

## Shahab Induction Group

Phone (+98)26-37773033

Company / customer	
Project description	WELDER_200KW
Job number	Sha_002
Commission	Shahab Group
Project name	Shahab_Project2
Responsible for project	
Manufacturing date	
Type	
Place of installation	
Power supply	
Input lead	
Control voltage	
Special customer regulations	

**WELDER\_200KW**

Created on	10/18/2019	by (short name)	NIMA	Number of pages	52
Edit date	12/14/2019				

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Date : 10/18/2019	PROJECT DESCRIPTION : WELDER_200KW	CONTRACTOR :	DESIGN BY : NIMA	= TITLE	SHAHAB Induction ©.	PAGE : 1
Revision :	PAGE DESCRIPTION :	CONSULTANT :	CHECKED BY :	+		PAGES : 1 / 52
COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE : Engineer	APPROVED BY:	Shahab_Project2		

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=TITLE+Table_Of_Contents/3	Table of contents : =REPORTS+Device_Tag_List/34 - =REPORTS+Terminal_Diagram/43		10/29/2019	NIMA	
=Welder+L1_L11/4	Input Power Section 1		10/29/2019	NIMA	
=Welder+L1_L11/5	Input Power Section 2		10/29/2019	NIMA	
=Welder+L1_L11/6	COMMAND SECTION 1		10/29/2019	NIMA	
=Welder+L1_L11/7	POWER SUPPLY A		10/29/2019	NIMA	
=Welder+L1_L11/8	RECTIFIER SECTION		10/29/2019	NIMA	
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=Welder+L1_L11/10	PLC FBS-24MC		10/29/2019	NIMA	
