


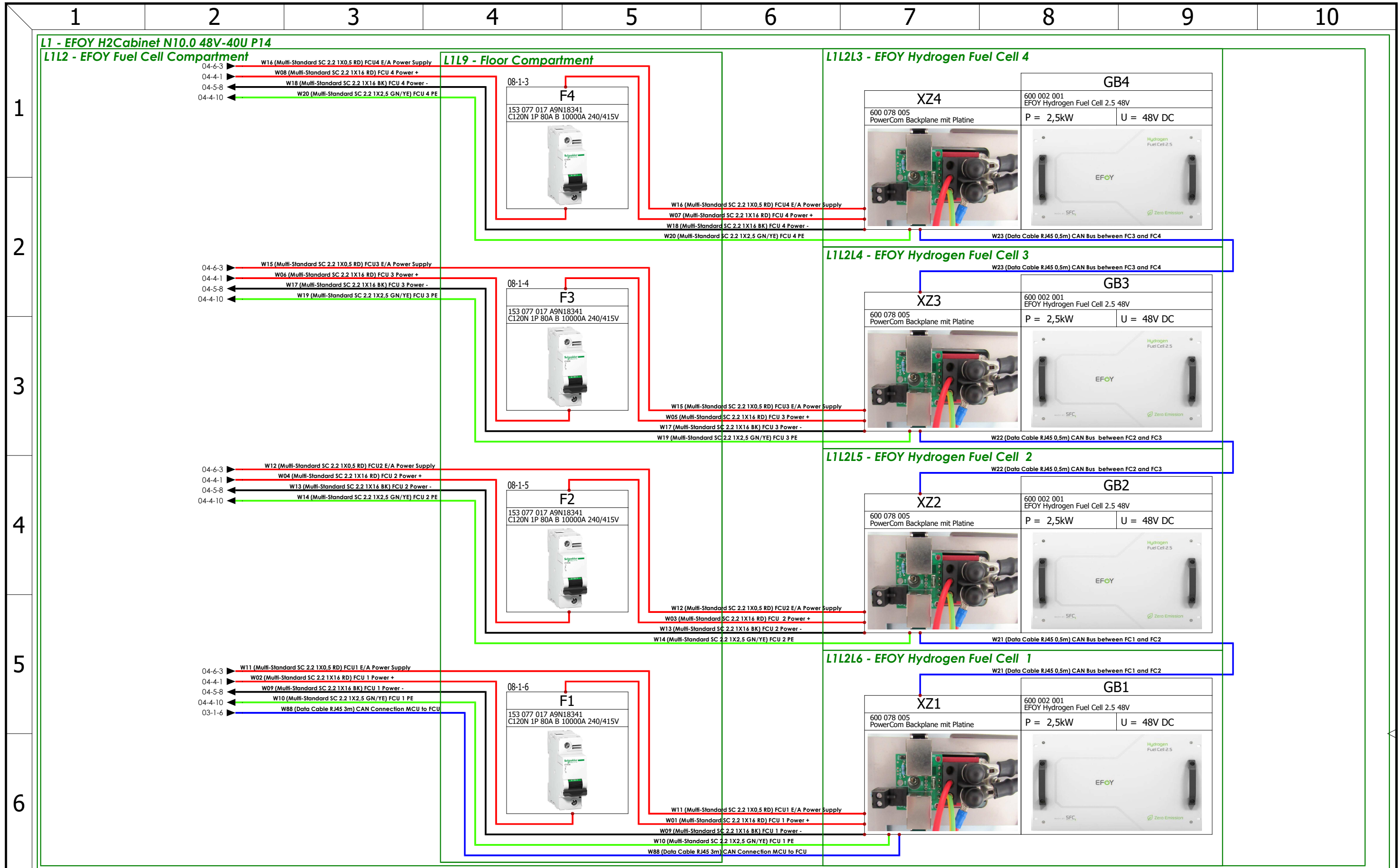
EFOY H2Cabinet N10.0 48VDC-40U GreenRenPower

153 002 624

Additional customized components



Rev./ Rev.	Änderung/ modification	Datum/ Date	Name/ Name	geprüft checked	Datum/ Date	freigegeben approved	Datum/ Date	Kennzeichnung nach DIN EN 81346-2		Maßstab/ scale
								Projekt completed on	14.06.2023	1:1
								Projekt completed from		Format/ format
										A3
										Folie/ page
										01
0	Cover Page Created (First design)	14.06.2023	pankratzs							
Kunde: Customer: GreenRenPower								 SFC ENERGY SFC Energy Eugen-Saenger-Ring 7 85649 Brunnthal / Munich Germany		
								Bitte Schutzvermerk nach DIN ISO 16016 beachten! Weitergabe an Dritte nur mit schriftlicher Genehmigung!		PROPRIETARY AND CONFIDENTIAL The information contained in this drawing is the sole property of SFC Energy AG. Any reproduction without the written permission of SFC Energy AG is prohibited.

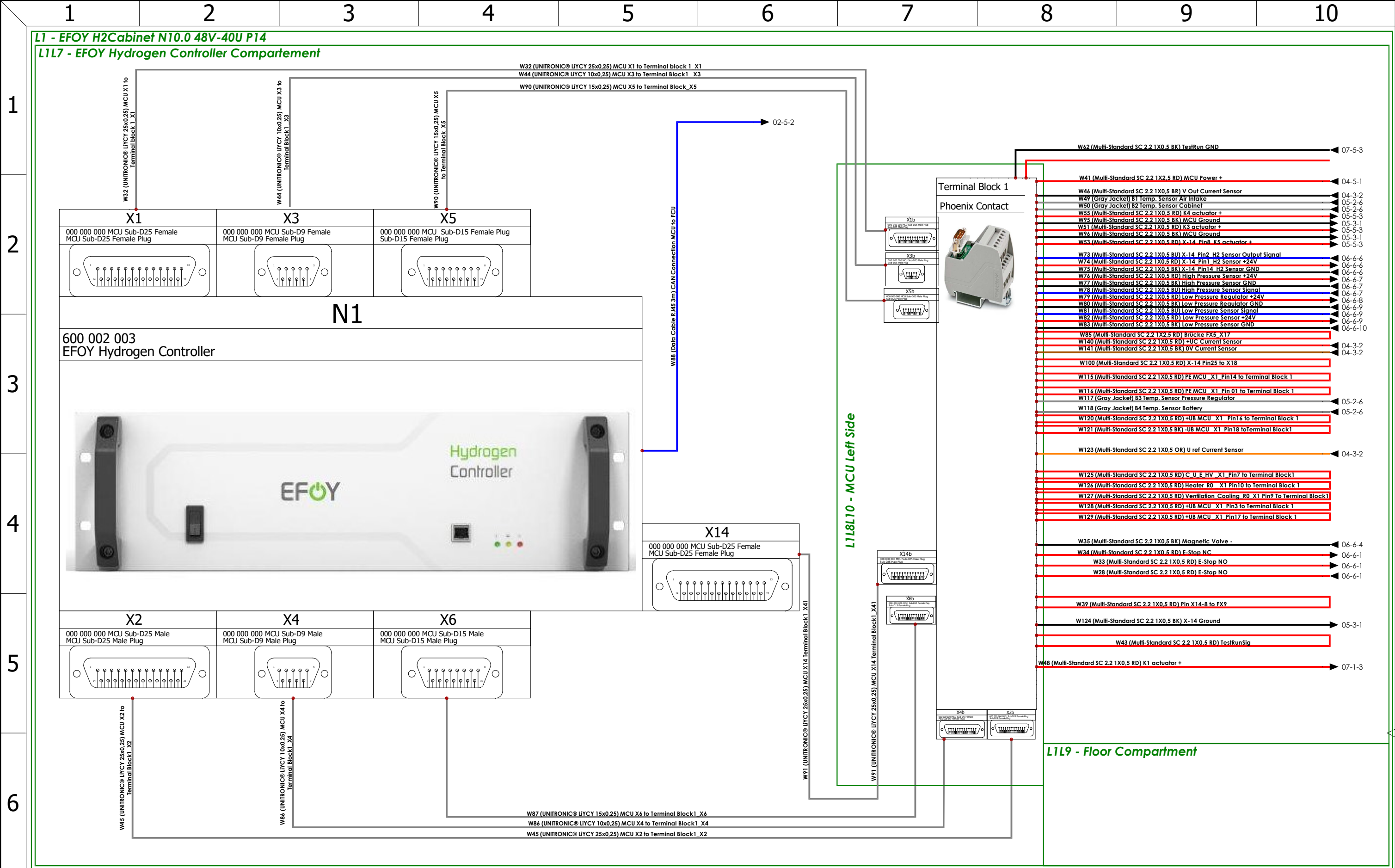


SFC Energy
 Eugen-Saenger-Ring 7
 85649 Brunntal / Munich
 Germany

EFOY H2Cabinet N10.0 48VDC-40U
 GreenRenPower
 14.06.2023

				User data 2
				0
0	14.06.2023	pankratzs	Line Diagram Created (First design)	User data 1
Document book			Line diagram EFOY FC	02

