

B.PROTHERM E

Wiring diagram

B.PROTHERM E - heated/heated

- BPT E 2 x 18 duo H/H
- BPT E 2 x 12 combi H/H
- BPT E 2 x 16 combi H/H banquet

1	20.03.2023	V. Frühling	Changing the wiring sequence at -F41; -F81
0	27.01.2022	V. Frühling / F&E	Created
REV.	DATE	NAME	CHANGES
CATERIN SOLUTIONS			<div>B.PRO GmbH Flehinger Str. 59 75038 Oberderdingen</div> <div>Material number : 00170225 DIS : 1000373893</div>
			<div>REVISION 1</div> <div>Approved: jjjj-mm-tt T.Dieter</div>
			SCHEME 01

1-Wiring diagram

Drawing	Description	Function	Location	Revision	Date	Created by	Folder	Folder description
01	Cover	=F1	+L1	1	20.03.2023	V. Frühling		
02	Drawings list	=F1	+L1	1	20.03.2023	V. Frühling		
03	Electrical scheme - 230VAC_PowerSupply-A-	=F1	+L1	1	20.03.2023	V. Frühling		
04	Electrical scheme - PowerPCB_230VAC_OUT_Actuators-A-	=F1	+L1	1	20.03.2023	V. Frühling		
05	Electrical scheme - PowerPCB_Low voltage IN/OUT-A-	=F1	+L1	1	20.03.2023	V. Frühling		
06	Electrical scheme - Controll-Display PCB-A-	=F1	+L1	1	20.03.2023	V. Frühling		
07	Electrical scheme - 230VAC_PowerSupply-B-	=F1	+L1	1	20.03.2023	V. Frühling		
08	Electrical scheme - PowerPCB_230VAC_OUT_Actuators-B-	=F1	+L1	1	20.03.2023	V. Frühling		
09	Electrical scheme - PowerPCB_Low voltage IN/OUT-B-	=F1	+L1	1	20.03.2023	V. Frühling		
10	Electrical scheme - Controll-Display PCB-B-	=F1	+L1	1	20.03.2023	V. Frühling		
11	Electrical scheme - Additional socket	=F1	+L1	1	20.03.2023	V. Frühling		

