ANR01-03 - Slot 8 ADV551 - 32DO-MIL-R	index	0		PAGE
AIR LIQUIDE INGENIERIE	Designation ZAPORO	841-1031		date	13-05-05		62 / 99
	AIR PRE-COOLING & AIR PURIFICATION			name	S.P.		
				sign	F.M.		

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- YOKOGAWA -

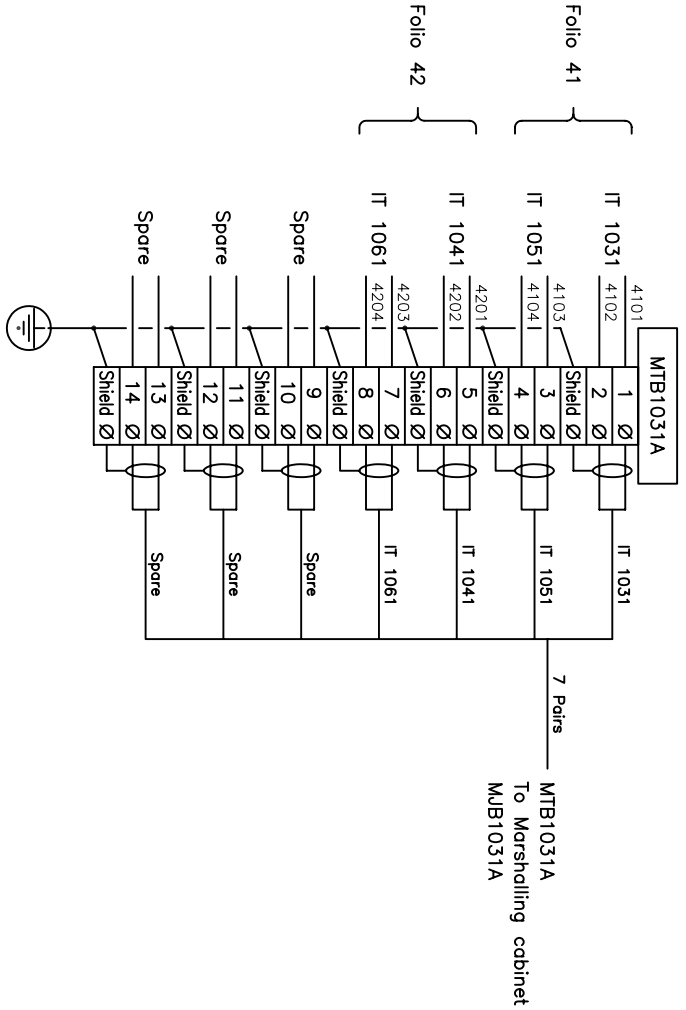
Part 4/4

Interface 32DO–MIL–R
Rack ANR01–03 – Slot 8



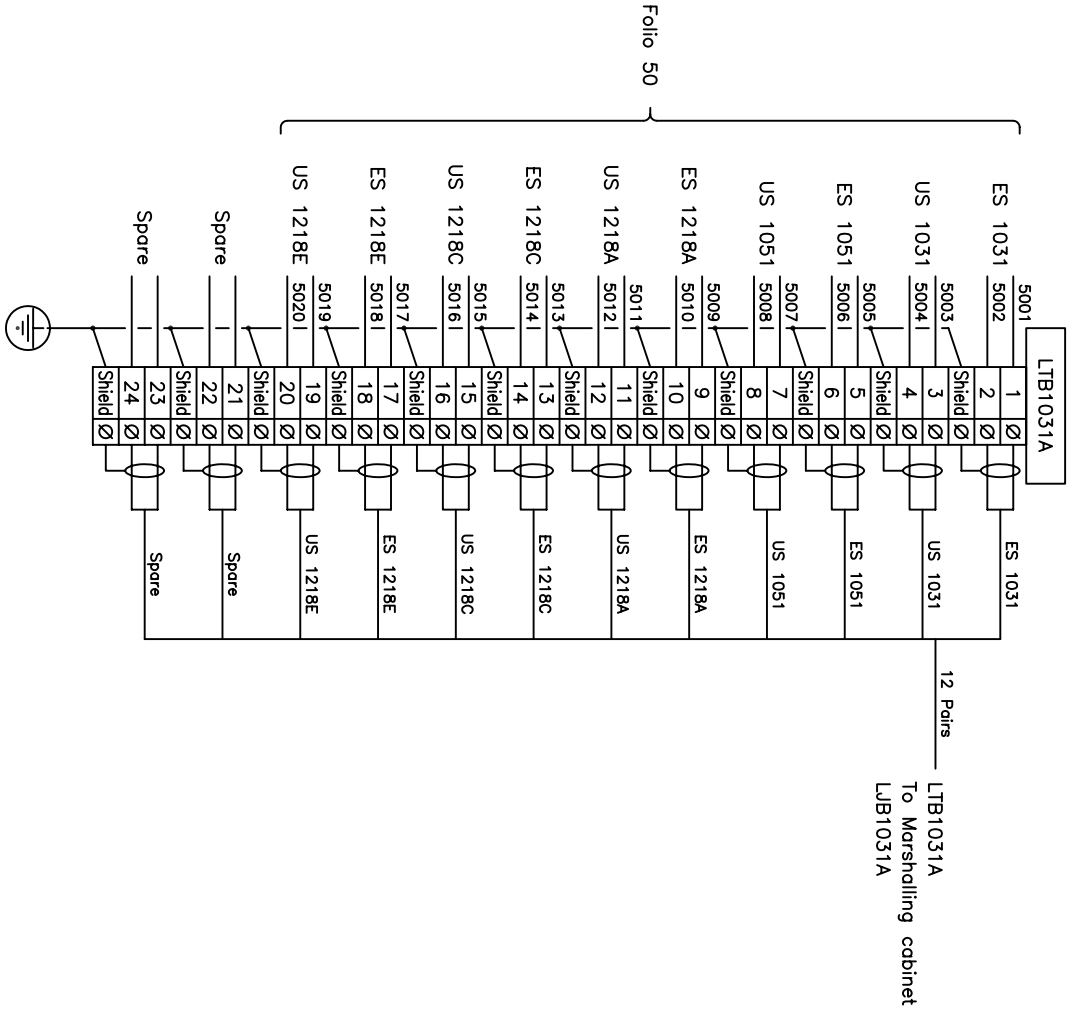
câblage électrique asm / AIR LIQUIDE INGENIERIE	JOB Number 50–2852 Designation ZAPORO	DOCUMENT NUMBER 841–1031	