

B.PROTHERM E

Wiring diagram

B.PROTHERM E - heated

BPT E 12 H

BPT E 18 H

BPT E 24 H

BPT E 30 H

BPT E 36 H banquet

BPT E 2 x 18 duo H/N

BPT E 2 x 12 combi H/N

BPT E 2 x 16 combi H/N banquet

4	20.03.2023	V. Frühling	Changing the wiring sequence at -F41
3	09.03.2022	V. Frühling / F&E	Corrections to the wiring diagram design
2	04.01.2022	V. Frühling / F&E	Data in the DMS adjusted
1	17.12.2021	V. Frühling / F&E	Released
0	15.12.2021	V. Frühling / F&E	Created
REV.	DATE	NAME	CHANGES
CATERING SOLUTIONS			B.PRO GmbH Flehinger Str. 59 75038 Oberderdingen
			REVISION 4
Material number : 00170224 DIS : 1000373510			Approved: 2021-12-17 T.Dieter
			SCHEME 01

1-Wiring diagram

Drawing	Description	Function	Location	Revision	Date	Created by	Folder	Folder description
01	Cover	=F1	+L1	3	09.03.2022	V. Frühling / F&E		
02	Drawings list	=F1	+L1	3	09.03.2022	V. Frühling / F&E		
03	Electrical scheme - 230VAC_PowerSupply	=F1	+L1	3	09.03.2022	V. Frühling / F&E		
04	Electrical scheme - PowerPCB_230VAC_OUT_Actuators	=F1	+L1	3	09.03.2022	V. Frühling / F&E		
05	Electrical scheme - PowerPCB_Low voltage IN/OUT	=F1	+L1	3	09.03.2022	V. Frühling / F&E		
06	Electrical scheme - Controll-Display PCB	=F1	+L1	3	09.03.2022	V. Frühling / F&E		
07	Electrical scheme - Additional socket	=F1	+L1	3	09.03.2022	V. Frühling / F&E		
08	Harness BLT UH	=F1		3	09.03.2022	V. Frühling / F&E		
09	Main electrical closet	=F1	+L1	3	09.03.2022	V. Frühling / F&E		

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REV.	DATE	NAME	CHANGES
00170224			Approved: 2021-12-17 T.D Dieter