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Wiring diagram

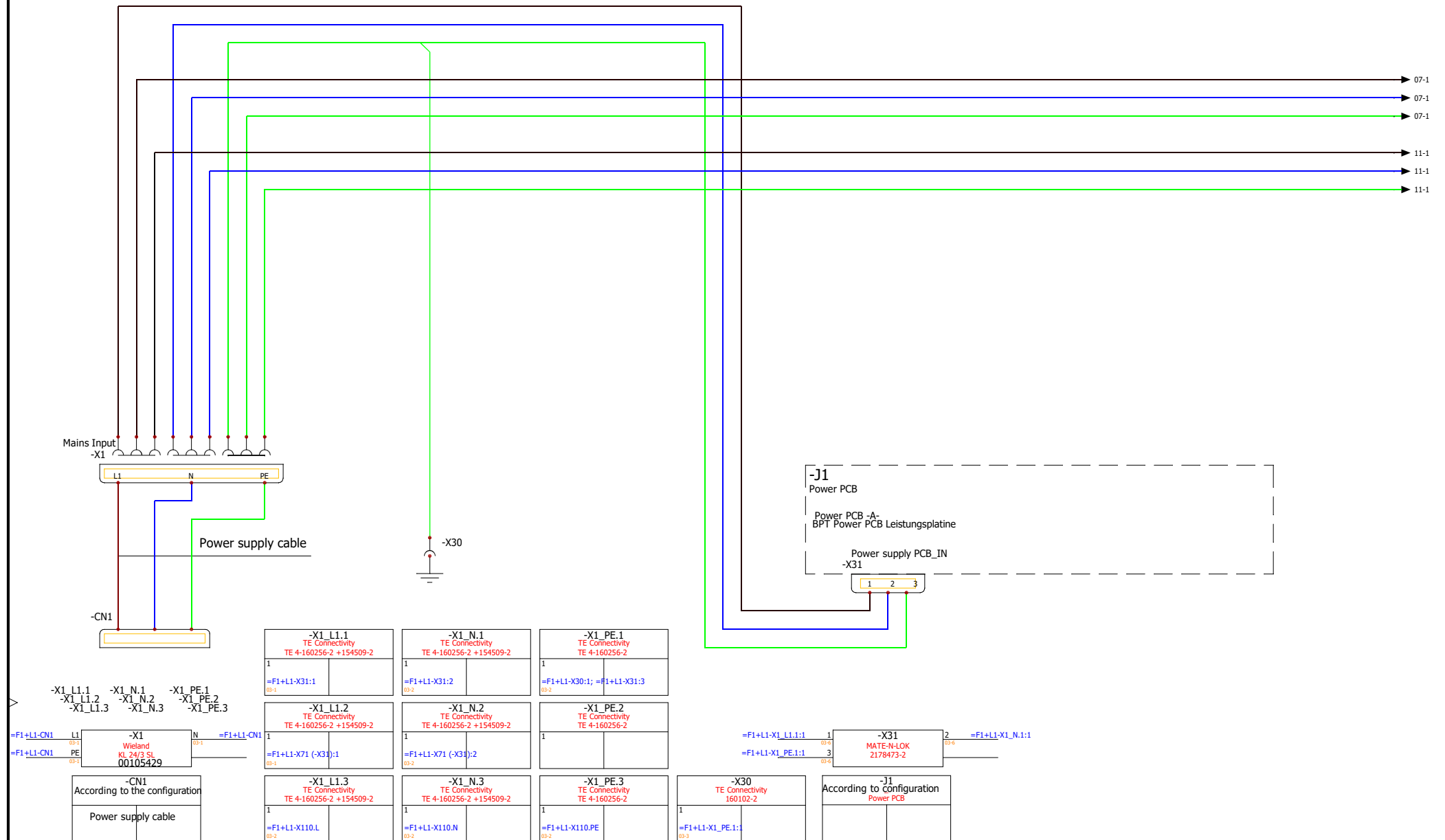
CONTRACT: ATLAS

LOCATION:

+L1

Main electrical closet

				REVISION
1	20.03.2023	V. Frühling	Changing the wiring sequence at -F41; -F81	1
0	27.01.2022	V. Frühling / F&E		
REV.	DATE	NAME	CHANGES	SCHEME
			Approved: jjjj-mm-tt T.D Dieter	02