MODIN M1030 DCS CABINET Y1031 Terminals diagram Rack ANR01–03 – Slot 8 ADV551 – 32DO–MIL–R	index	0		PAGE
	AIR PRE–COOLING & AIR PURIFICATION			date	13–05–05		63 / 99
				name	S.P.		
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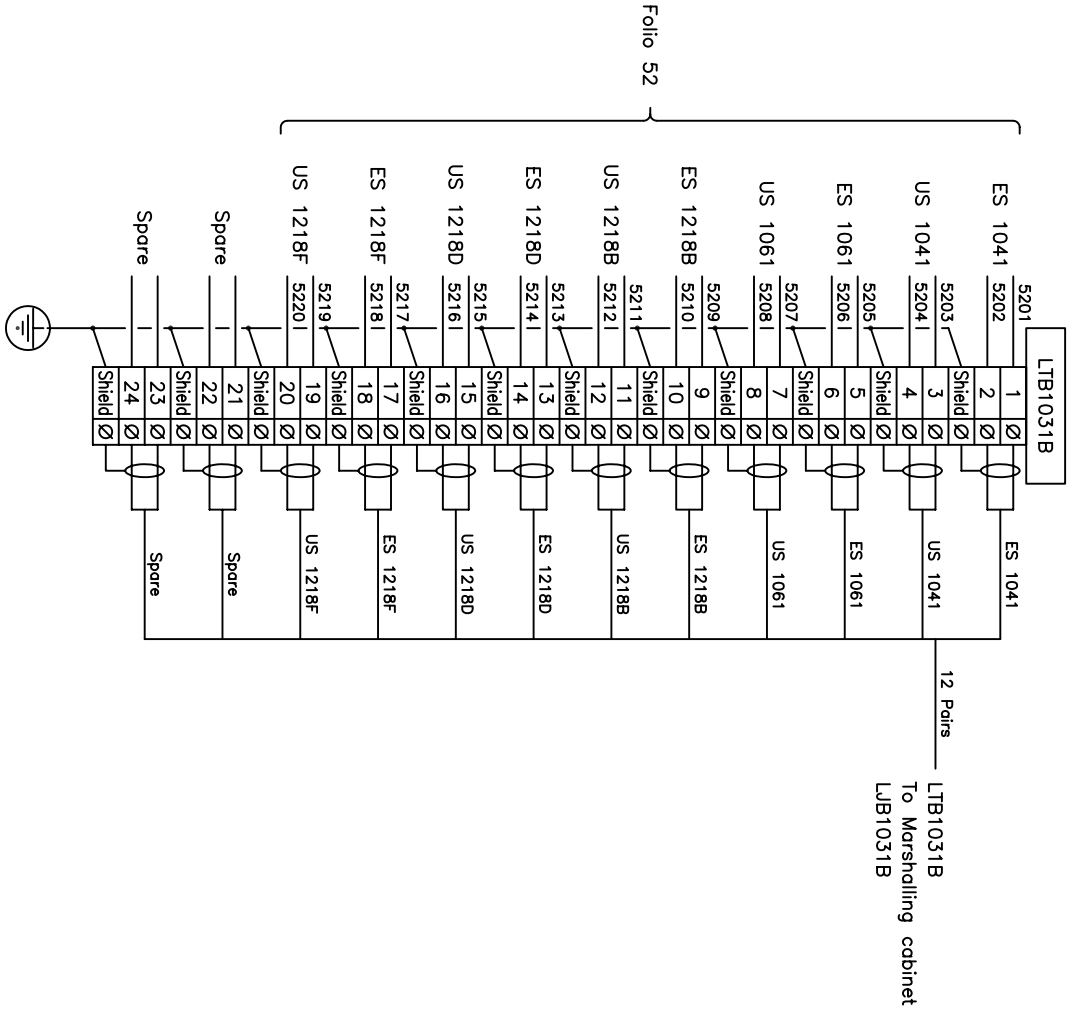
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AIR LIQUIDE INGENIERIE	Designation ZAPORO	841–1031	DCS CABINET Y1031	date	13–05–05	81 / 99
	AIR PRE–COOLING & AIR PURIFICATION		Terminals blocks MTB 1031A	name	S.P.	
				sign	F.M.	

