



Frank GmbH
Zur Dornheck 15-17
D-35764 Sinn-Fleisbach

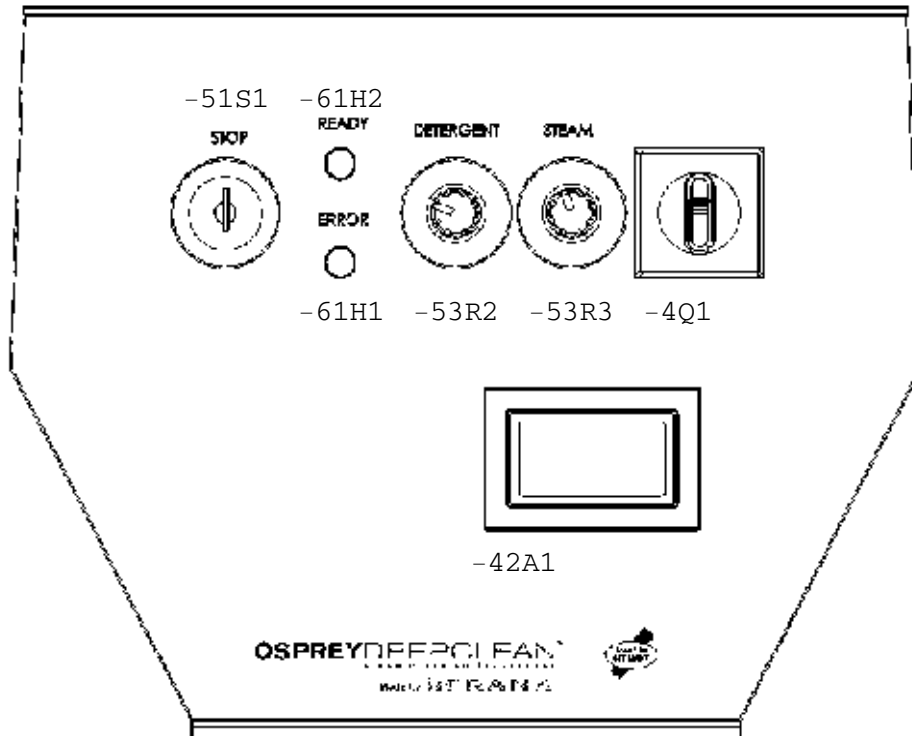
WIRING DIAGRAM

Apollo 18kW

customer : xx
project : Apollo 18kW
drawing No. : xx
operation voltage : 3x400V 50Hz
control voltage : 24VDC
power input : 19kVA
max. pre-fuse : 35A
switch cabinet : xx
color : RAL xx
year of construction: 2011

				Datum	22.07.2011		Frank GmbH Zur Dornheck D-35764 Sinn	cover sheet	drawing No.	=0001
			Bearb.	Hermann	+					
			Gepr.		sheet 1					
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d			of 100

operator panel



- 4Q1 : main switch
- 42A1 : touchpanel
- 51S1 : emergency stop
- 53R2 : poti detergent
- 53R3 : poti steam
- 61H1 : error
- 61H2 : ready