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Wiring diagram

CONTRACT: ATLAS

LOCATION:	+L1
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Main electrical closet

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Approved: jjjj-mm-tt
T.Dieter

REVISION

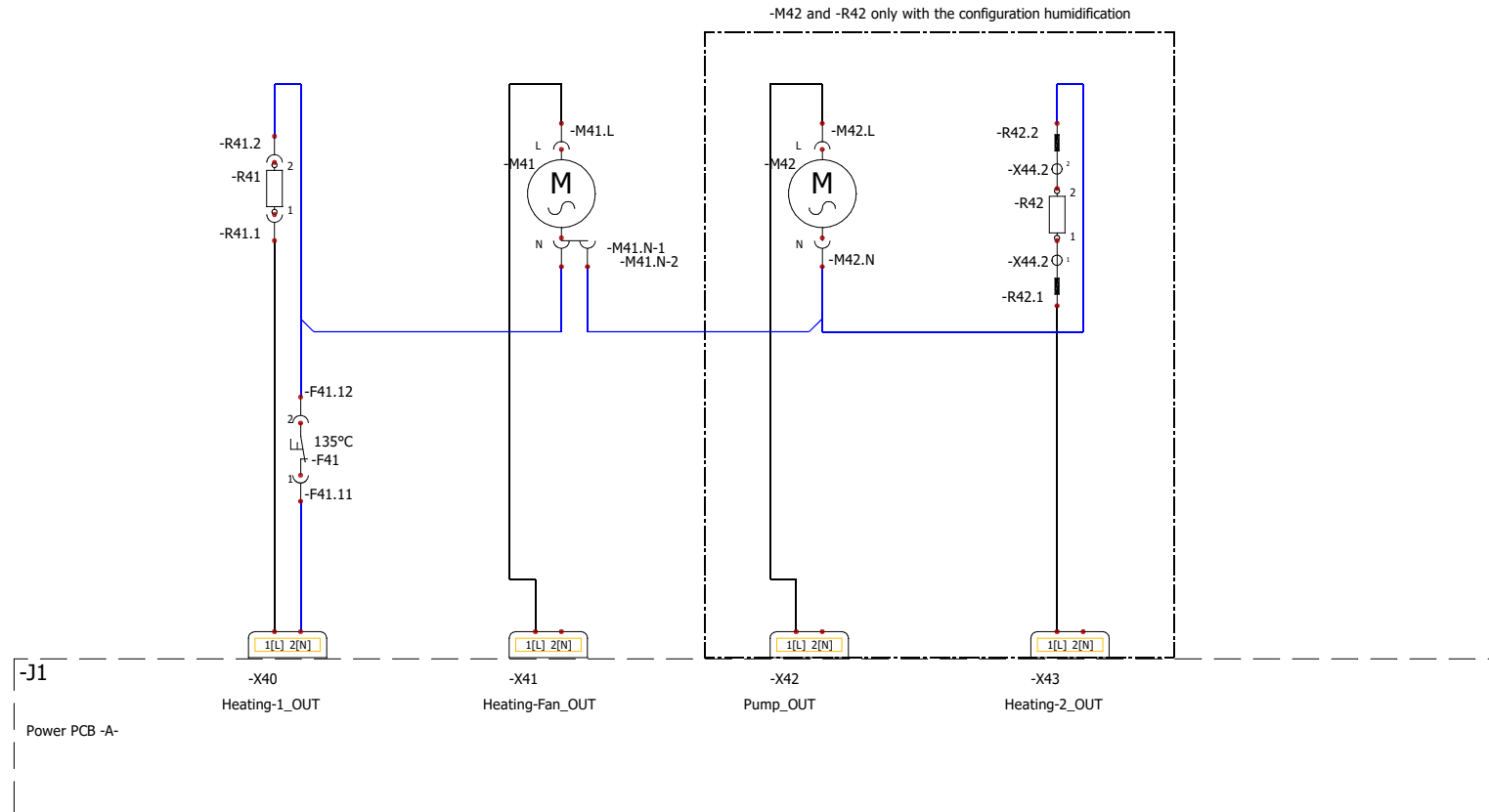
1	20.03.2023	V. Fröhling	Changing the wiring sequence at -F41; -F81	1
2	27.01.2023	V. Fröhling / F81		