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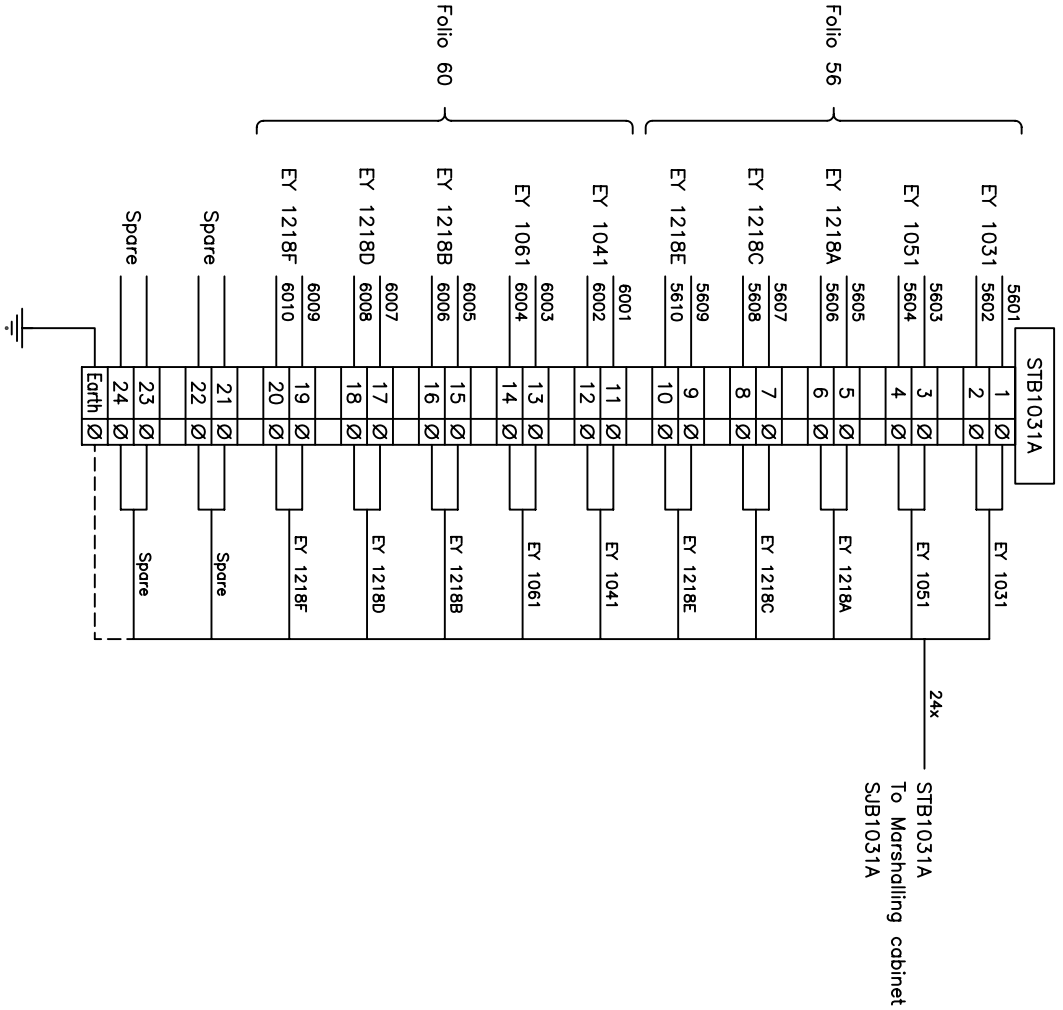
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	AIR PRE-COOLING & AIR PURIFICATION			date	13-05-05					
				name	S.P.					
				sign	F.M.					