REVISION

4

SCHEME

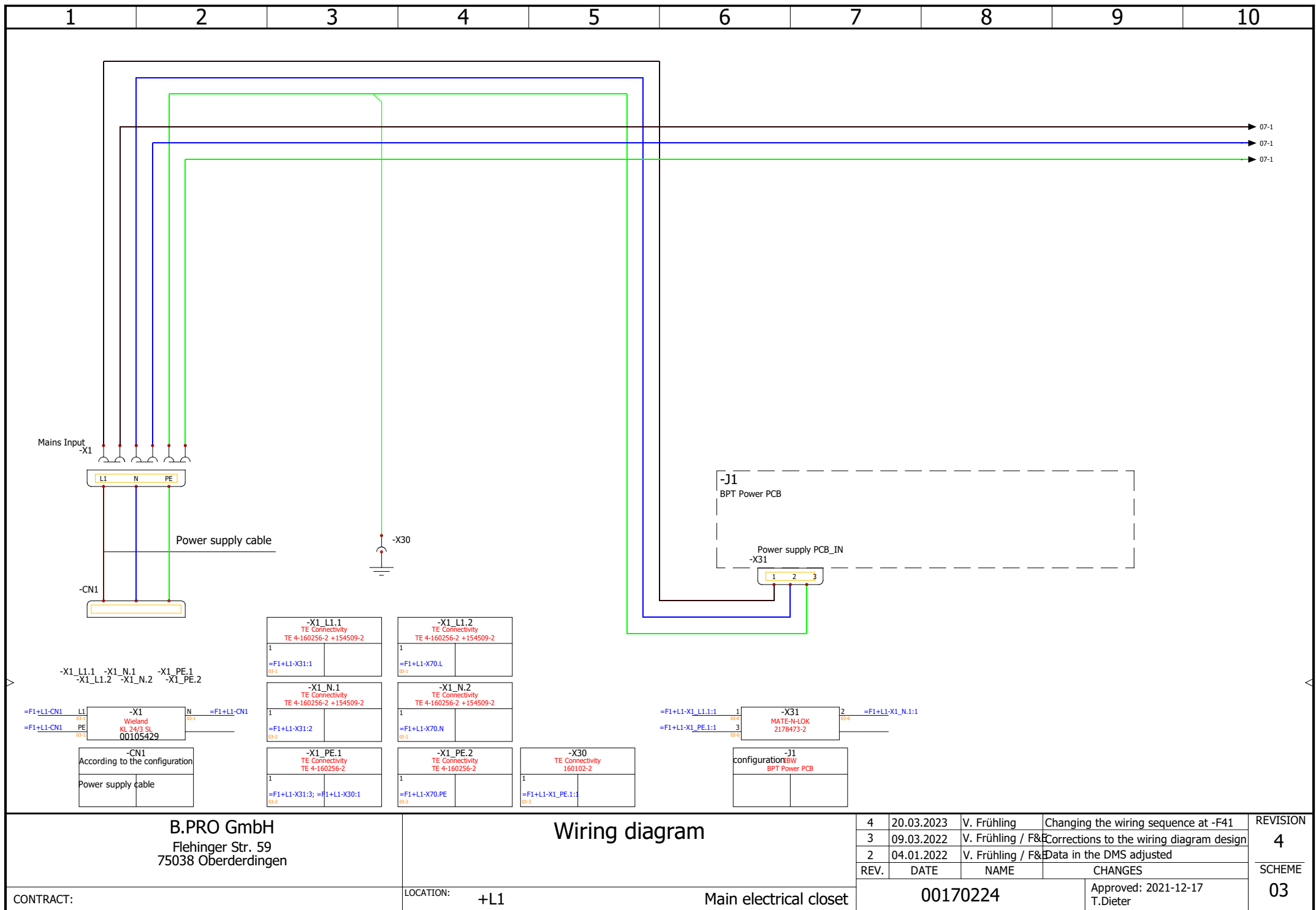
02

CONTRACT:

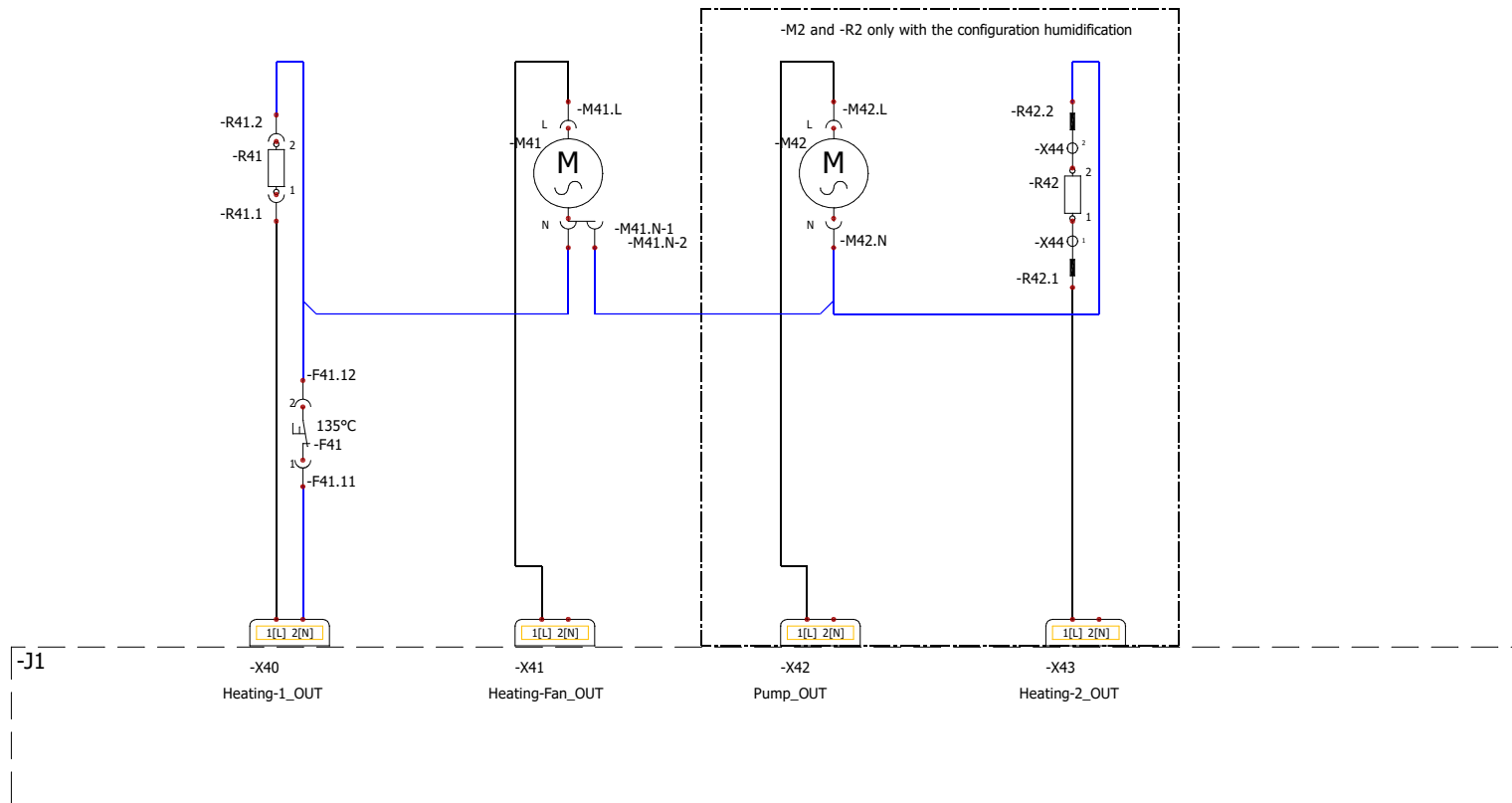
LOCATION:

+L1

Main electrical closet



12345678910



-R41.2 TE Connectivity TE 4-160256-2 +154509-2		-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 RS Components 3861 Ceramics-Terminal Block pole 2-pole	
1		1		1		1		1		1	
=F1+L1-F41.12:1; =F1+L1-M41.N:1		=F1+L1-R41.2:1		=F1+L1-X41:1[L]		=F1+L1-M41.N:2; =F1+L1-R42.2		=F1+L1-X42:1[L]			
04-3		04-3		04-5		04-6		04-6		04-7	
-R41.1 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 NME1 Micro Pump (acc. to configuration)		-R42 DBK Alu-Heizplatte	
1		1		L	N	1		L	N	1	2
=F1+L1-X40:1[L]		=F1+L1-X40:2[N]				=F1+L1-R41.2:1					
04-3		04-3		04-5		04-5		04-6		04-7	
-R41 configuration RHK-rund		-F41 Limitor KB 344-135-07-D		-X40 MATE-N-LOK 1-1703061-2		-X41 MATE-N-LOK 1-1703061-2		-X42 MATE-N-LOK 1-1703061-2		-X43 MATE-N-LOK 1-1703061-2	
1	2	1	2	1[L]	2[N]	1[L]	2[N]	1[L]	2[N]	1[L]	2[N]
				=F1+L1-R41.1:1 =F1+L1-F41.11:1		=F1+L1-M41.L:1		=F1+L1-M42.L:1		=F1+L1-R42.1	
04-3		04-3		04-3		04-5		04-6		04-7	