0	27.01.2022	V. Frühling / F&E		1
REV.	DATE	NAME	CHANGES	SCHEME

REV.	DATE	NAME	CHANGES	SCHEME
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03

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-F41 Limiter KB 344-135-07-D		-F41.12 TE Connectivity TE 4-160256-2 +154509-2		-M41.L TE Connectivity TE 4-160256-2 +154509-2		-M42.N STOCKO RSB 7603.108 F 4,8-1+EH 650.100-G		-M42.L STOCKO RSB 7603.108 F 4,8-1+EH 650.100-G		-X44.2-X44.2 RS Components 3861 Ceramics-Terminal Block pole 2-pole	
1	2	1	2	1	2	1	2	1	2	1	2
-J1 According to configuration Power PCB		-R41.2 TE Connectivity TE 4-160256-2 +154509-2		-F41.11 TE Connectivity TE 4-160256-2 +154509-2		-M41 ebmpapst R2K150/0 020-4218		-M41.N-1 TE Connectivity TE 4-160256-2 +154509-2		-M42 According to configuration Pump	
1	2	1	2	1	2	L	N	1	2	L	N
-R41 E.G.O. RHK-rund		-R41.1 TE Connectivity TE 4-160256-2 +154509-2		-X40 MATE-N-LOK 1-1703061-2		-X41 MATE-N-LOK 1-1703061-2		-M41.N-2 TE Connectivity TE 4-160256-2 +154509-2		-X42 MATE-N-LOK 1-1703061-2	
1	2	1	2	1[L]	2[N]	1[L]	2[N]	1	2	1[L]	2[N]

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Wiring diagram

CONTRACT: ATLAS

LOCATION: +L1

Main electrical closet

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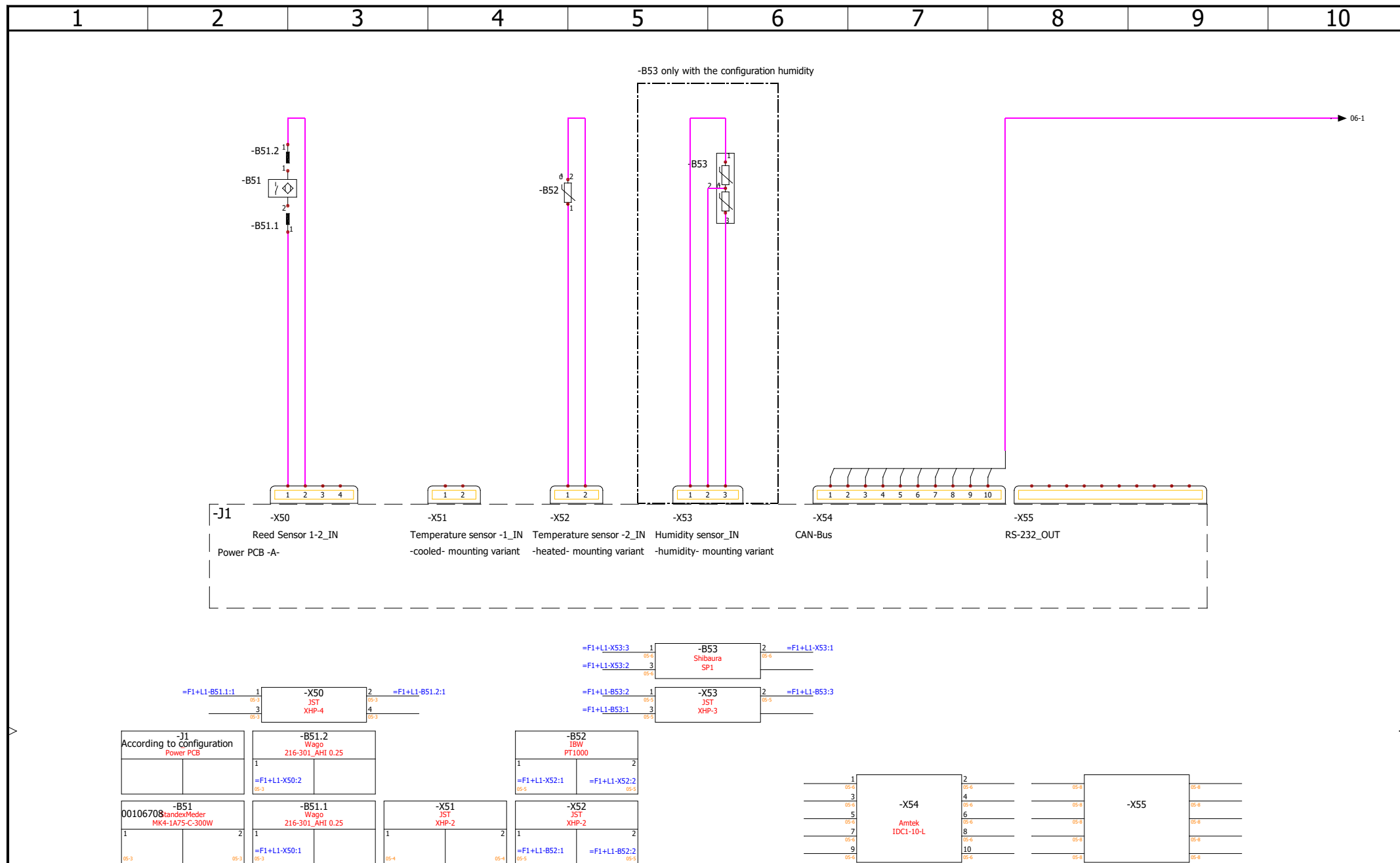
Approved: jjjj-mm-tt
T.Dieter