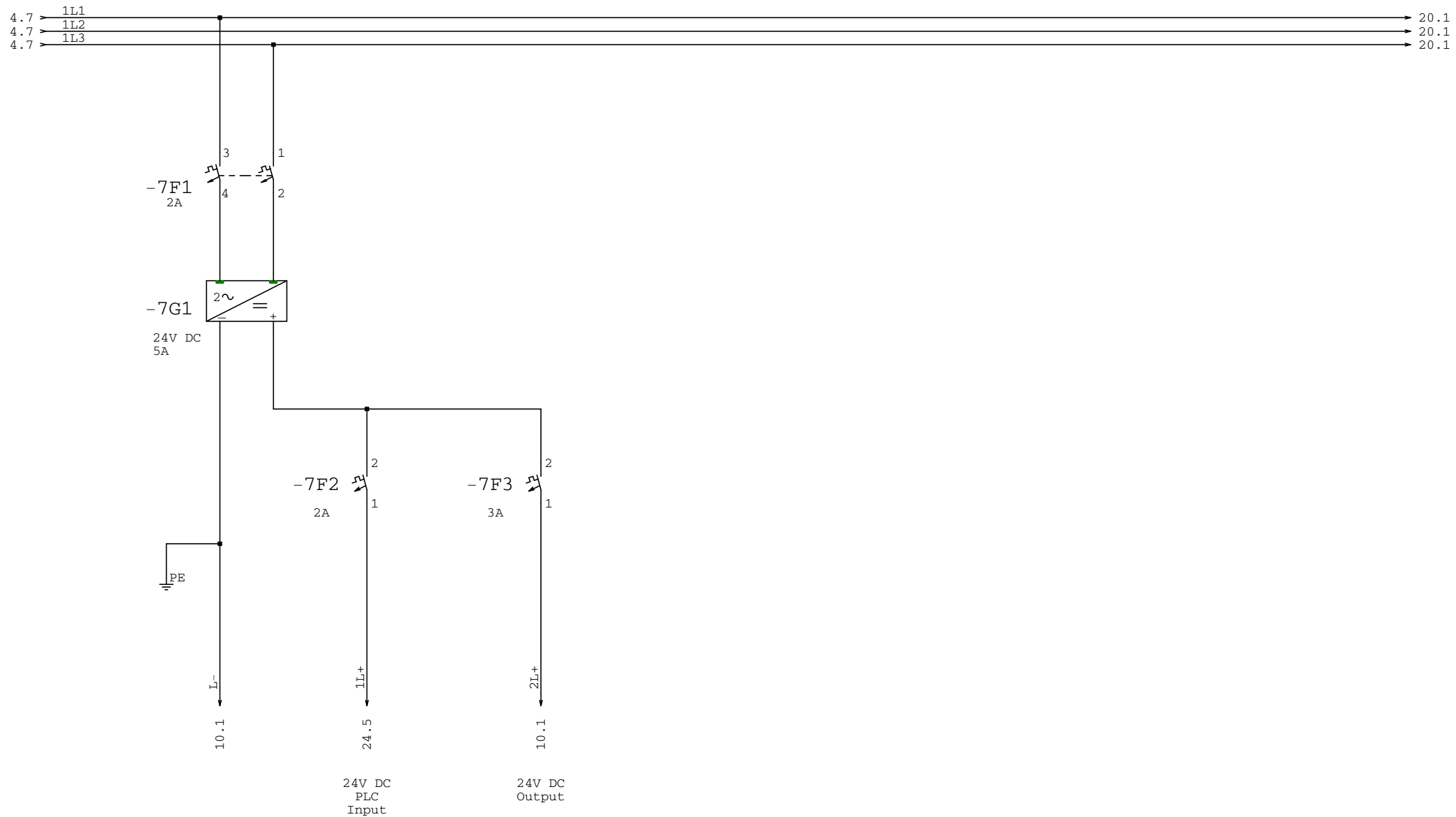
				Datum	22.07.2011		Frank GmbH Zur Dornheck D-35764 Sinn	operator panel	drawing No.		=0001
			Bearb.	Hermann					+		
			Gepr.						sheet 3		
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d			of 100	

0	1	2	3	4	5	6	7	8	9
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				Datum	22.07.2011	OSPREYFRANK <small>STEAM TECHNOLOGY</small>	Frank GmbH Zur Dornheck D-35764 Sinn	power supply	drawing No.	=0001
			Bearb.	Hermann	+					
Zust.	Änderung	Datum	Name	Norm	Urspr.				Ers.f	Ers.d

0	1	2	3	4	5	6	7	8	9
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				Datum	22.07.2011	OSPREYFRANK <small>STEAM TECHNOLOGY</small>	Frank GmbH Zur Dornheck D-35764 Sinn	24V DC supply	drawing No.		=0001
			Bearb.	Hermann					+		
			Gepr.						sheet 7		
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d			of 100	