L1 - EFOY H2Cabinet N10.0 48V-40U P14
L1L7 - EFOY Hydrogen Controller Compartment

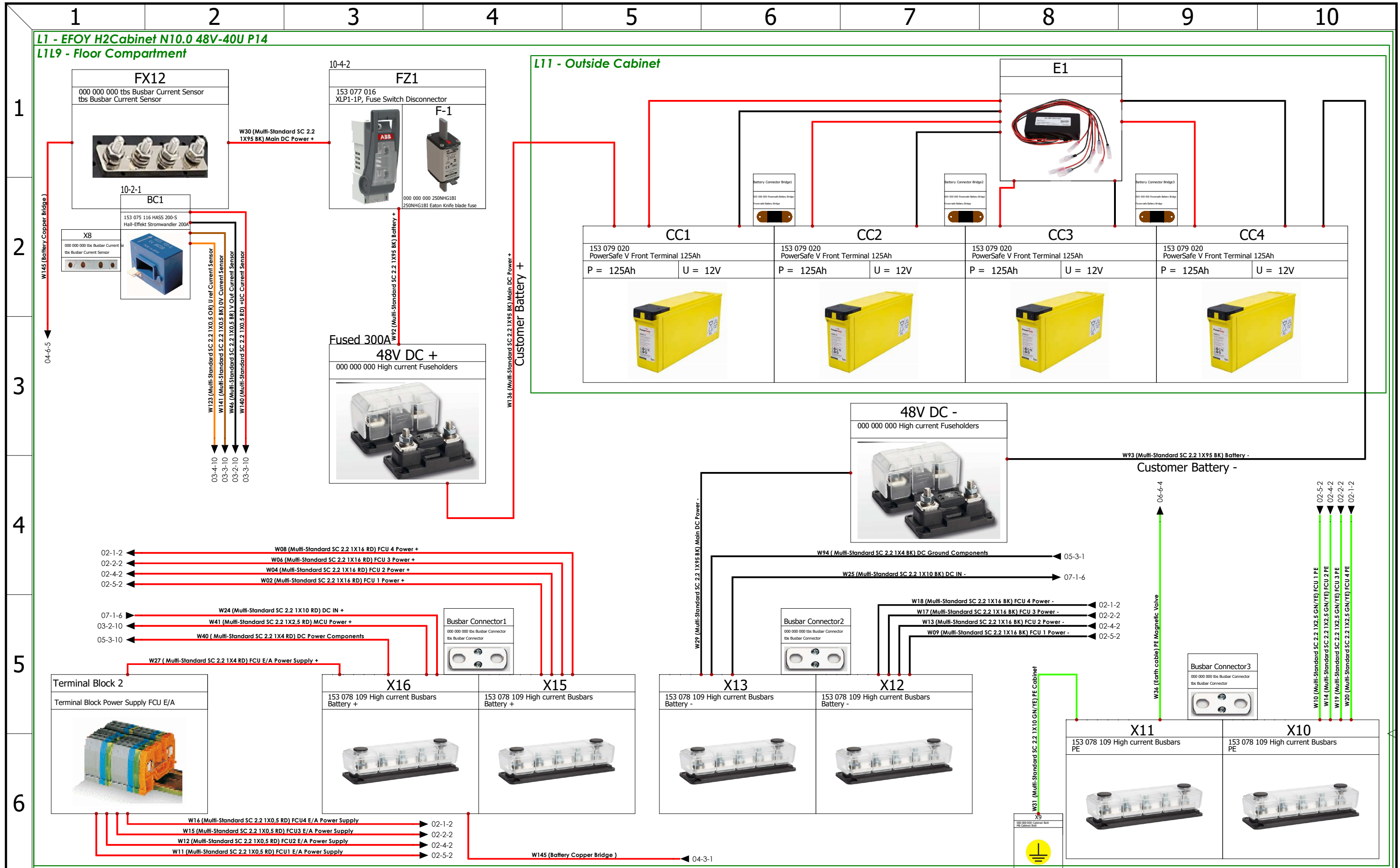


SOLIDWORKS Electrical

SFC Energy
 Eugen-Saenger-Ring 7
 85649 Brunthal / Munich
 Germany

EFOY H2Cabinet N10.0 48VDC-40U
 GreenRenPower
 14.06.2023

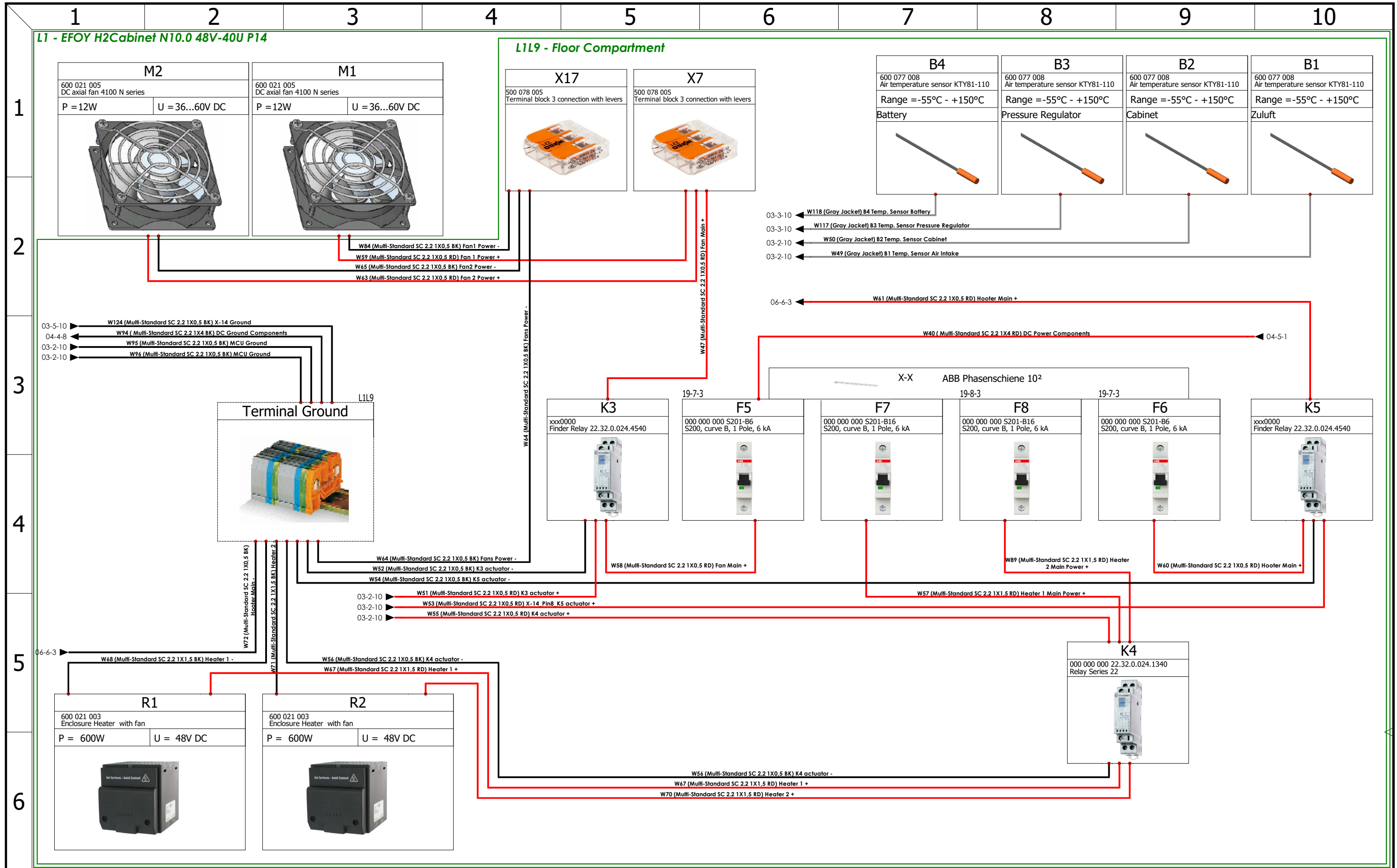
				0	User data 2
0	14.06.2023	pankratzs	Line diagram Created (First design)		User data 1
Document book			Line diagram EFOY HC	03	



SFC Energy
 Eugen-Saenger-Ring 7
 85649 Brunthal / Munich
 Germany

EFOY H2Cabinet N10.0 48VDC-40U
 GreenRenPower
 14.06.2023

				0	User data 2
0	14.06.2023	pankratzs	Line diagram Created (First design)	User data 1	
Document book			Line diagram DC Power distribution	04	



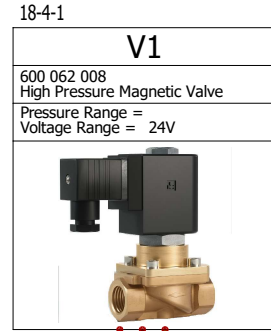
SFC Energy
 Eugen-Saenger-Ring 7
 85649 Brunntal / Munich
 Germany