REVISION

1	20.03.2023	V. Frühling	Changing the wiring sequence at -F41; -F81
0	27.01.2022	V. Frühling / F&E	

SCHEME

04



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Wiring diagram

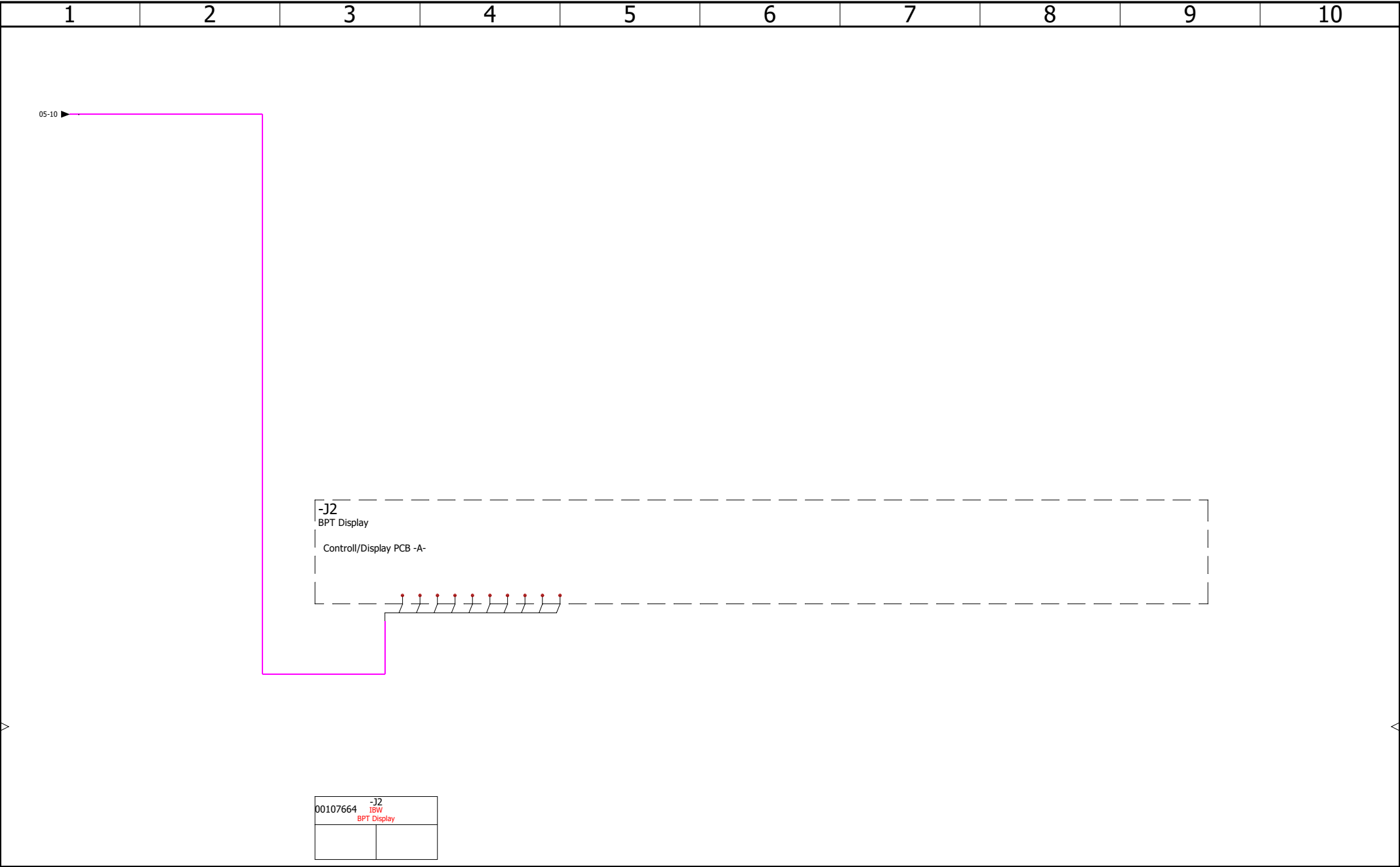
CONTRACT: ATLAS

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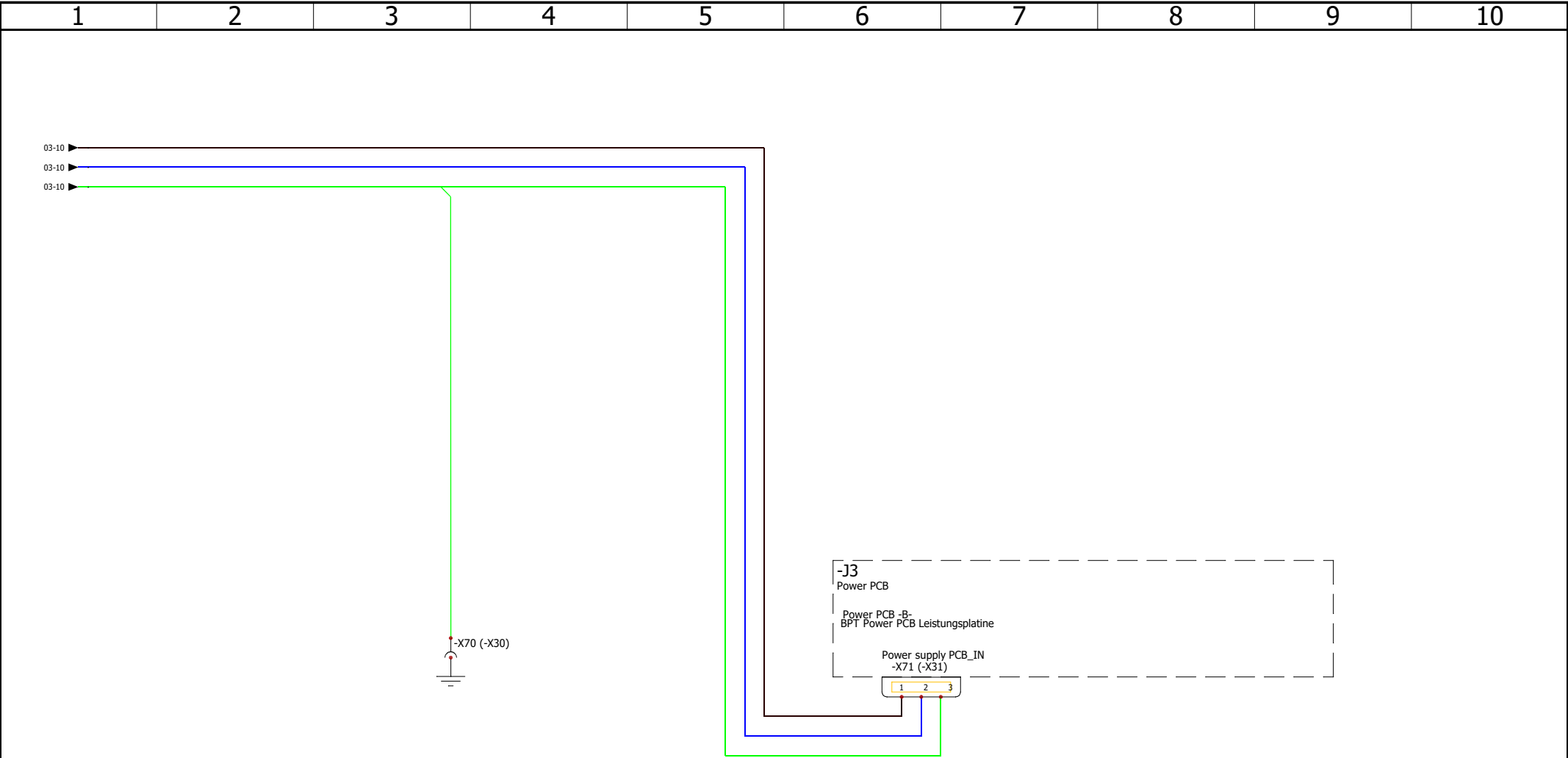
+L1

Main electrical closet

REV.	DATE	NAME	CHANGES	REVISION
1	20.03.2023	V. Frühling	Changing the wiring sequence at -F41; -F81	1
0	27.01.2022	V. Frühling / F&E		
Approved: jjjj-mm-tt T.Dieter				SCHEME
00170225				05