0	1	2	3	4	5	6	7	8	9
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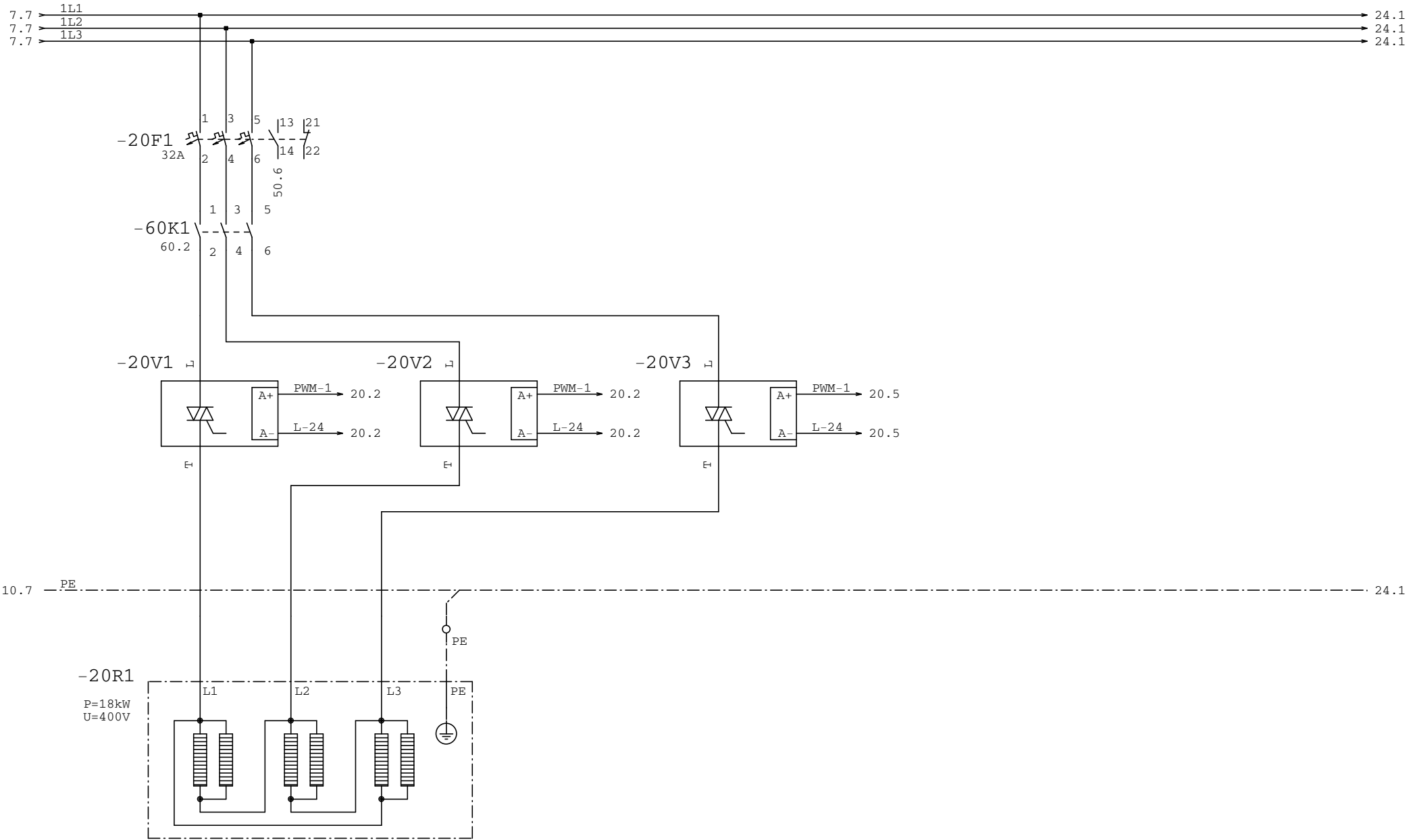
7.3 → 2L+ → 30.1

-10M1 (M)