EFOY H2Cabinet N10.0 48VDC-40U
 GreenRenPower
 14.06.2023

				User data 2
				0
0	14.06.2023	pankratzs	Line diagram Created (First design)	User data 1
Document book			Line diagram climate control	05

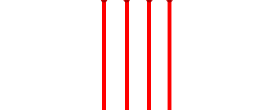
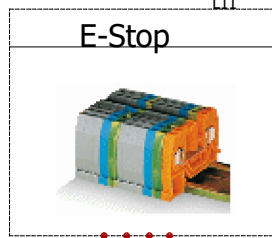
L11 - Outside Cabinet

1

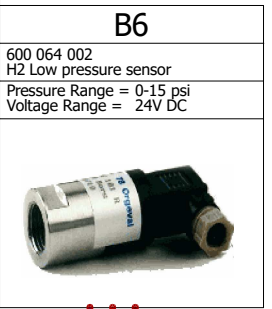
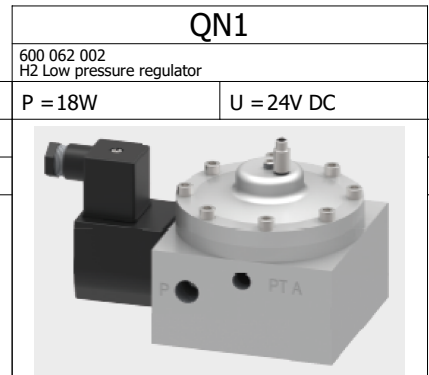


L1 - EFOY H2Cabinet N10.0 48V-40U P14

2



3



4

5

6

W33 (Multi-Standard SC 2.2 1X0.5 RD) E-Stop NO
 W28 (Multi-Standard SC 2.2 1X0.5 RD) E-Stop NO
 W34 (Multi-Standard SC 2.2 1X0.5 RD) E-Stop NC

W61 (Multi-Standard SC 2.2 1X0.5 RD) Hooper Main +
 W72 (Multi-Standard SC 2.2 1X0.5 BK) Hooper Main -

W35 (Multi-Standard SC 2.2 1X0.5 BK) Magnetic Valve
 W36 (Earth cable) PE Magnetic Valve

W73 (Multi-Standard SC 2.2 1X0.5 BU) X-14 Pin2 H2 Sensor Output Signal
 W74 (Multi-Standard SC 2.2 1X0.5 RD) X-14 Pin1 H2 Sensor +24V
 W75 (Multi-Standard SC 2.2 1X0.5 BK) X-14 Pin14 H2 Sensor GND

W78 (Multi-Standard SC 2.2 1X0.5 BU) High Pressure Sensor Signal
 W76 (Multi-Standard SC 2.2 1X0.5 RD) High Pressure Sensor +24V
 W77 (Multi-Standard SC 2.2 1X0.5 BK) High Pressure Sensor GND

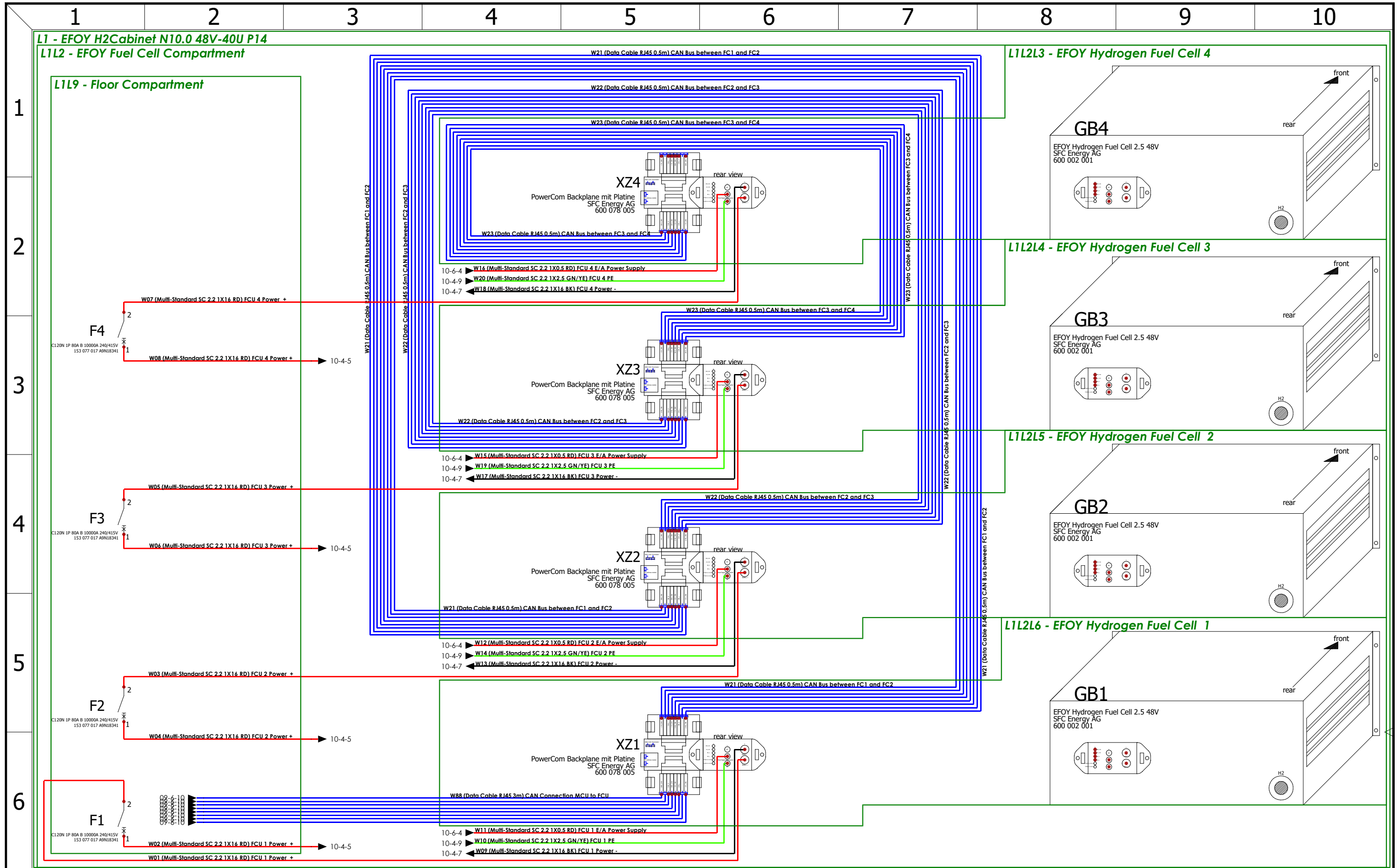
W79 (Multi-Standard SC 2.2 1X0.5 RD) Low Pressure Regulator +24V
 W80 (Multi-Standard SC 2.2 1X0.5 BK) Low Pressure Regulator GND

W81 (Multi-Standard SC 2.2 1X0.5 BU) Low Pressure Sensor Signal
 W82 (Multi-Standard SC 2.2 1X0.5 RD) Low Pressure Sensor +24V
 W83 (Multi-Standard SC 2.2 1X0.5 BK) Low Pressure Sensor GND

SFC Energy
 Eugen-Saenger-Ring 7
 85649 Brunthal / Munich
 Germany

EFOY H2Cabinet N10.0 48VDC-40U
 GreenRenPower

				User data 2
				0
0	14.06.2023	pankratzs	Line diagram Created (First design)	User data 1
Document book			Line diagram H2 Components	06