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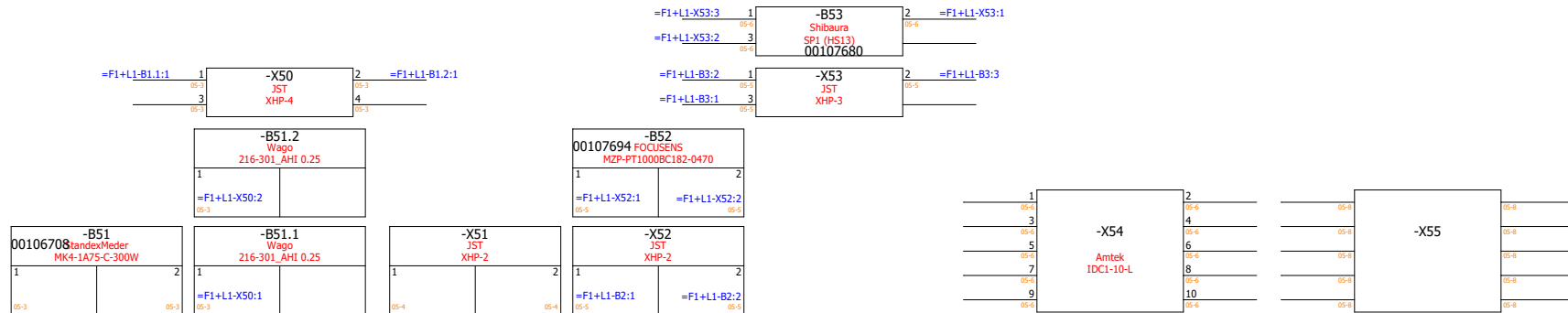
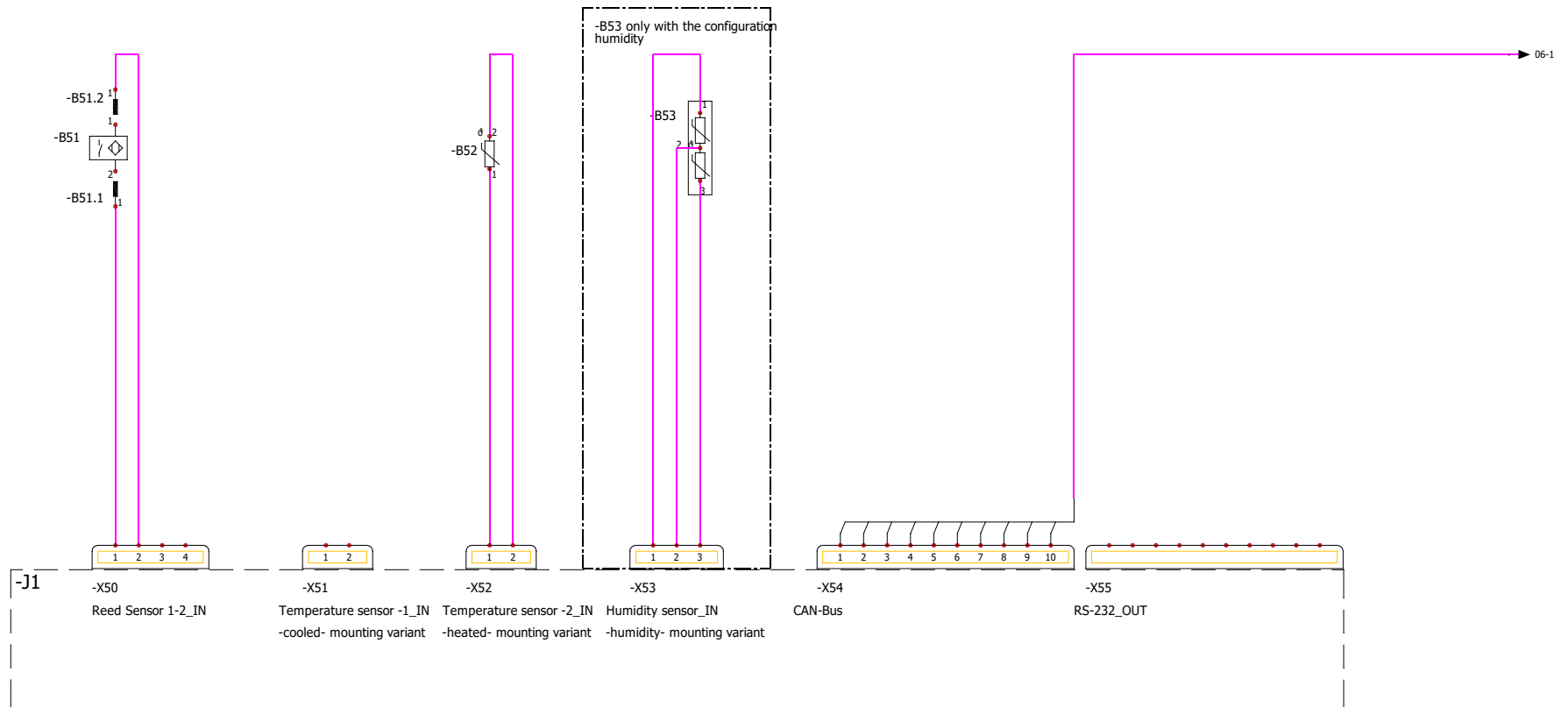
4	20.03.2023	V. Frühling	Changing the wiring sequence at -F41	REVISION 4
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2	04.01.2022	V. Frühling / F&E	Data in the DMS adjusted	
REV.	DATE	NAME	CHANGES	SCHEME 04
00170224			Approved: 2021-12-17 T. Dieter	