=Welder+L1_L11/11	PLC FBS-16RTD		10/29/2019	NIMA	
=Welder+L1_L11/12	PLC INPUT AND ANALOG MODULE		10/29/2019	NIMA	
=Welder+L1_L11/13	TERMINAL X1		10/29/2019	NIMA	
=Welder+L1_L12/14	POWER SUPPLY B		10/29/2019	NIMA	
=Welder+L1_L12/15	MOTHERBOARD		10/29/2019	NIMA	
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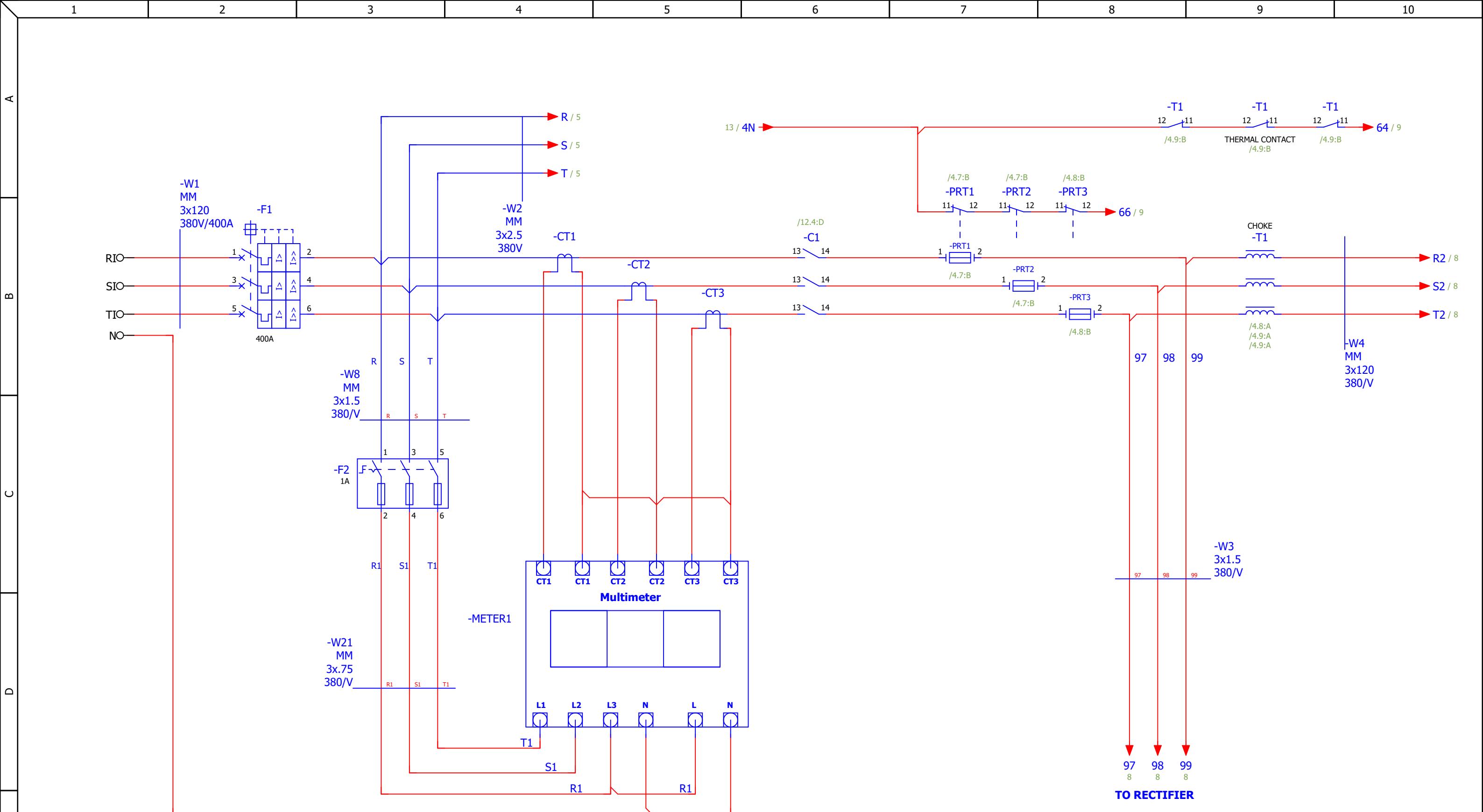