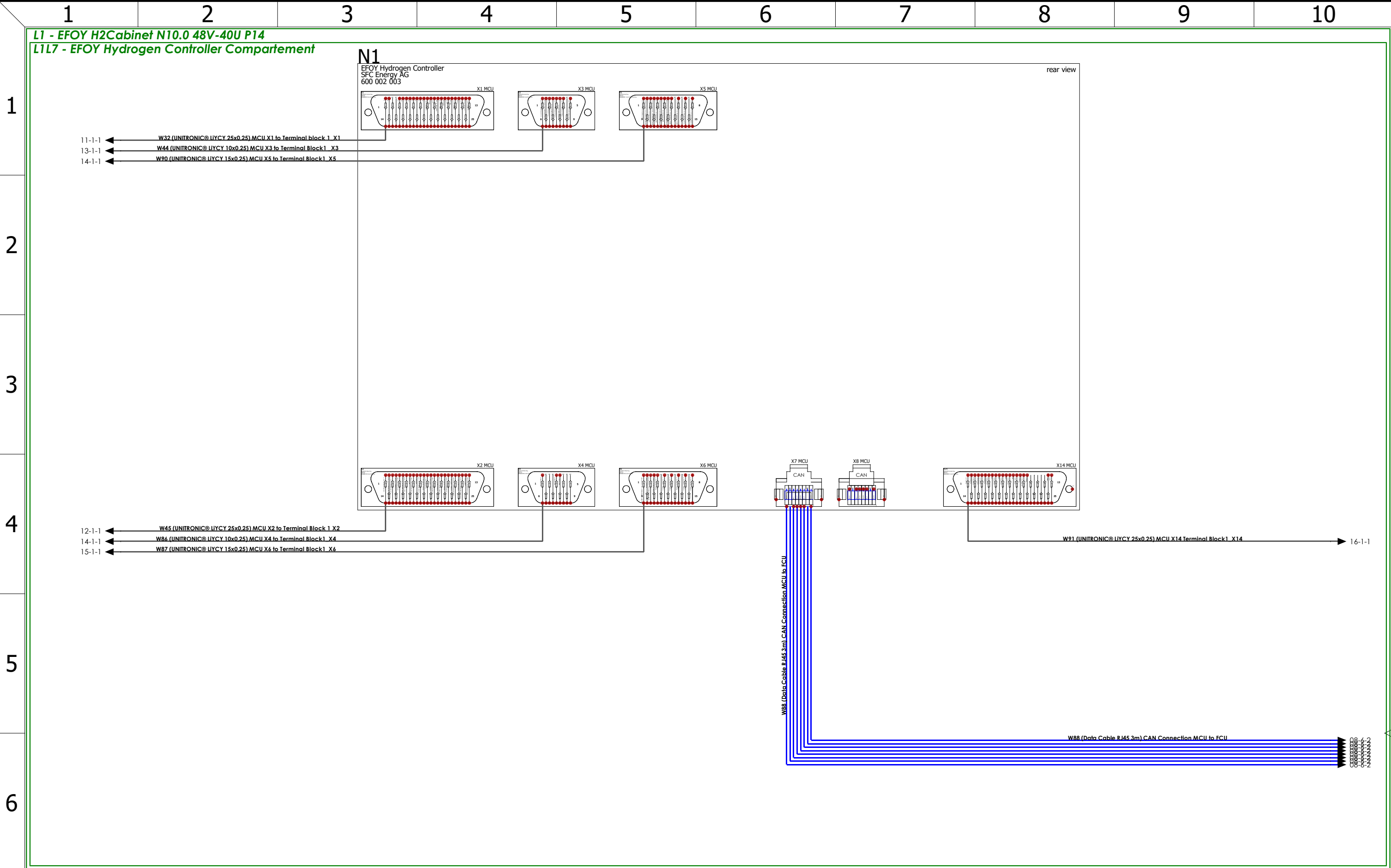


SFC Energy
Eugen-Saenger-Ring 7
85649 Brunntal / Munich
Germany

EFOY H2Cabinet N10.0 48VDC-40U
GreenRenPower
14.06.2023

				User data 2
				0
0	14.06.2023	pankratzs	Circuit Diagram Created (First design)	User data 1
Document book			Circuit diagram FC	08

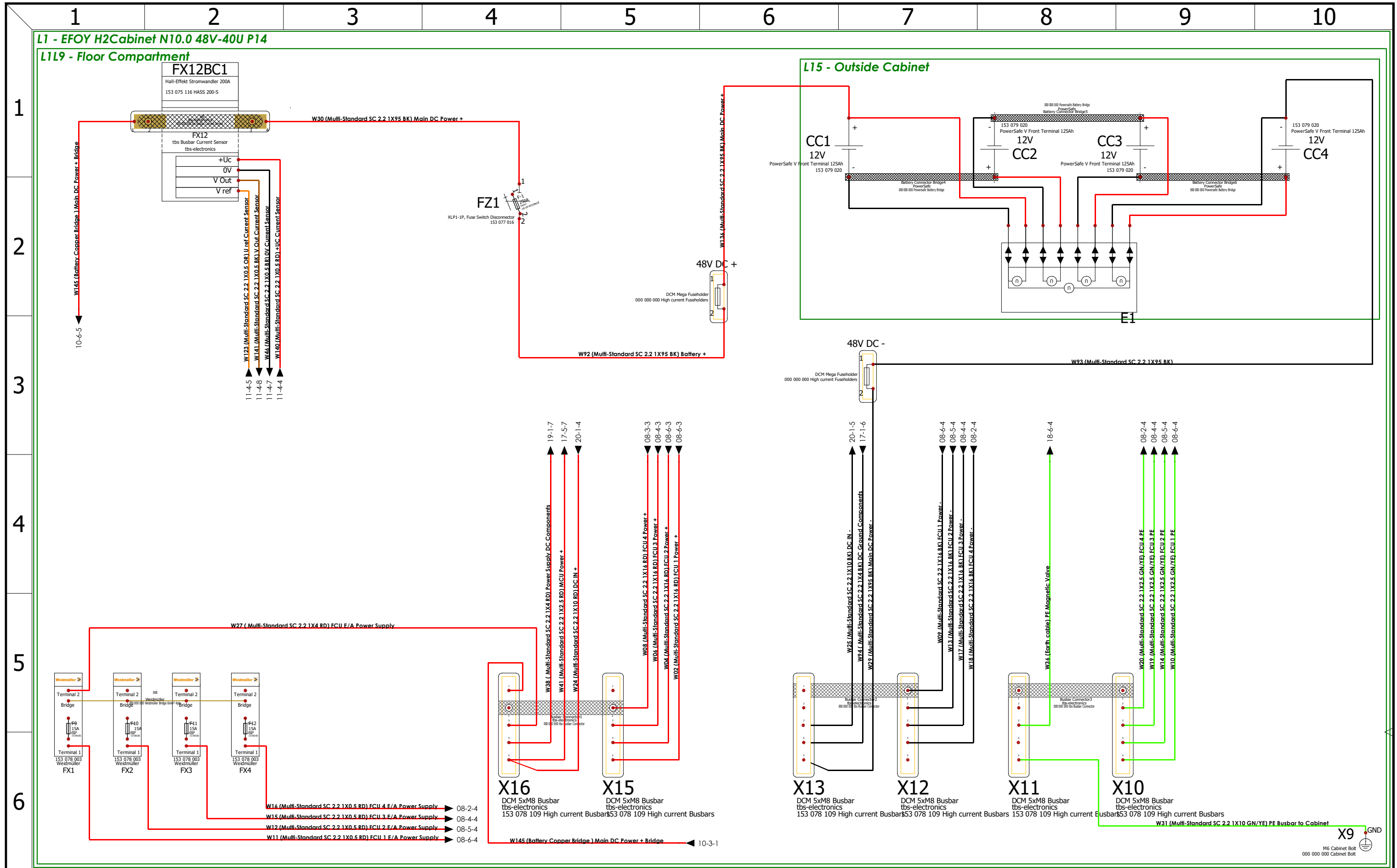
L1 - EFOY H2Cabinet N10.0 48V-40U P14
 L1L7 - EFOY Hydrogen Controller Compartment



SFC Energy
 Eugen-Saenger-Ring 7
 85649 Brunnthal / Munich
 Germany

EFOY H2Cabinet N10.0 48VDC-40U
 GreenRenPower
 14.06.2023

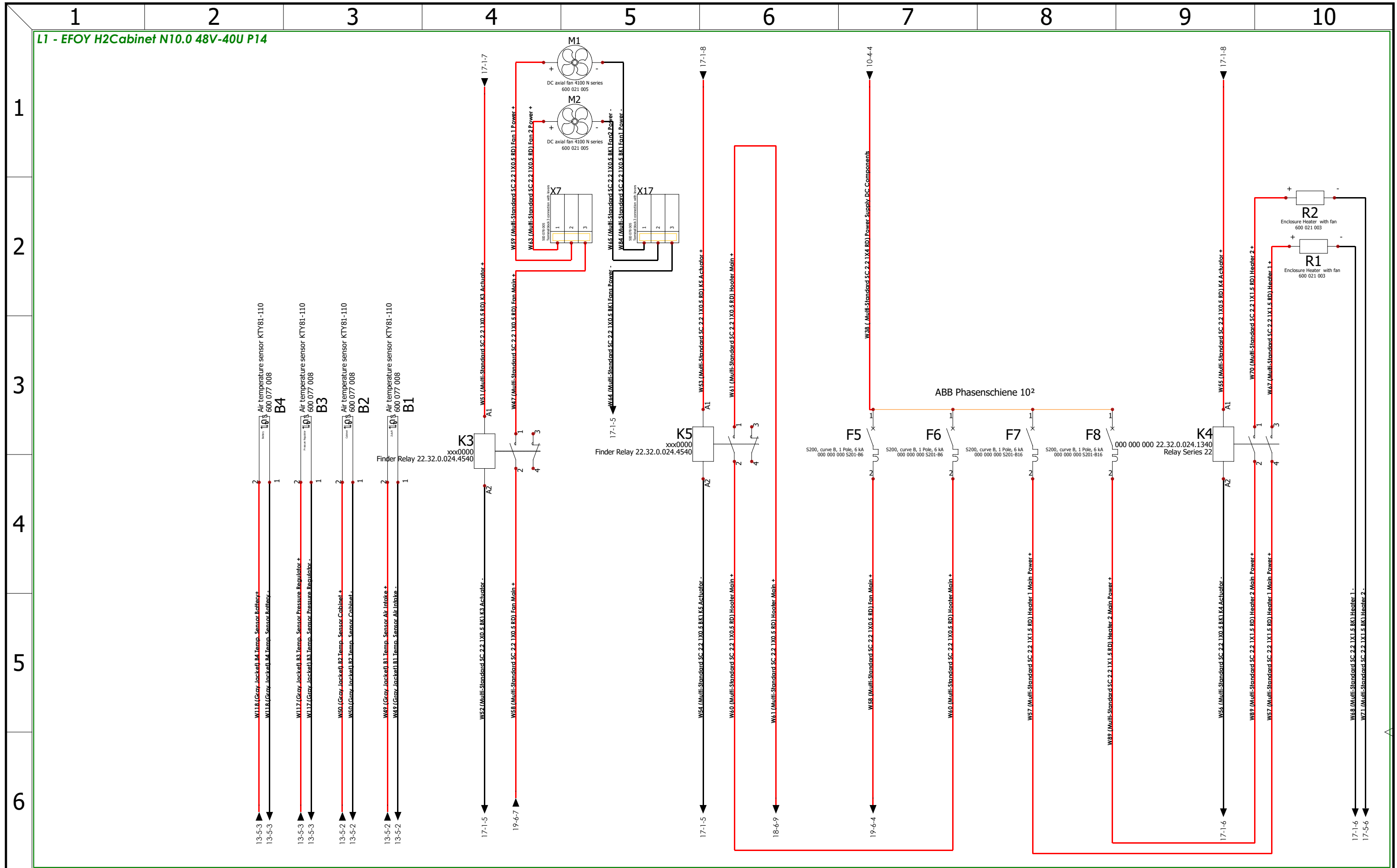
				User data 2
				0
0	14.06.2023	pankratzs	Circuit Diagram Created (First design)	User data 1
Document book			Circuit diagram HC	09