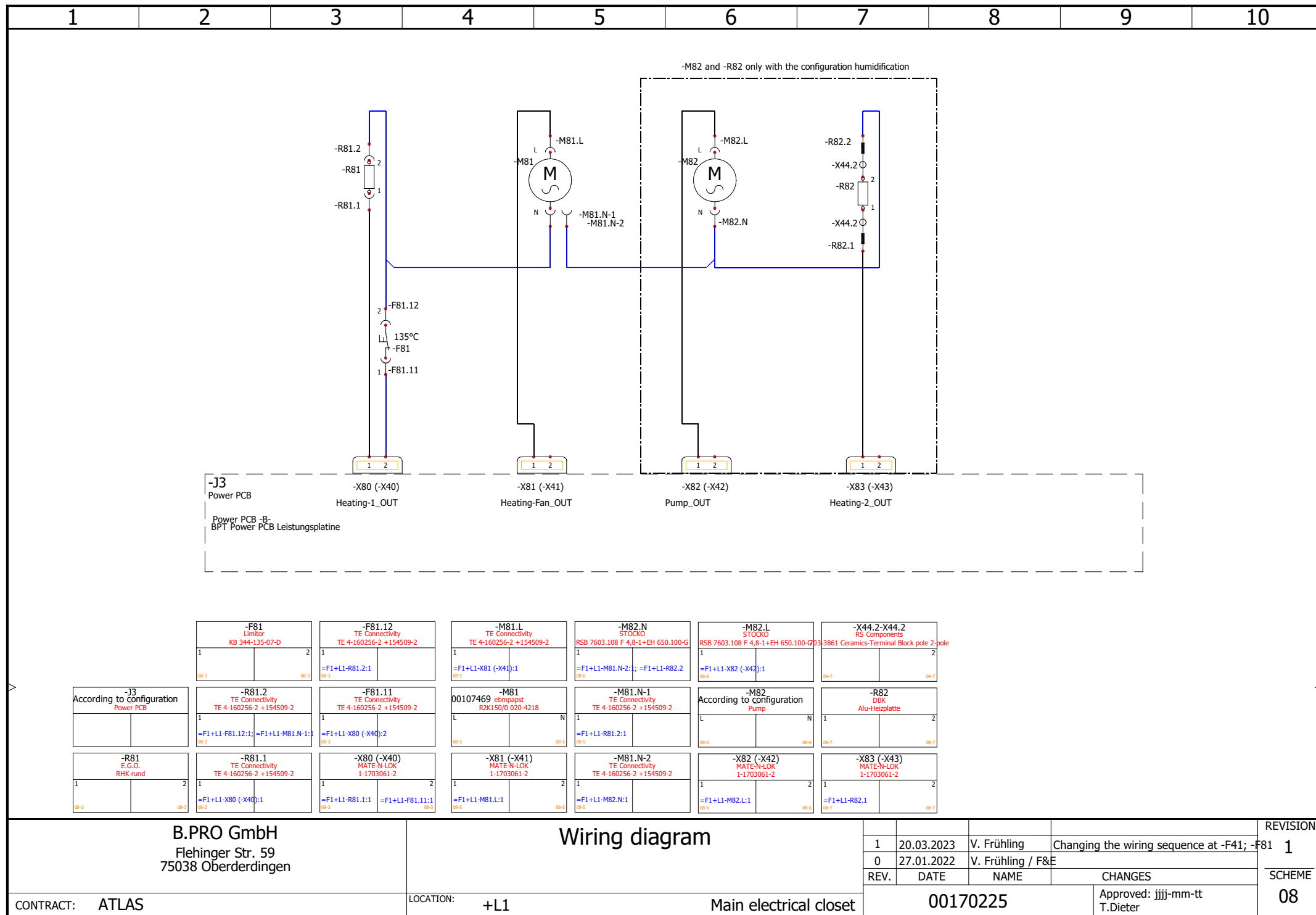
B.PRO GmbH Flehinger Str. 59 75038 Oberderdingen		Wiring diagram						REVISION
				1	20.03.2023	V. Frühling	Changing the wiring sequence at -F41; -F81	1
				0	27.01.2022	V. Frühling / F&E		
CONTRACT: ATLAS		LOCATION: +L1 Main electrical closet		REV.	DATE	NAME	CHANGES	SCHEME
							Approved: jjjj-mm-tt T.D Dieter	06



-X70 (-X30) TE Connectivity 160102-2	
1	
=F1+L1-X1_PE.2:1 03-3	

=F1+L1-X1_L1.2:1 03-4	1	-X71 (-X31) MATE-N-LOK 2178473-2	2	=F1+L1-X1_N.2:1 03-6
=F1+L1-X1_PE.2:1 03-4	3			
-J3 According to configuration Power PCB				

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		1	20.03.2023	V. Frühling	Changing the wiring sequence at -F41;-F81	1
		0	27.01.2022	V. Frühling / F&E		
		REV.	DATE	NAME	CHANGES	SCHEME
CONTRACT: ATLAS	LOCATION: +L1	Main electrical closet		00170225	Approved: jjjj-mm-tt T.Dieter	07