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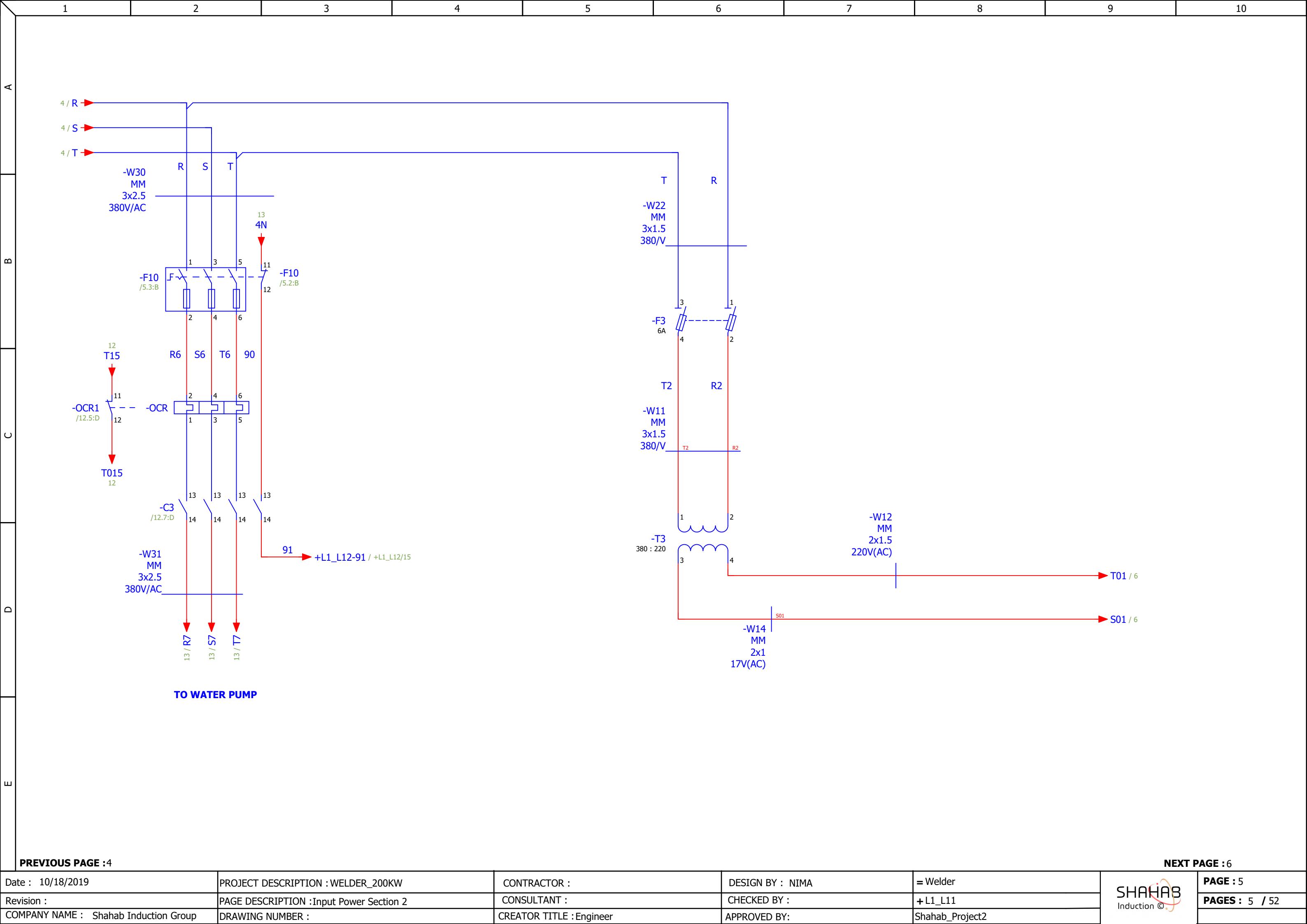
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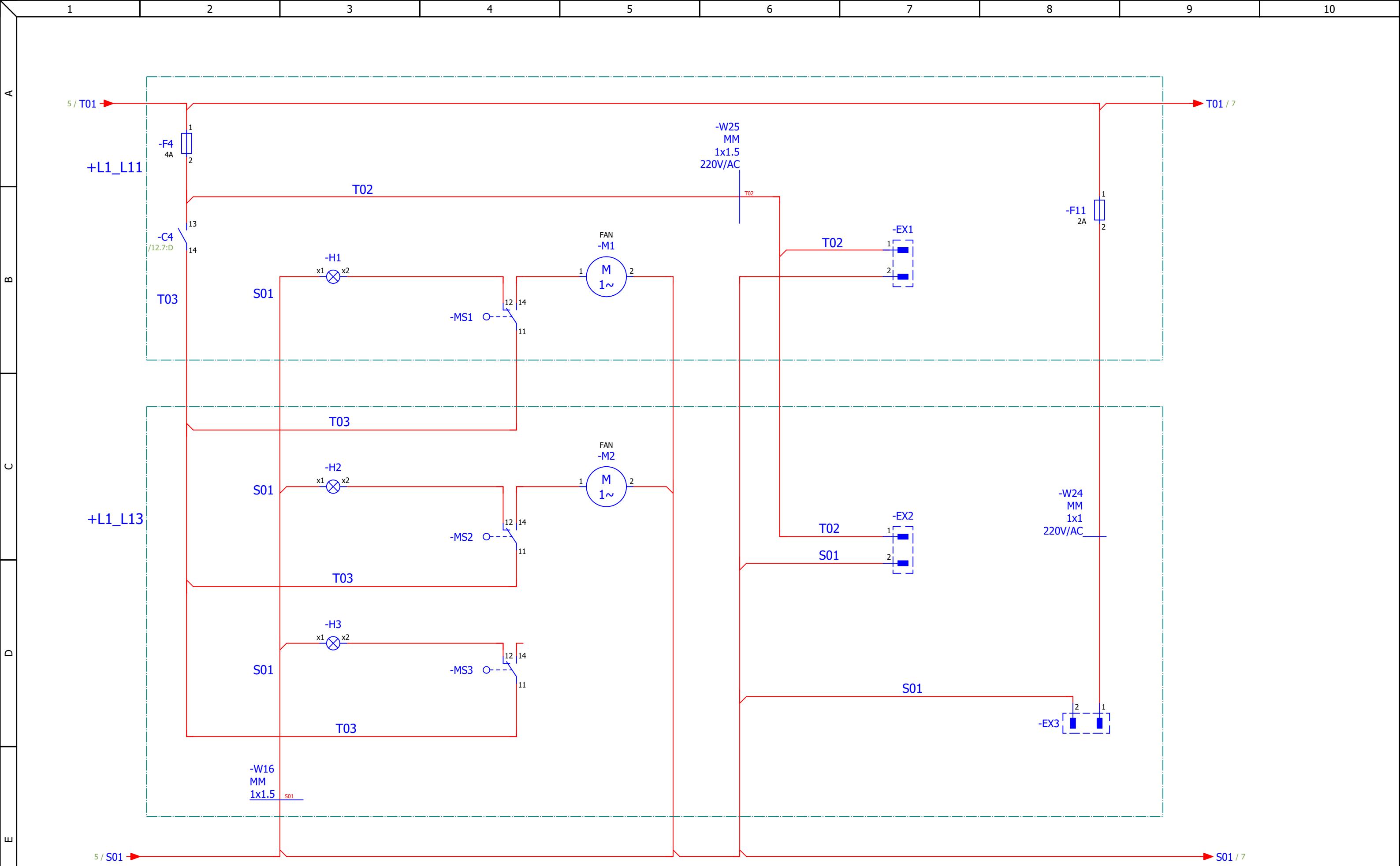
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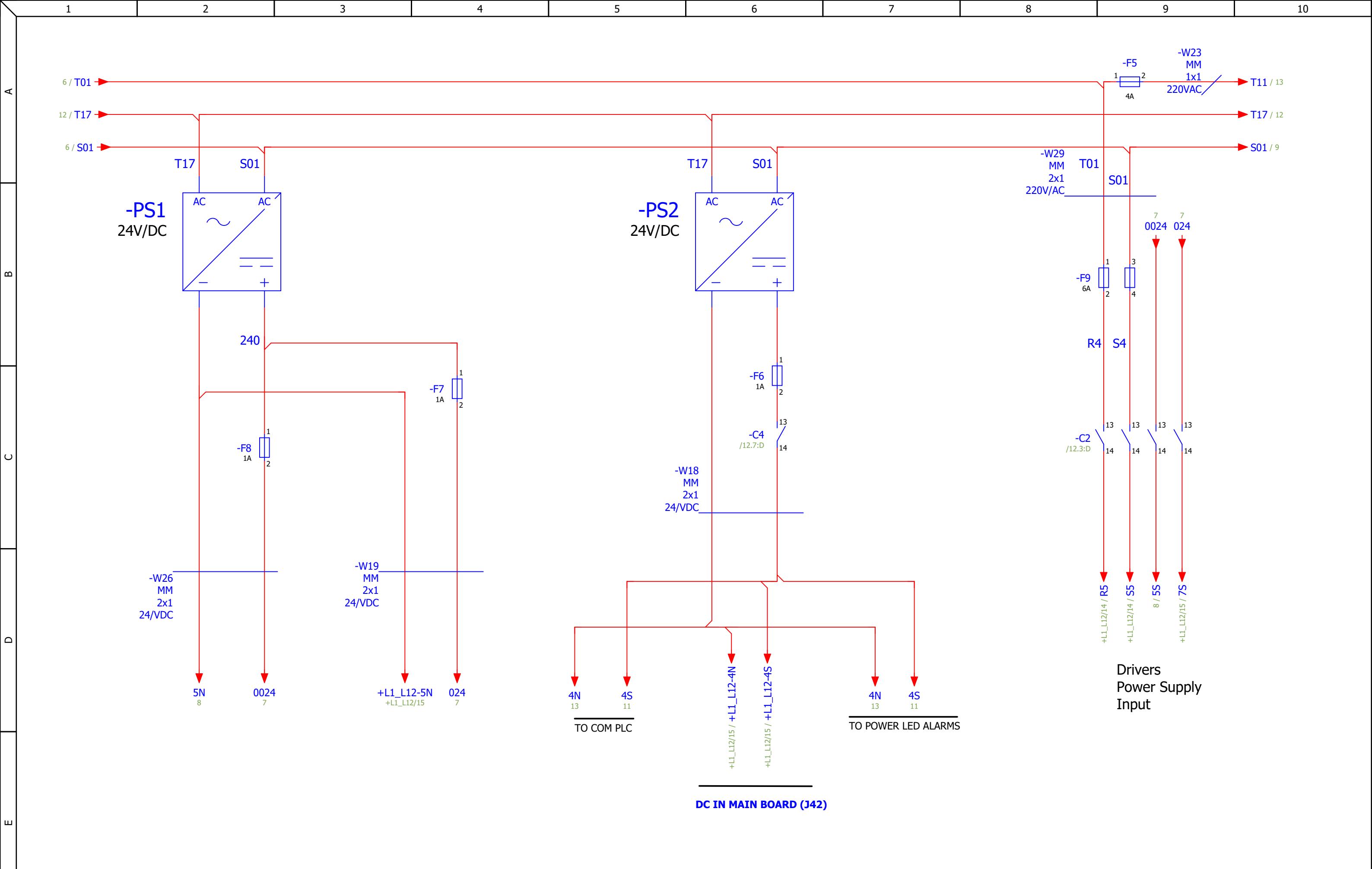




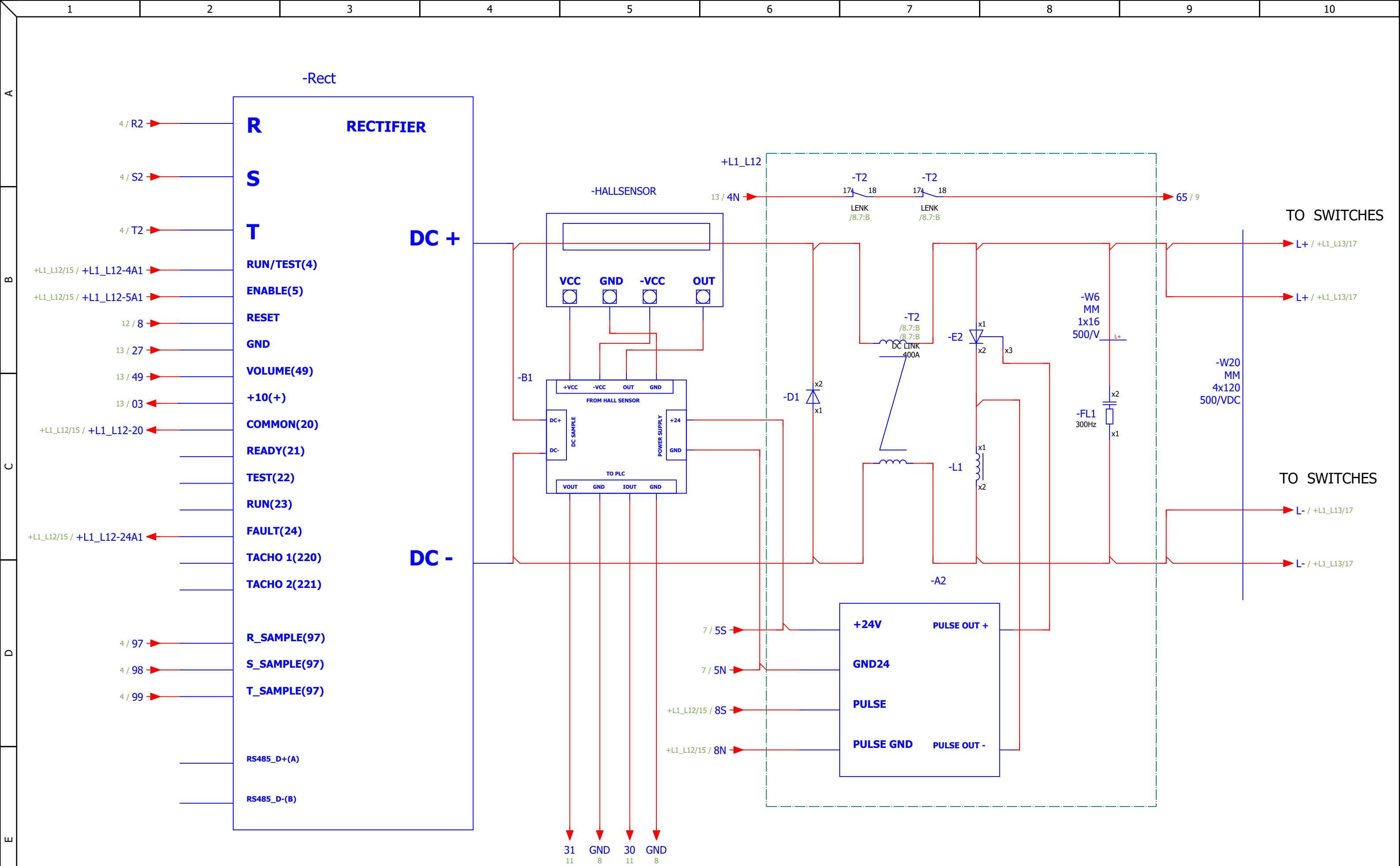