A1/1312 - P7057-82.DWG - © A.S.M. - ATELIER SEINE ET MARNE - BP25-77241 CESSON CEDEX-TEL.:(33) 1.64.79.60.40-FAX:(33) 1.60.63.57.49



câblage électrique asm / AIR LIQUIDE INGENIERIE	JOB Number 50-2852 Designation ZAPORO	DOCUMENT NUMBER 841-1031	MODIN M1030 DCS CABINET Y1031 Terminals blocks LTB 1031B	index	0					PAGE 83/99
	AIR PRE-COOLING & AIR PURIFICATION			date	13-05-05					
				name	S.P.					
				sign	F.M.					

A1/1312 - P7057-83.DWG - © A.S.M. - ATELIER SEINE ET MARNE - BP25-77241 CESSON CEDEX-TEL.:(33) 1.64.79.60.40-FAX:(33) 1.60.63.57.49



câblage électrique asm	JOB Number 50–2852	DOCUMENT NUMBER	MODIN M1030	index	0		PAGE
AIR LIQUIDE INGENIERIE	Designation ZAPORO	841–1031	DCS CABINET Y1031	date	13–05–05		84 / 99
	AIR PRE–COOLING & AIR PURIFICATION		Terminals blocks STB 1031A	name	S.P.		
				sign	F.M.		

A1/1312 – P7057–84.DWG – © A.S.M. – ATELIER SEINE ET MARNE – BP25–77241 CESSON CEDEX–TEL:(33) 1.64.79.60.40–FAX:(33) 1.60.63.57.49

TAG	DESIGNATION	REFERENCE	FIRM	QTY	REMARKS
PANEL	Base frame, top frame and roof – Spacial 6000 enclosure kit – 2000x800x800	67088	SAREL	1	
	Set of 4 uprights	60020	SAREL	1	
	Set of 2 side panels	61048	SAREL	1	
	Plain doors	67228	SAREL	1	
	Screwed panel	67378	SAREL	0	
	Lock 1242E	63703	SAREL	1	
	Plinth 100mm	69088	SAREL	1	
	Kit of juxtaposition	64620	SAREL	1	

câblage électrique asm

AIR LIQUIDE INGENIERIE

JOB Number 50–2852
Designation ZAPORO

DOCUMENT NUMBER 841–1031

AIR PRE–COOLING & AIR PURIFICATION

MODIN M1030
DCS CABINET Y1031
Equipment list

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sign	F.M.					