CONTRACT:

LOCATION:

+L1

Main electrical closet



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Wiring diagram

CONTRACT:

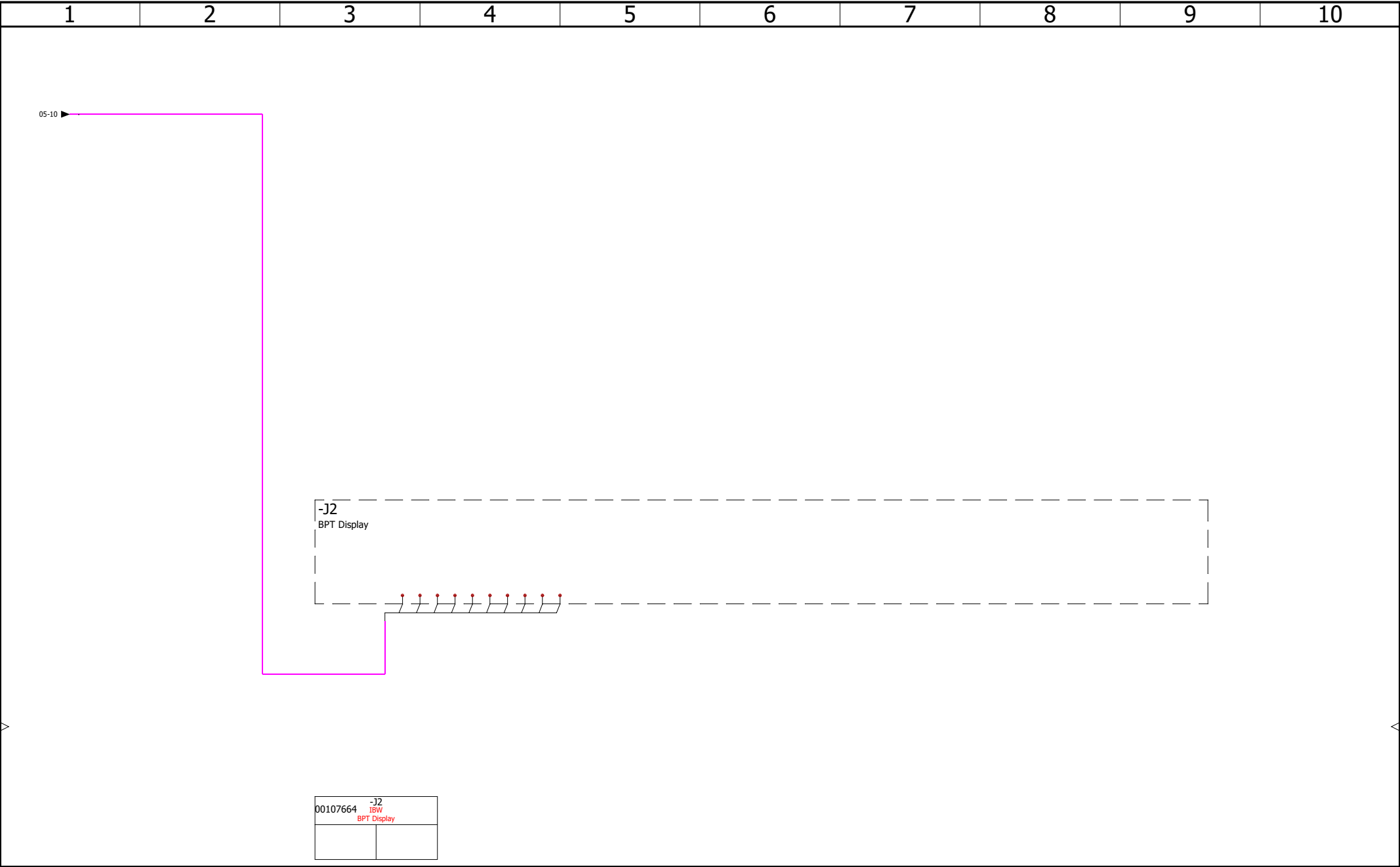
LOCATION:

+L1

Main electrical closet

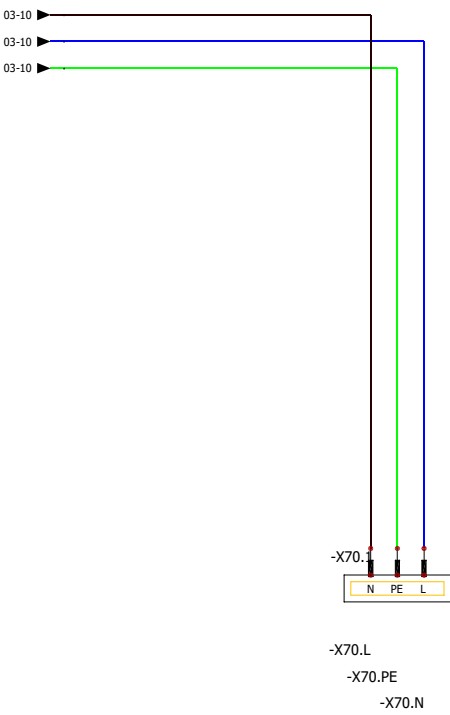
4	20.03.2023	V. Frühling	Changing the wiring sequence at -F41	REVISION
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REV.	DATE	NAME	CHANGES	SCHEME
			Approved: 2021-12-17 T.Dieter	05

00170224



B.PRO GmbH Flehinger Str. 59 75038 Oberderdingen	Wiring diagram				4	20.03.2023	V. Frühling	Changing the wiring sequence at -F41	REVISION
					3	09.03.2022	V. Frühling / F&E	Corrections to the wiring diagram design	4
					2	04.01.2022	V. Frühling / F&E	Data in the DMS adjusted	
					REV.	DATE	NAME	CHANGES	
	CONTRACT:	LOCATION:	+L1	Main electrical closet	00170224			Approved: 2021-12-17 T.Dieter	SCHEME 06

1	2	3	4	5	6	7	8	9	10
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-X70.N Wago 216-144_AH 1.5	-X70.PE Wago 216-144_AH 1.5
=F1+L1-X1_N.2:1 07-3	=F1+L1-X1_PE.2:1 07-3
-X70.L Wago 216-144_AH 1.5	-X70.1 configuration Socket outlets-country version
=F1+L1-X1_L1.2:1 07-3	L 07-3
	PE 07-3

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					REV.	DATE	NAME	CHANGES	SCHEME 07
					00170224				
CONTRACT:	LOCATION:	+L1	Main electrical closet						