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Wiring diagram

CONTRACT: **ATLAS**

LOCATION: **+L1**

Main electrical closet

00170225

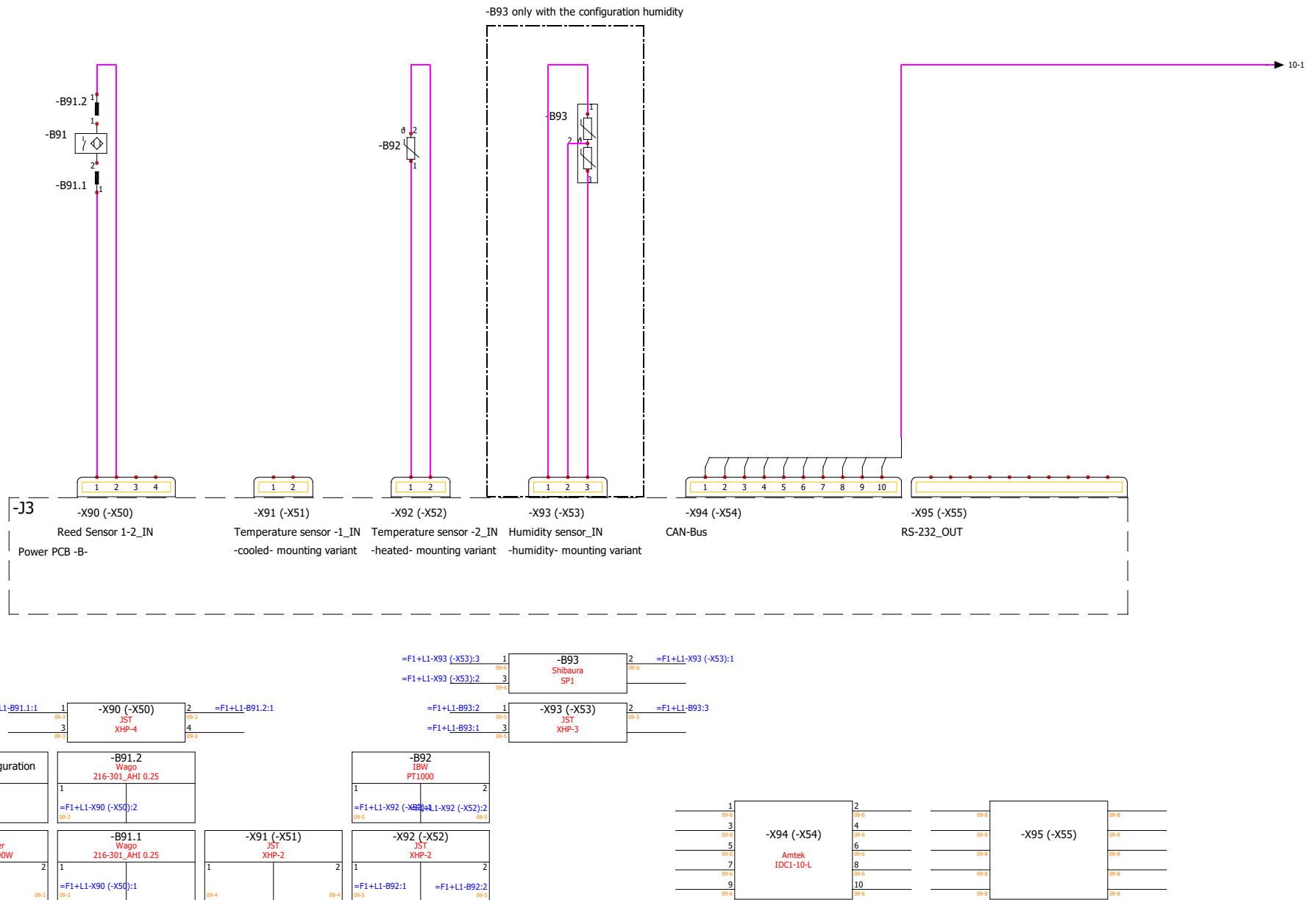
Approved: jjjj-mm-tt
 T.Dieter

REVISION

1	20.03.2023	V. Frühling	Changing the wiring sequence at -F41; -F81
0	27.01.2022	V. Frühling / F&E	