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TAG	DESIGNATION	REFERENCE	FIRM	QTY	REMARKS
Q1	Isolator type I 2x32A with red light	15101	MERLIN GERIN	1	
	Auxiliary contact NO/NC for Isolator I	15096	MERLIN GERIN	1	
Q1.1	Circuit breaker type C60N 2x10A – curve D	24586	MERLIN GERIN	1	
	Fault auxiliary contact for C60N	26927	MERLIN GERIN	1	
Q1.4	Circuit breaker type C60N 2x10A – curve C	24201	MERLIN GERIN	1	
	Fault auxiliary contact for C60N	26927	MERLIN GERIN	1	
Q1.2–Q1.3	Circuit breaker type C60N 2x4A – curve D	24583	MERLIN GERIN	2	
	Fault auxiliary contact for C60N	26927	MERLIN GERIN	2	
Q24V	Circuit breaker type C60N 1x10A – curve C	24175	MERLIN GERIN	1	
	Fault auxiliary contact for C60N	26927	MERLIN GERIN	1	
KPS01/02	Relay type RS30–NV – 1RT – 24V=	944401	WEIDMULLER	2	
PS01–PS02	Power supply 230V~/24V= – 240W	ABL–7RE2410	TELEMECANIQUE	2	
Diode	Power diode type SKN26/04 – 20A	113 0376	RS COMPOSANTS	2	
PTB*/LTB*/STB*	Terminals 4mm2	39061	LEGRAND	–	

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TAG	DESIGNATION	REFERENCE	FIRM	QTY	REMARKS
X1	Fuse terminal type SAK	39086	LEGRAND	16	
	Glass fuse 6.3A – 5x20 – For fuse terminal	102 63	LEGRAND	16	
Rack ANR01–02	Centum CS3000 – Model ANR10*	*	YOKOGAWA	1	Supply by customer
	Card AAI835 4 channel input/4channel output, isolated channels	AAI835	YOKOGAWA	5	Supply by customer
	Cable MIL 40 Pts	51023537	WAGO	5	Supply by customer
	Interface module 4AI/4AO	4AI/4AO–MIL–R–SW	YOKOGAWA	5	Supply by customer
	Card AAI135 8 channel input, isolated channels	AAI135	YOKOGAWA	3	Supply by customer
	Cable MIL 40 Pts	51023537	WAGO	3	Supply by customer
	Interface module 8AI	8AI–MIL–R–SW	YOKOGAWA	3	Supply by customer
Rack ANR01–03	Centum CS3000 – Model ANR10*	*	YOKOGAWA	1	Supply by customer
	Card AAR145 16 channel RTD, isolated channels	AAR145	YOKOGAWA	2	Supply by customer
	Cable MIL 50 Pts	51023538	WAGO	2	Supply by customer
	Interface module 16RTD	16RTD–KS–R	YOKOGAWA	2	Supply by customer
	Card ADV151 32 digital input	ADV151	YOKOGAWA	2	Supply by customer
	Cable MIL 50 Pts	51023538	WAGO	2	Supply by customer
	Interface module 32DI	32DI–MIL–R	YOKOGAWA	2	Supply by customer
	Card ADV551 32 digital output	ADV551	YOKOGAWA	2	Supply by customer
	Cable MIL 50 Pts	51023538	WAGO	2	Supply by customer
	Interface module 32DO	32DO–MIL–R	YOKOGAWA	2	Supply by customer

câblage électrique asm

AIR LIQUIDE INGENIERIE

JOB Number 50–2852
Designation ZAPORO

DOCUMENT NUMBER 841–1031

AIR PRE–COOLING & AIR PURIFICATION

MODIN M1030
DCS CABINET Y1031
Equipment list

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sign	F.M.					

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