SFC Energy
 Eugen-Saenger-Ring 7
 85649 Brunthal / Munich
 Germany

EFOY H2Cabinet N10.0 48VDC-40U
 GreenRenPower
 14.06.2023

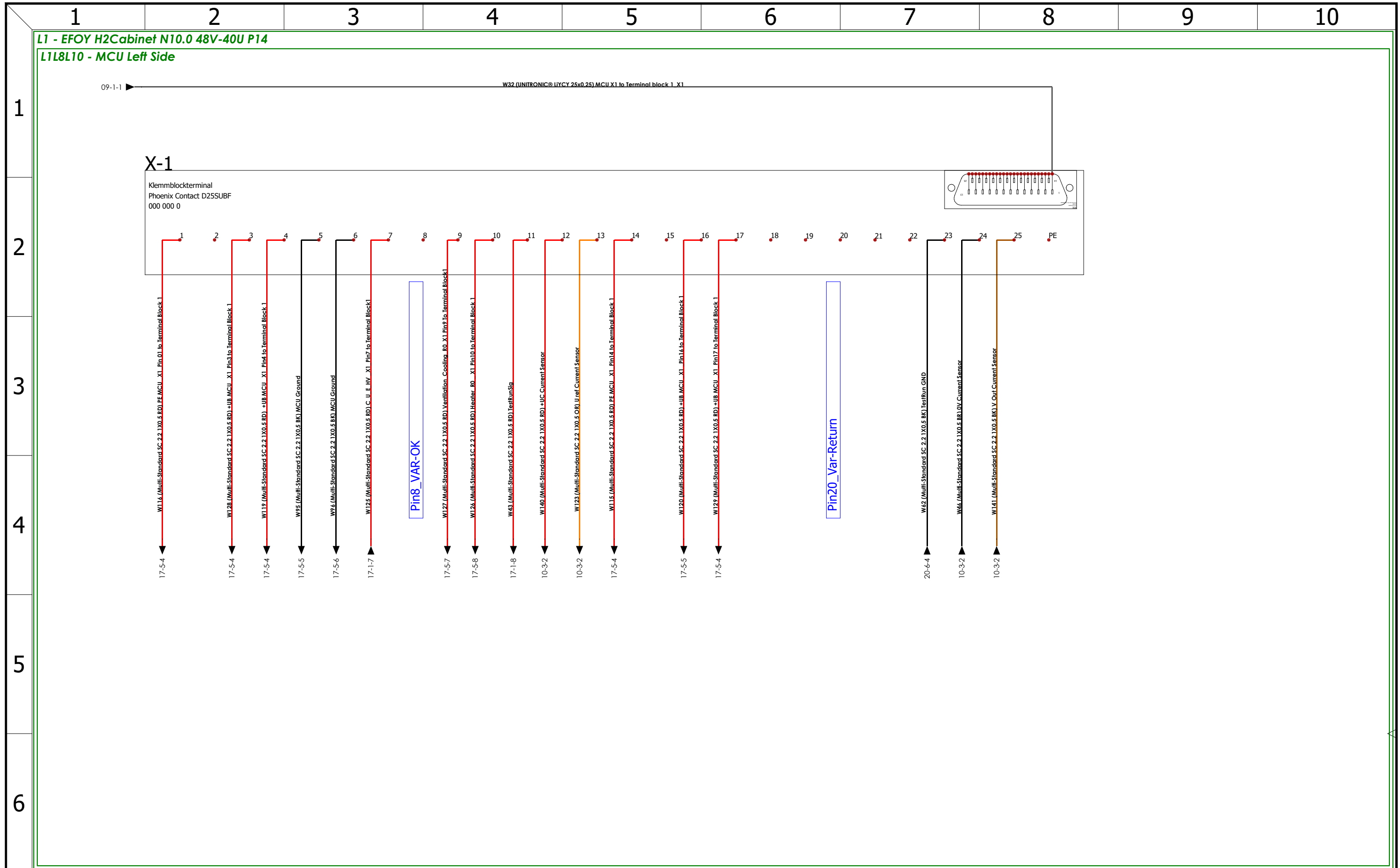
User data 2			
0			
User data 1			
0	14.06.2023	pankratzs	Circuit Diagram Created (First design)
Document book		Circuit diagram DC Power distribution	
10			



SFC Energy
Eugen-Saenger-Ring 7
85649 Brunthal / Munich
Germany

EFOY H2Cabinet N10.0 48VDC-40U
GreenRenPower
14.06.2023

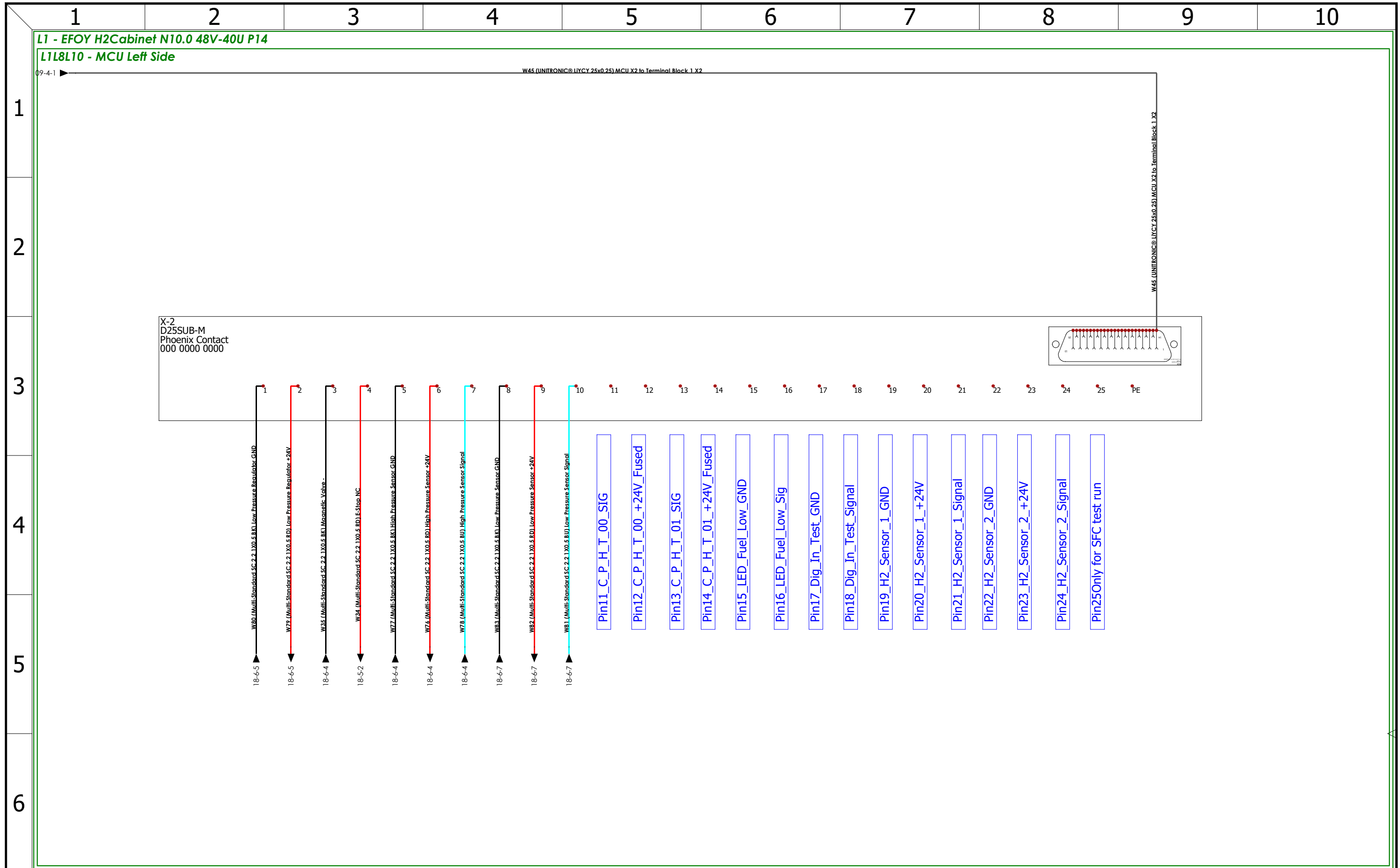
				User data 2
				0
0	14.06.2023	pankratzs	Circuit Diagram Created (First design)	User data 1
Document book			Circuit diagram climate control	19