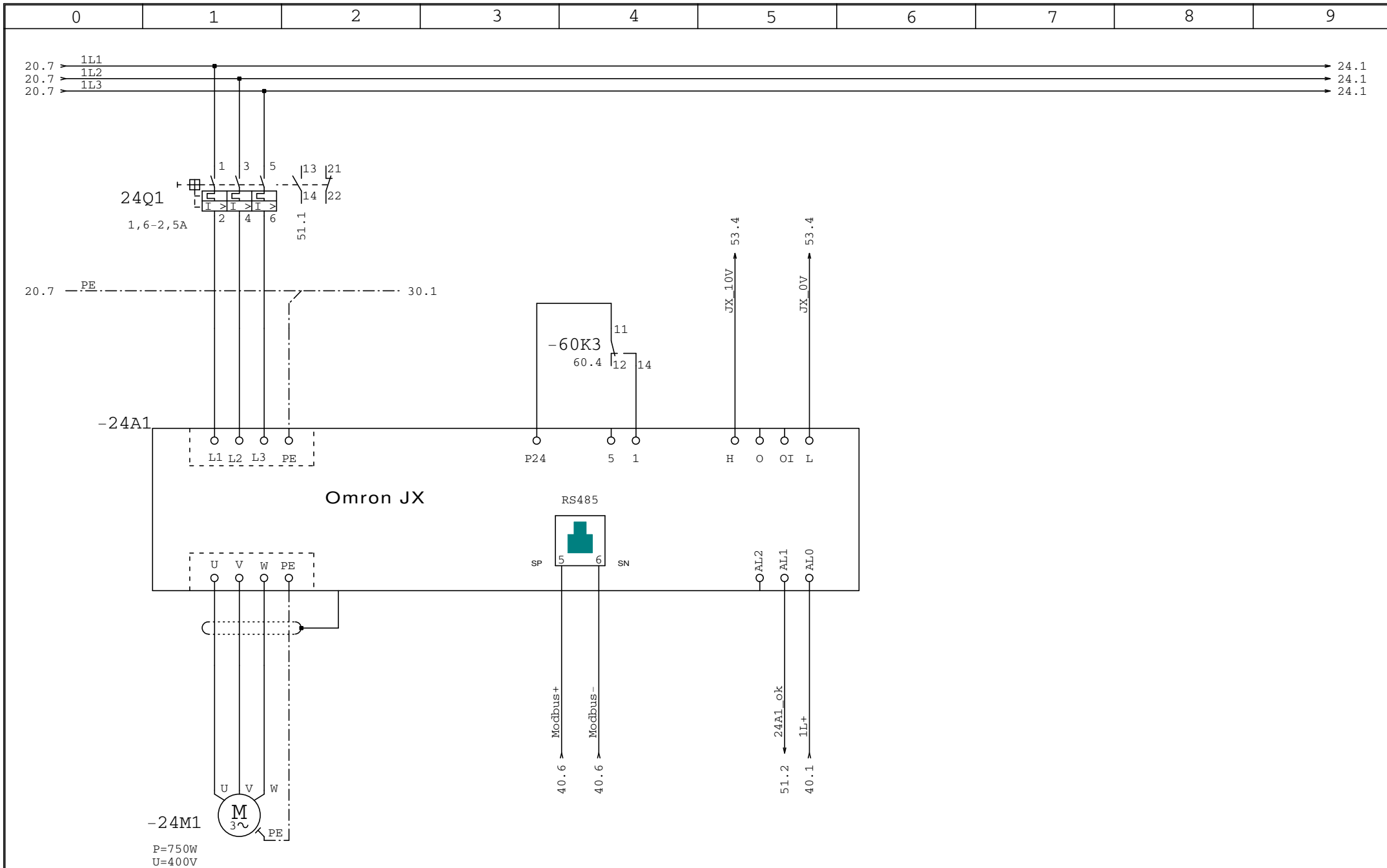
7.2 → L- → 30.1
 4.7 → PE → 20.1

cooling

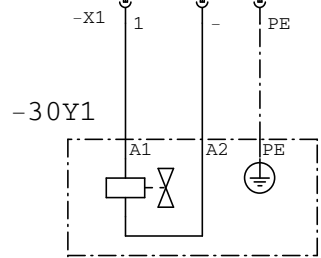
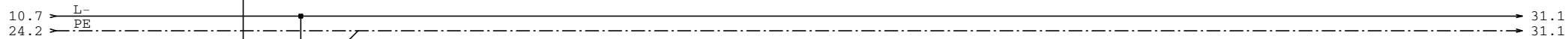
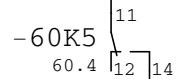
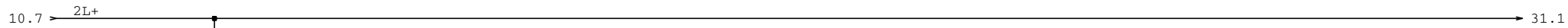
				Datum	22.07.2011	OSPREYFRANK <small>STEAM TECHNOLOGY</small>	Frank GmbH Zur Dornheck D-35764 Sinn	cooling cabinet	drawing No.		=0001
			Bearb.	Hermann					+		
			Gepr.						sheet 10		
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d			of 100	



				Datum	22.07.2011	OSPREYFRANK <small>STEAM TECHNOLOGY</small>	Frank GmbH Zur Dornheck D-35764 Sinn	heater modul	drawing No.	=0001
				Bearb.	Hermann					+
				Gepr.						
Zust.	Änderung	Datum	Name	Norm		Urspr.	Ers.f	Ers.d		of 100