SCHEME

08



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Wiring diagram

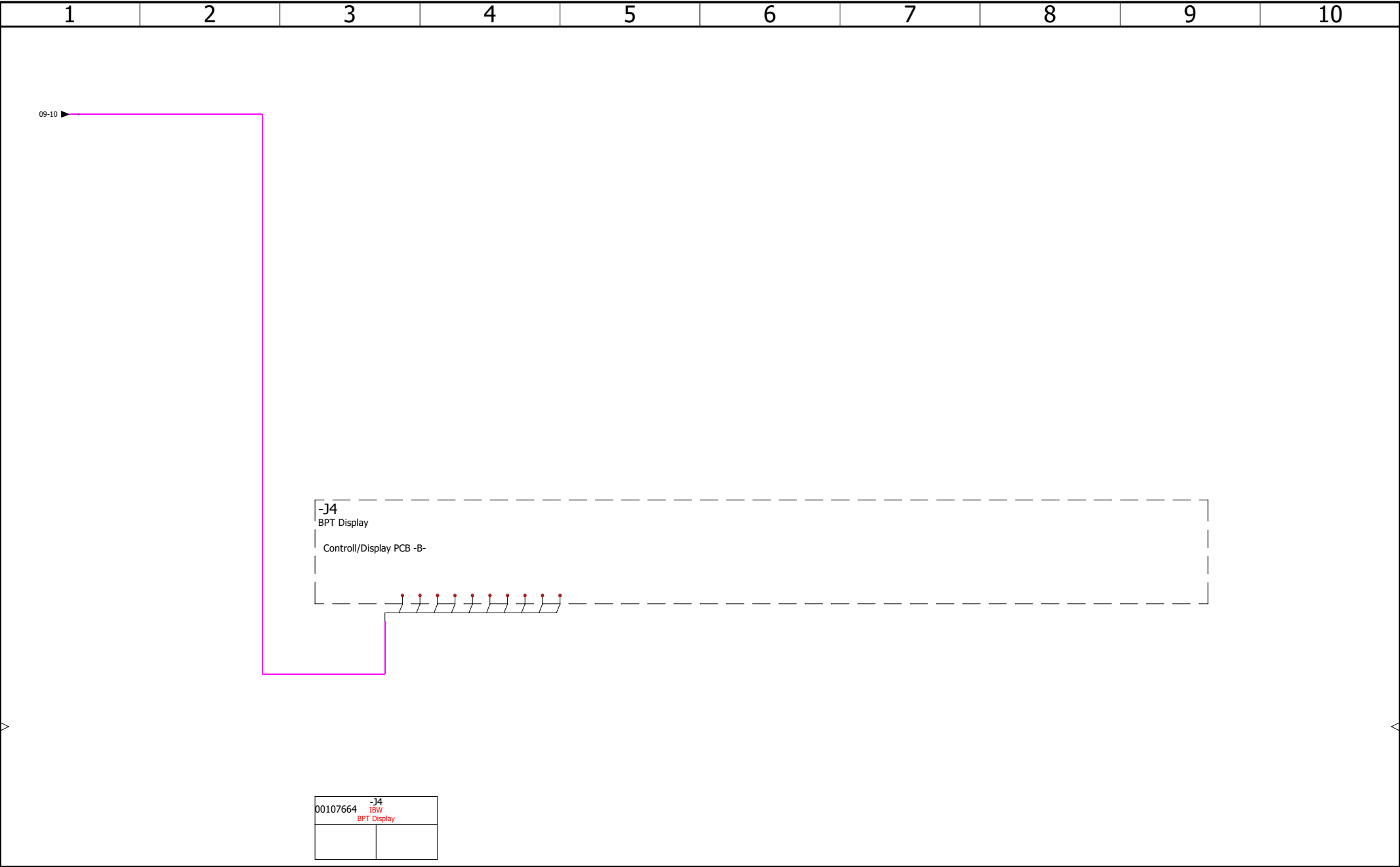
CONTRACT: ATLAS

LOCATION:

+L1

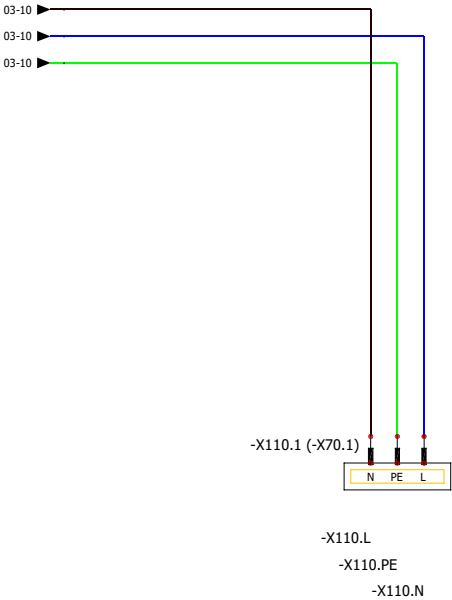
Main electrical closet

REV.	DATE	NAME	CHANGES	REVISION
1	20.03.2023	V. Frühling	Changing the wiring sequence at -F41; -F81	1
0	27.01.2022	V. Frühling / F&E		
Approved: jjjj-mm-tt T.Dieter				SCHEME 09



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				1	20.03.2023	V. Frühling	Changing the wiring sequence at -F41; -F81	1
				0	27.01.2022	V. Frühling / F&E		
				REV.	DATE	NAME	CHANGES	SCHEME
CONTRACT: ATLAS	LOCATION: +L1	Main electrical closet			00170225		Approved: jjjj-mm-tt T.Dieter	10

1	2	3	4	5	6	7	8	9	10
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-X110.N Wago 216-144_AH 1.5	-X110.PE Wago 216-144_AH 1.5
=F1+L1-X1_N.3:1 11:3	=F1+L1-X1_PE.3:1 11:3
-X110.L Wago 216-144_AH 1.5	-X110.1 (-X70.1) PCE
=F1+L1-X1_L1.3:1 11:3	L 11:3
	PE 11:3

Socket outlets according to the configuration

<div>B.PRO GmbH</div> <div>Flehinger Str. 59</div> <div>75038 Oberderdingen</div>	<div>Wiring diagram</div>					REVISION	
			1	20.03.2023	V. Frühling	Changing the wiring sequence at -F41; -F81	1
			0	27.01.2022	V. Frühling / F&E		
			REV.	DATE	NAME	CHANGES	SCHEME
CONTRACT: ATLAS	LOCATION: +L1	Main electrical closet	00170225		Approved: jjjj-mm-tt T.Dieter	11	