SFC Energy
 Eugen-Saenger-Ring 7
 85649 Brunnthal / Munich
 Germany

EFOY H2Cabinet N10.0 48VDC-40U
 GreenRenPower
 14.06.2023

				User data 2
				0
				User data 1
0	14.06.2023	pankratzs	Circuit Diagram Created (First design)	11
Document book			Circuit diagram HC Signal distribution	



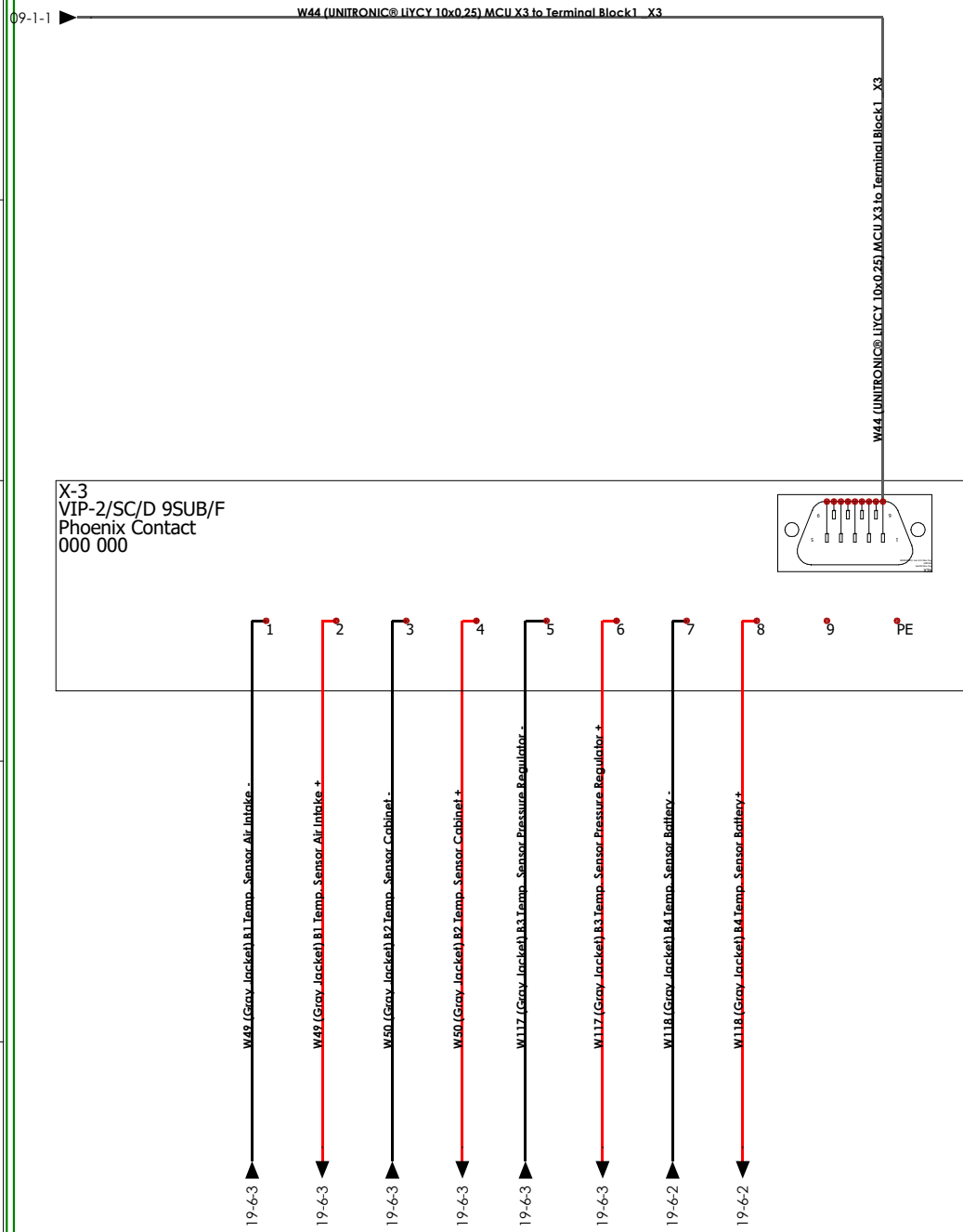
SFC Energy
 Eugen-Saenger-Ring 7
 85649 Brunnthal / Munich
 Germany

EFOY H2Cabinet N10.0 48VDC-40U
 GreenRenPower
 14.06.2023

				User data 2
				0
				User data 1
0	14.06.2023	pankratzs		12
Document book			Circuit diagram HC Signal distribution	