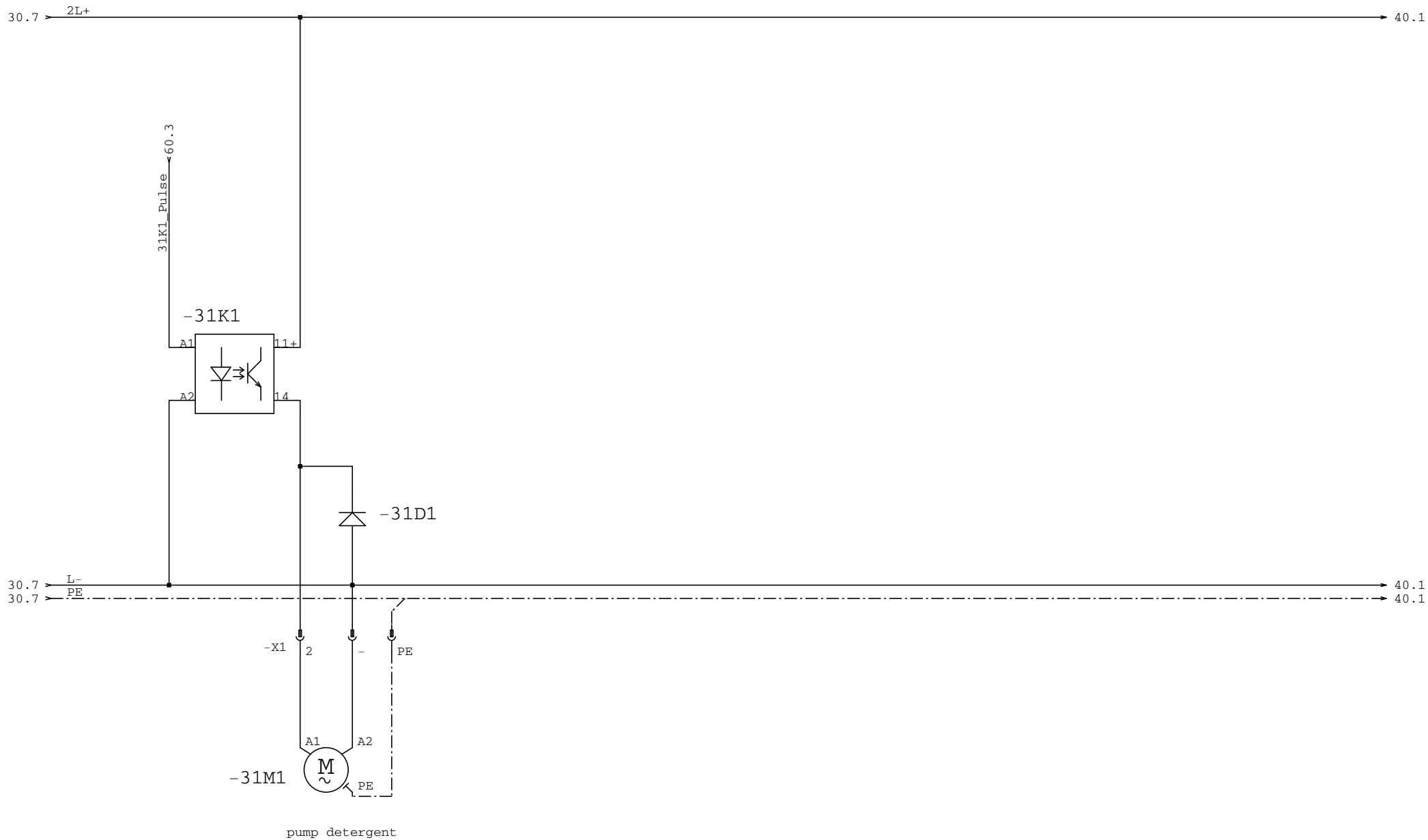


				Datum	22.07.2011	OSPREYFRANK <small>STEAM TECHNOLOGY</small>	Frank GmbH Zur Dornheck D-35764 Sinn	pump modul	drawing No.		=0001
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			Gepr.						sheet 24		
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d			of 100	

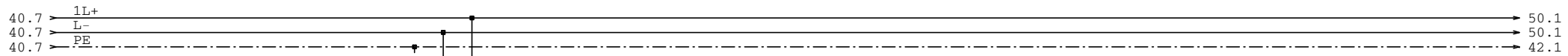


solenoid steam

				Datum	22.07.2011	OSPREYFRANK <small>STEAM TECHNOLOGY</small>	Frank GmbH Zur Dornheck D-35764 Sinn	solenoid steam	drawing No.	=0001
				Bearb.	Hermann					+
				Gepr.						sheet 30
Zust.	Änderung	Datum	Name	Norm		Urspr.	Ers.f	Ers.d		of 100

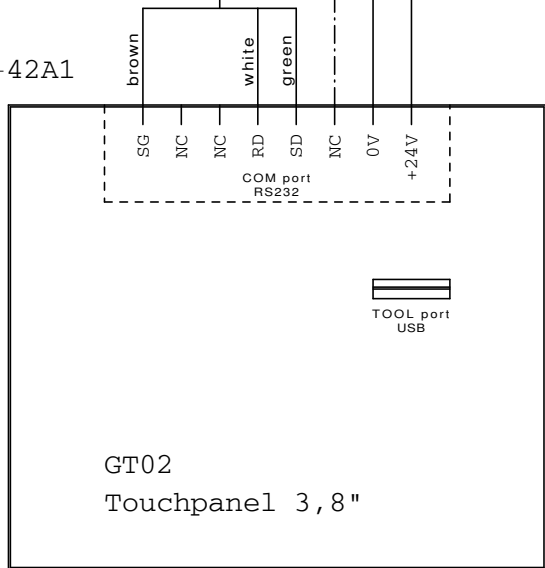


				Datum	22.07.2011	OSPREYFRANK <small>STEAM TECHNOLOGY</small>	Frank GmbH Zur Dornheck D-35764 Sinn	pump detergent	drawing No.	=0001
				Bearb.	Herrmanni					+
				Gepr.						sheet 31
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d			of 100