L1 - EFOY H2Cabinet N10.0 48V-40U P14

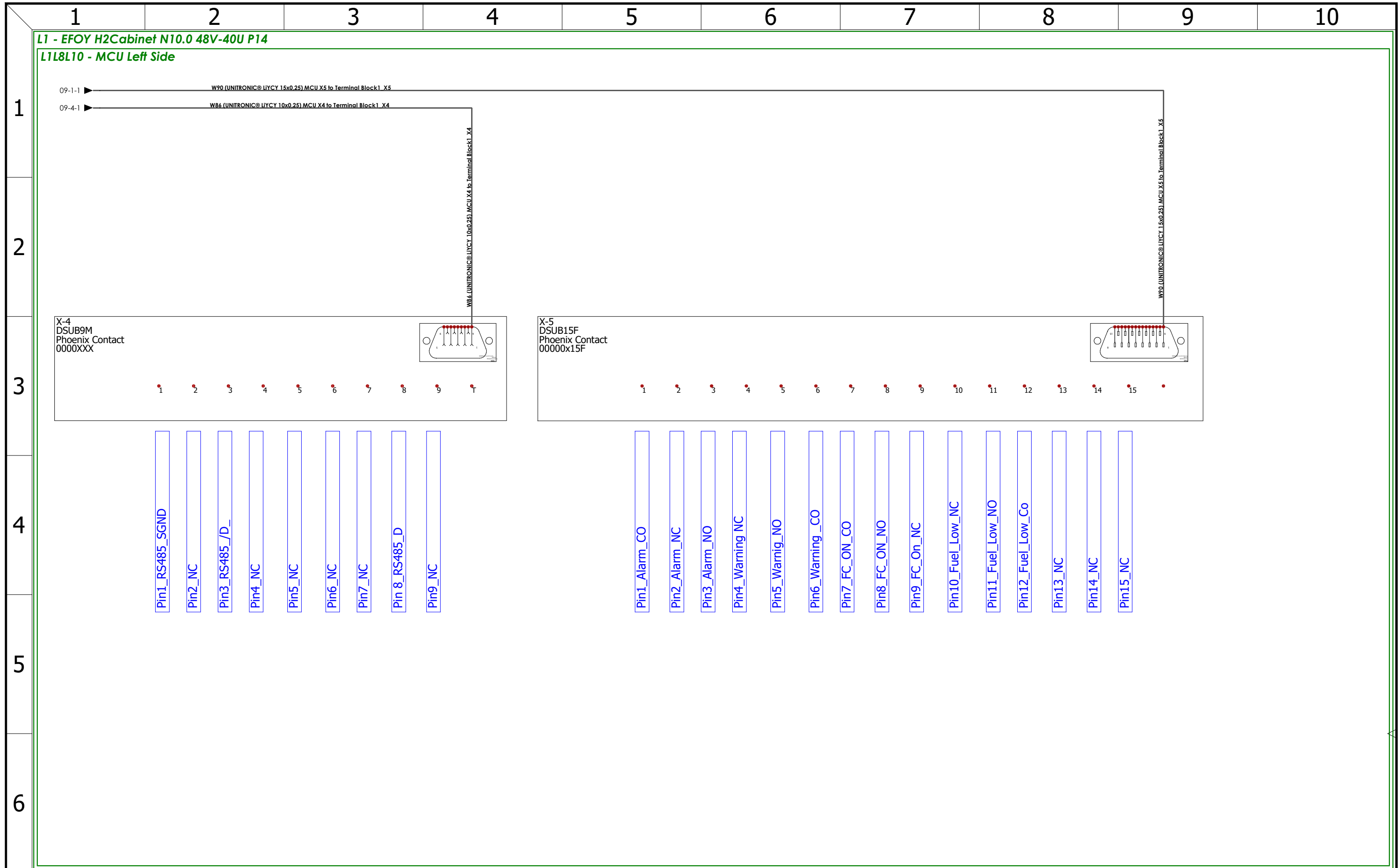
L1L8L10 - MCU Left Side



SFC Energy
Eugen-Saenger-Ring 7
85649 Brunnthal / Munich
Germany

EFOY H2Cabinet N10.0 48VDC-40U
GreenRenPower
14.06.2023

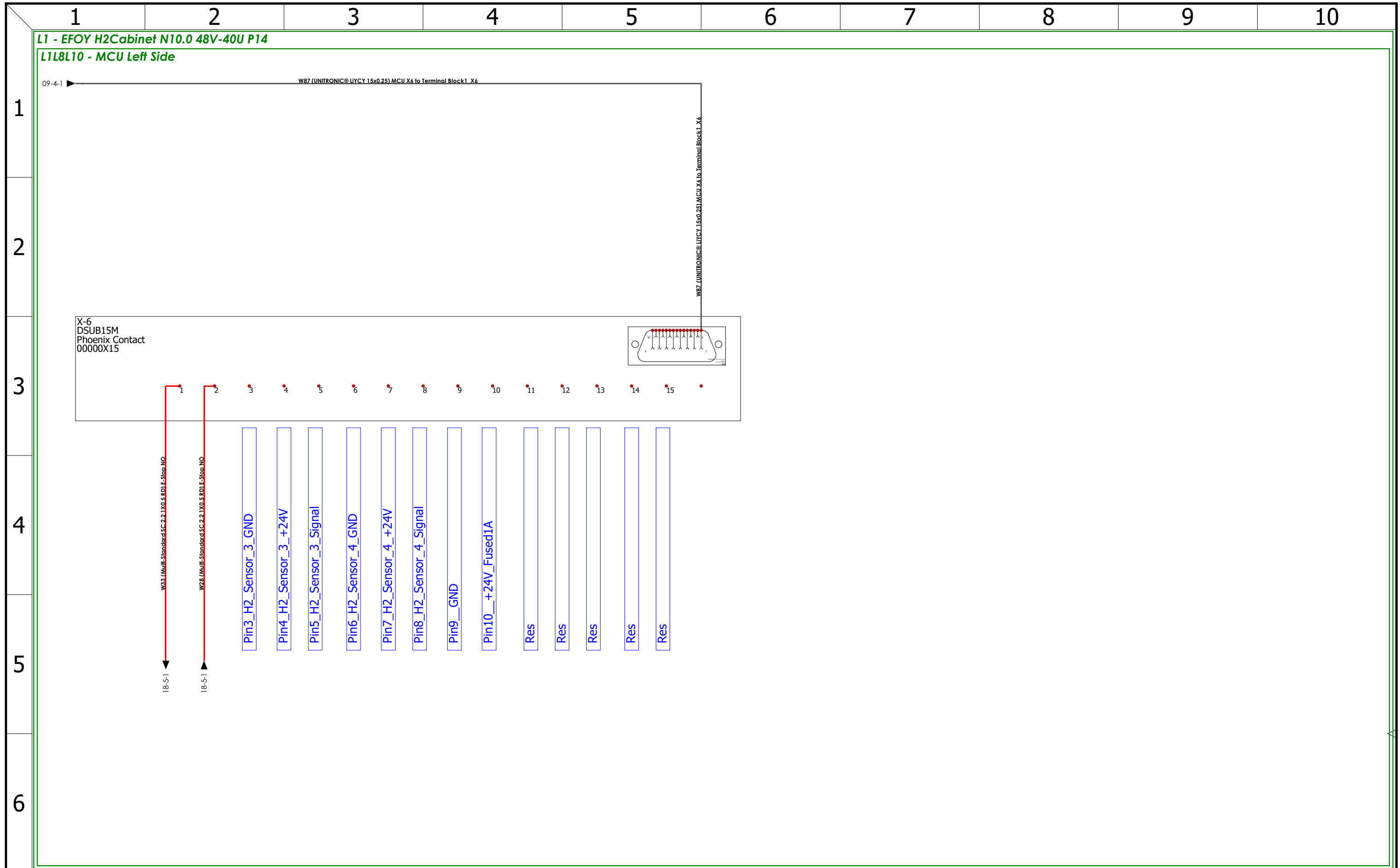
				User data 2
				0
0	14.06.2023	pankratzs	Circuit Diagram Created (First design)	User data 1
Document book			Circuit diagram HC Signal distribution	13



SFC Energy
 Eugen-Saenger-Ring 7
 85649 Brunnthal / Munich
 Germany

EFOY H2Cabinet N10.0 48VDC-40U
 GreenRenPower
 14.06.2023

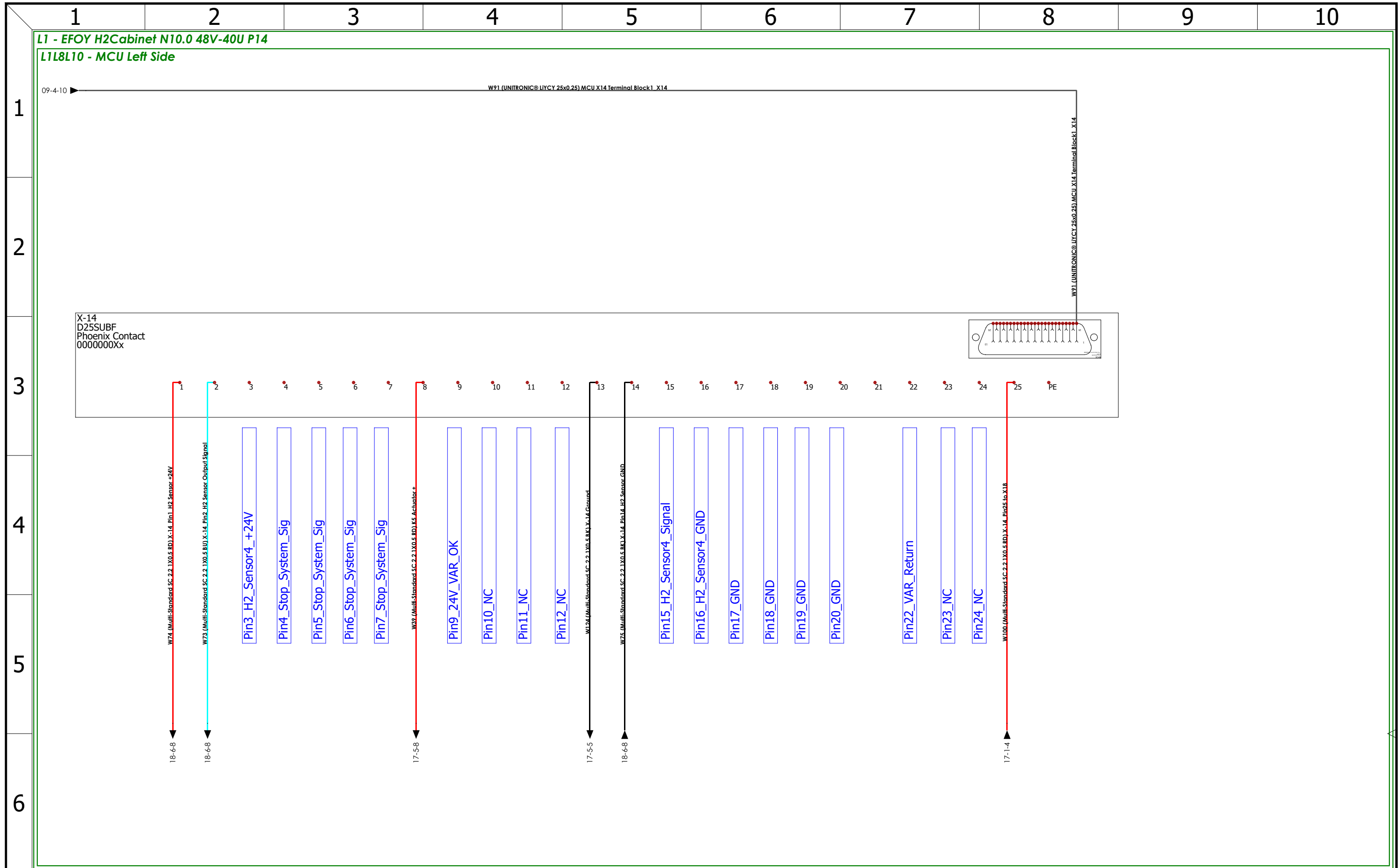
				User data 2
				0
0	14.06.2023	pankratzs	Circuit Diagram Created (First design)	User data 1
Document book			Circuit diagram HC Signal distribution	14



SFC Energy
 Eugen-Saenger-Ring 7
 85649 Brunnthal / Munich
 Germany

EFOY H2Cabinet N10.0 48VDC-40U
 GreenRenPower
 14.06.2023

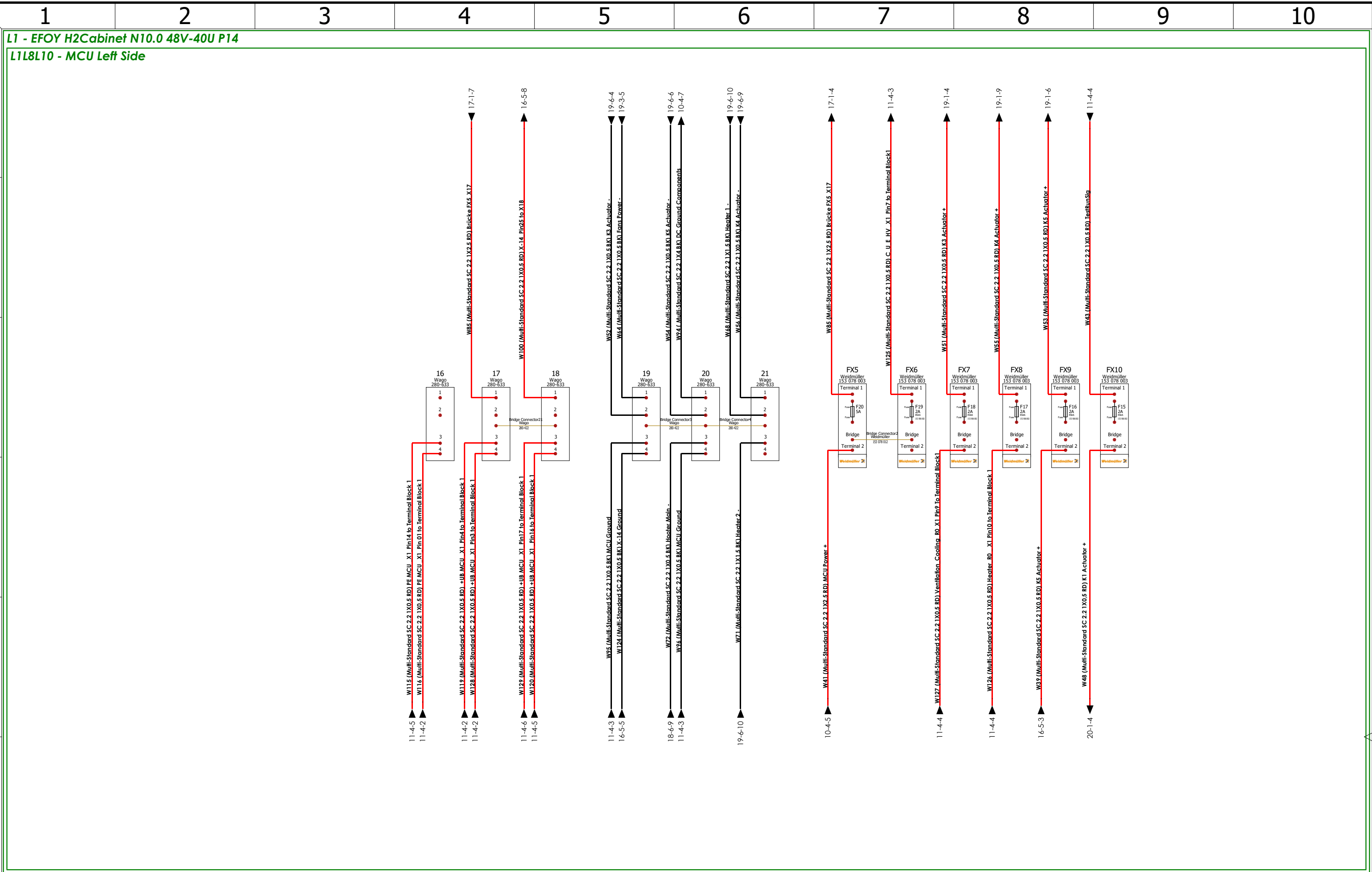
				User data 2
				0
				User data 1
0	14.06.2023	pankratzs		15
Document book			Circuit diagram HC Signal distribution	



SFC Energy
 Eugen-Saenger-Ring 7
 85649 Brunnthal / Munich
 Germany

EFOY H2Cabinet N10.0 48VDC-40U
 GreenRenPower
 14.06.2023

				User data 2
				0
				User data 1
0	14.06.2023	pankratzs		16
Document book			Circuit diagram HC Signal distribution	



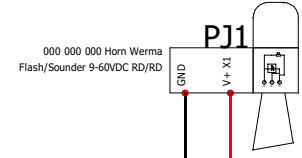
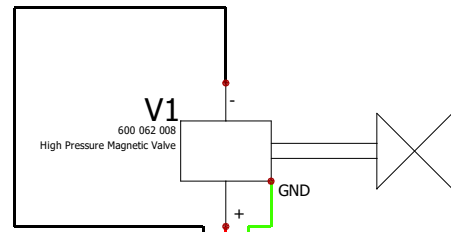
SFC Energy
 Eugen-Saenger-Ring 7
 85649 Brunntal / Munich
 Germany

EFOY H2Cabinet N10.0 48VDC-40U
 GreenRenPower
 14.06.2023

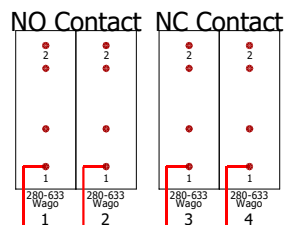
				User data 2
				0
				User data 1
0	14.06.2023	pankratzs		17
Document book			Circuit diagram HC Signal distribution	

L11 - Outside Cabinet

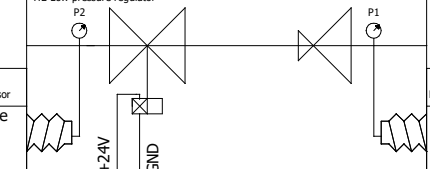
L1 - EFOY H2Cabinet N10.0 48V-40U P14



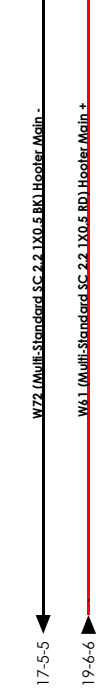
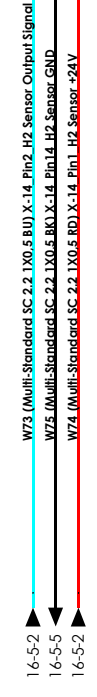
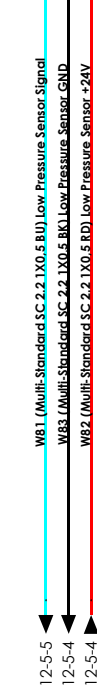
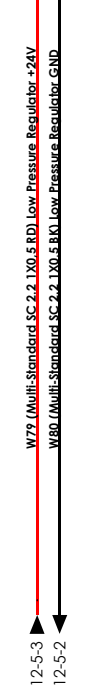
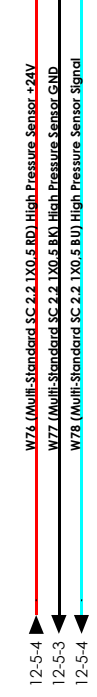
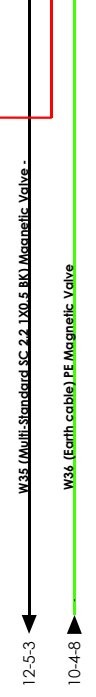
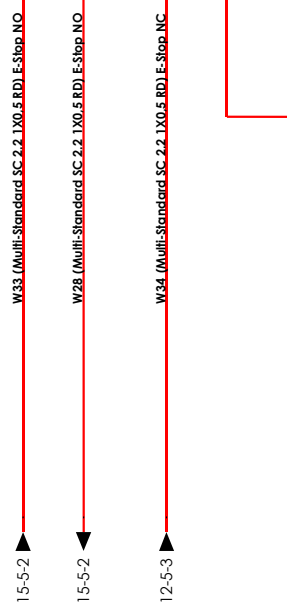
E-Stop



QN1



B7



SFC Energy
Eugen-Saenger-Ring 7
85649 Brunthal / Munich
Germany

EFOY H2Cabinet N10.0 48VDC-40U
GreenRenPower
14.06.2023

0	14.06.2023	pankratzs	Circuit Diagram Created (First design)
Document book			Circuit diagram H2 Components

User data 2
0
User data 1
18