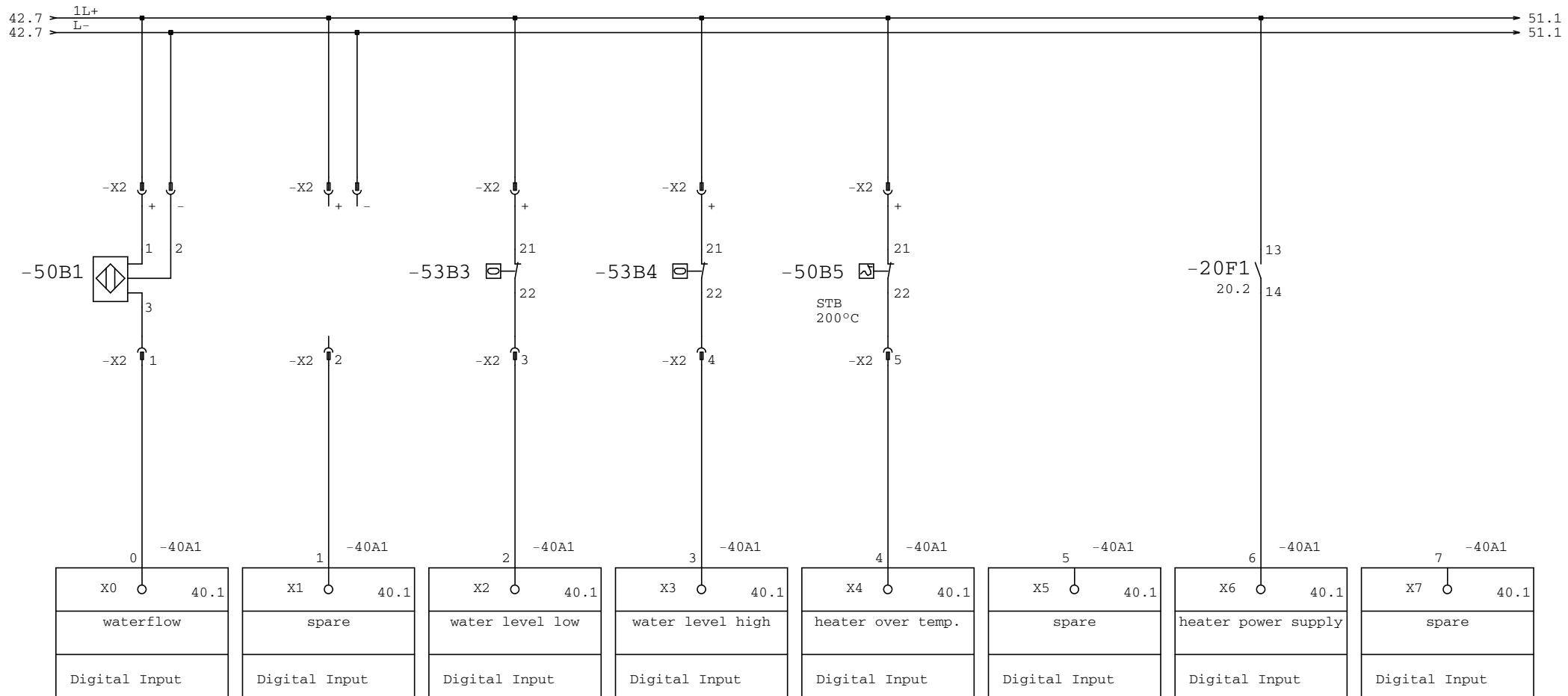


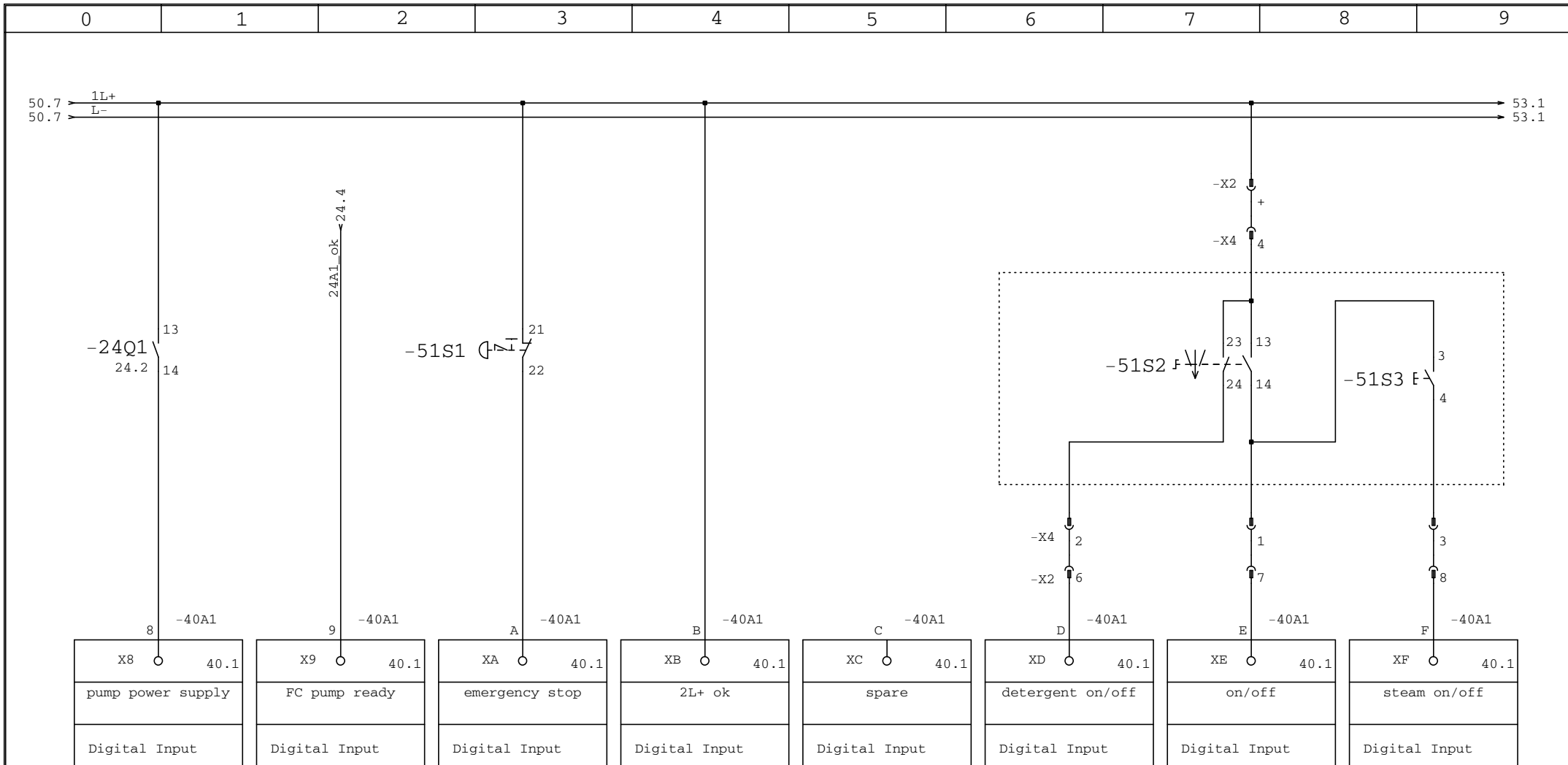
40.2 → GT02

-42A1



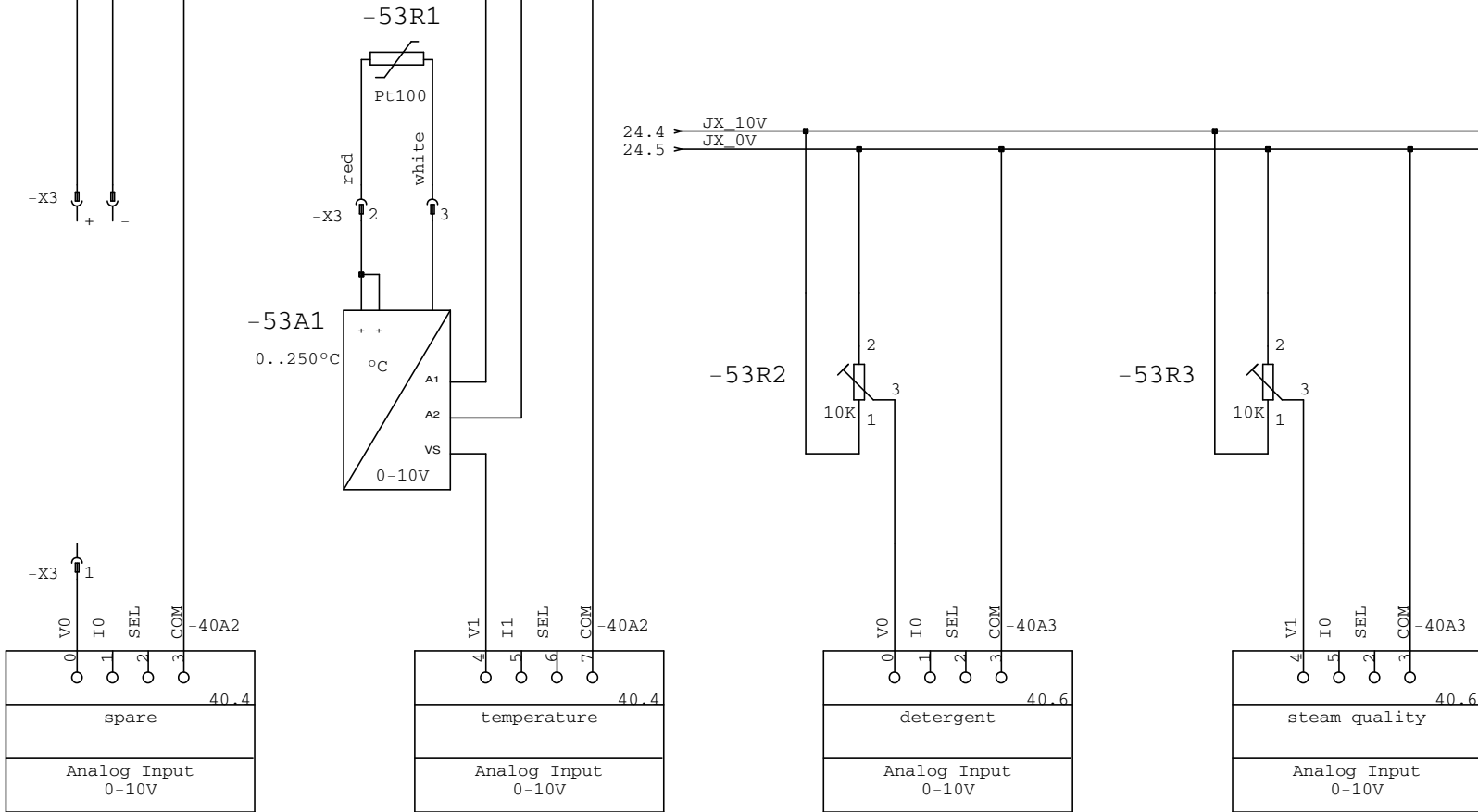
				Datum	22.07.2011	OSPREYFRANK <small>STEAM TECHNOLOGY</small>	Frank GmbH Zur Dornheck D-35764 Sinn	Touchpanel	drawing No.	=0001	
				Bearb.	Hermanni						+
				Gepr.							sheet 42
Zust.	Änderung	Datum	Name	Norm		Urspr.	Ers.f	Ers.d		of 100	



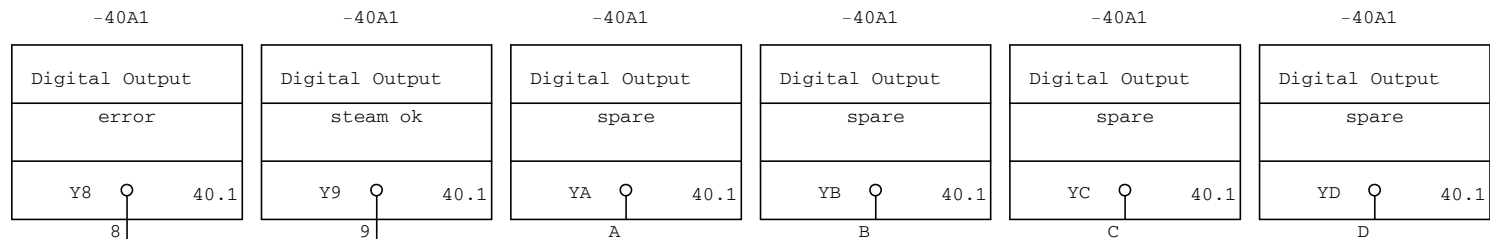


				Datum	22.07.2011	OSPREYFRANK <small>STEAM TECHNOLOGY</small>	Frank GmbH Zur Dornheck D-35764 Sinn	Digital Input X8 - XF	drawing No.		=0001
			Bearb.	Hermann					+		
			Gepr.						sheet 51		
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d			of 100	

51.7 → 1L+ → 53.1
 51.7 → L- → 60.1



				Datum	22.07.2011	OSPREYFRANK <small>STEAM TECHNOLOGY</small>	Frank GmbH Zur Dornheck D-35764 Sinn	Analog Input	drawing No.	=0001
				Bearb.	Hermann					+
				Gepr.						sheet 53
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d			of 100



				Datum	22.07.2011	OSPREYFRANK <small>STEAM TECHNOLOGY</small>	Frank GmbH Zur Dornheck D-35764 Sinn	Digital Output Y8 - YD	drawing No.	=0001
				Bearb.	Hermann					+
				Gepr.						sheet 61
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d			of 100