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COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE : Engineer	APPROVED BY:	Shahab_Project2		



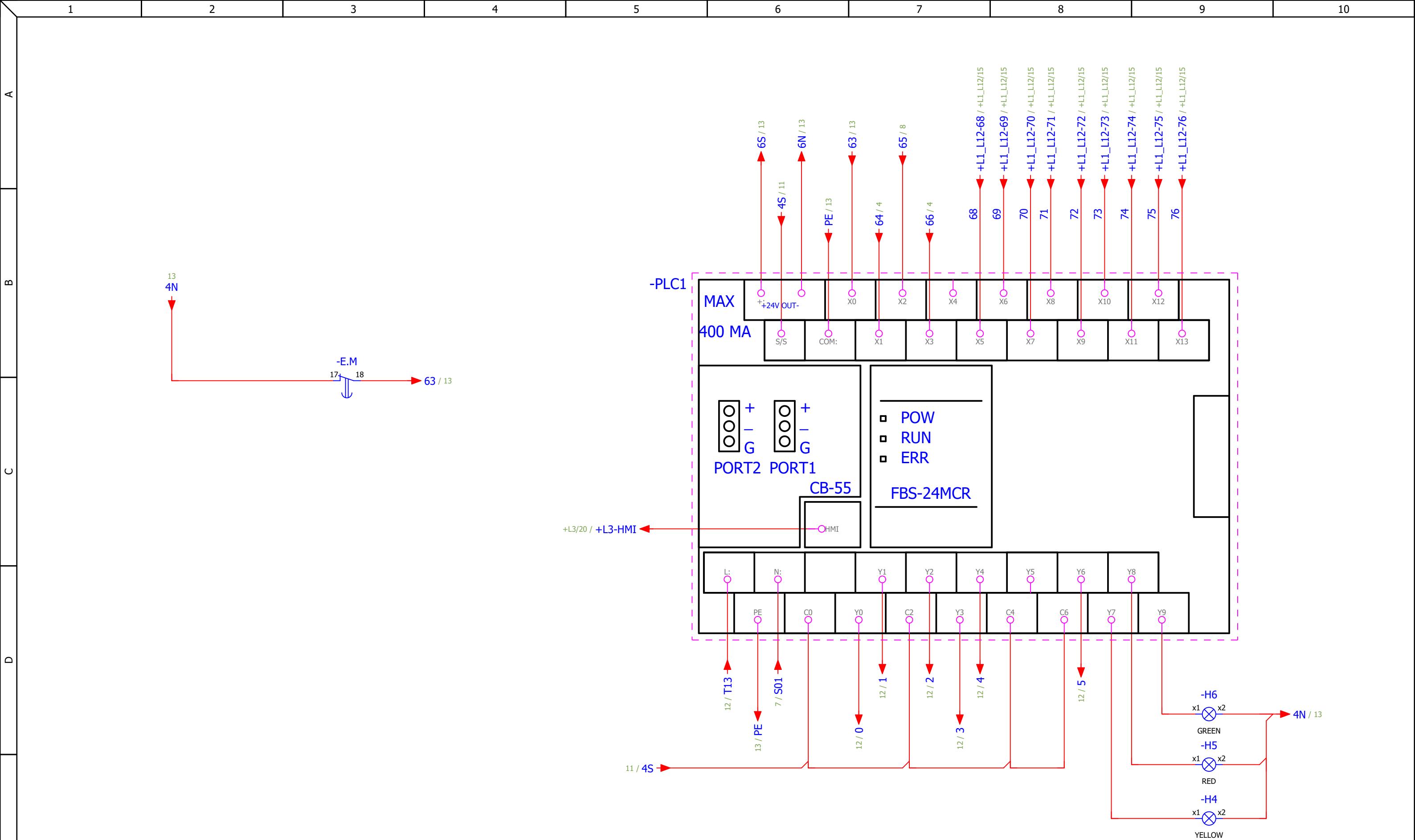
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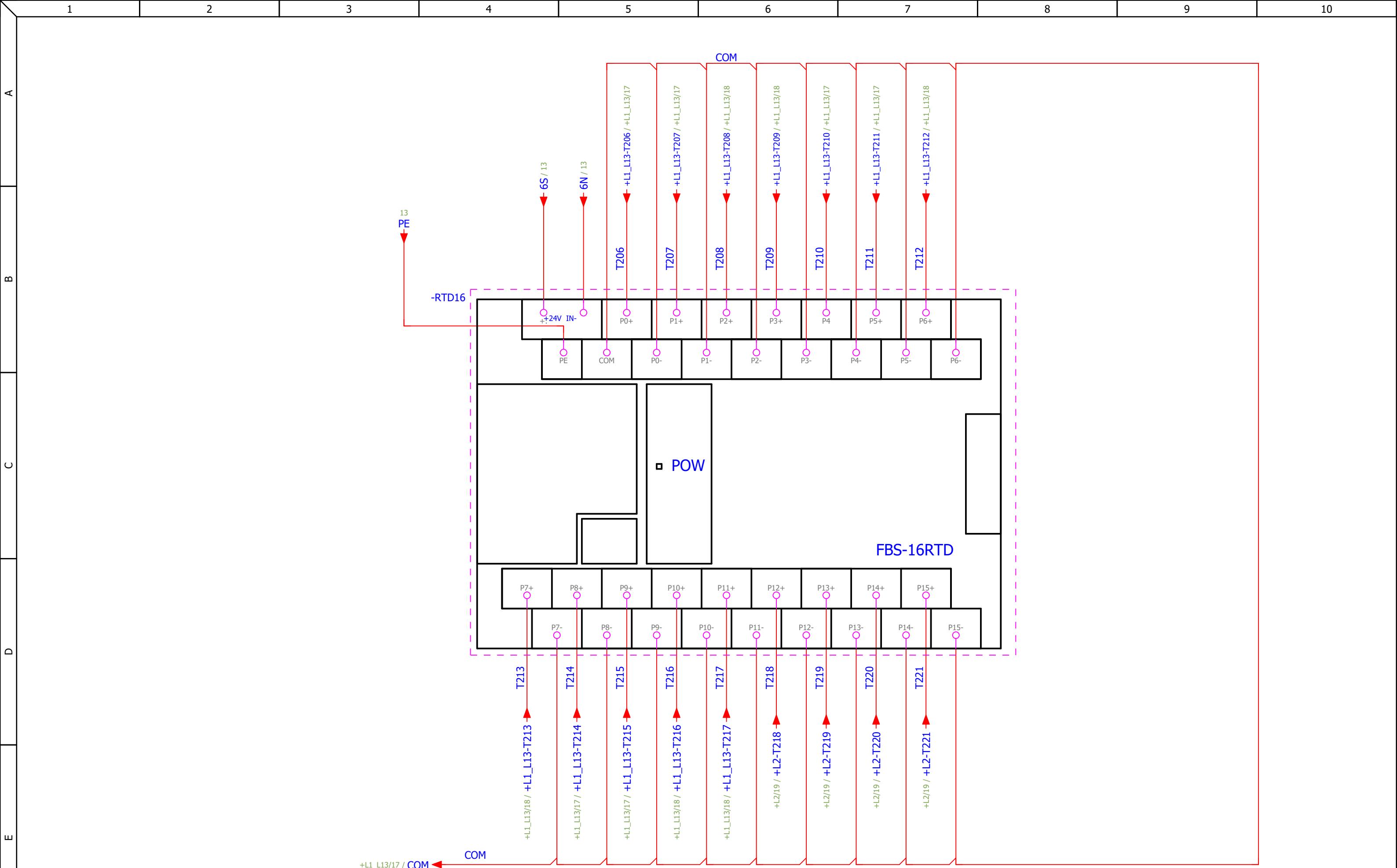
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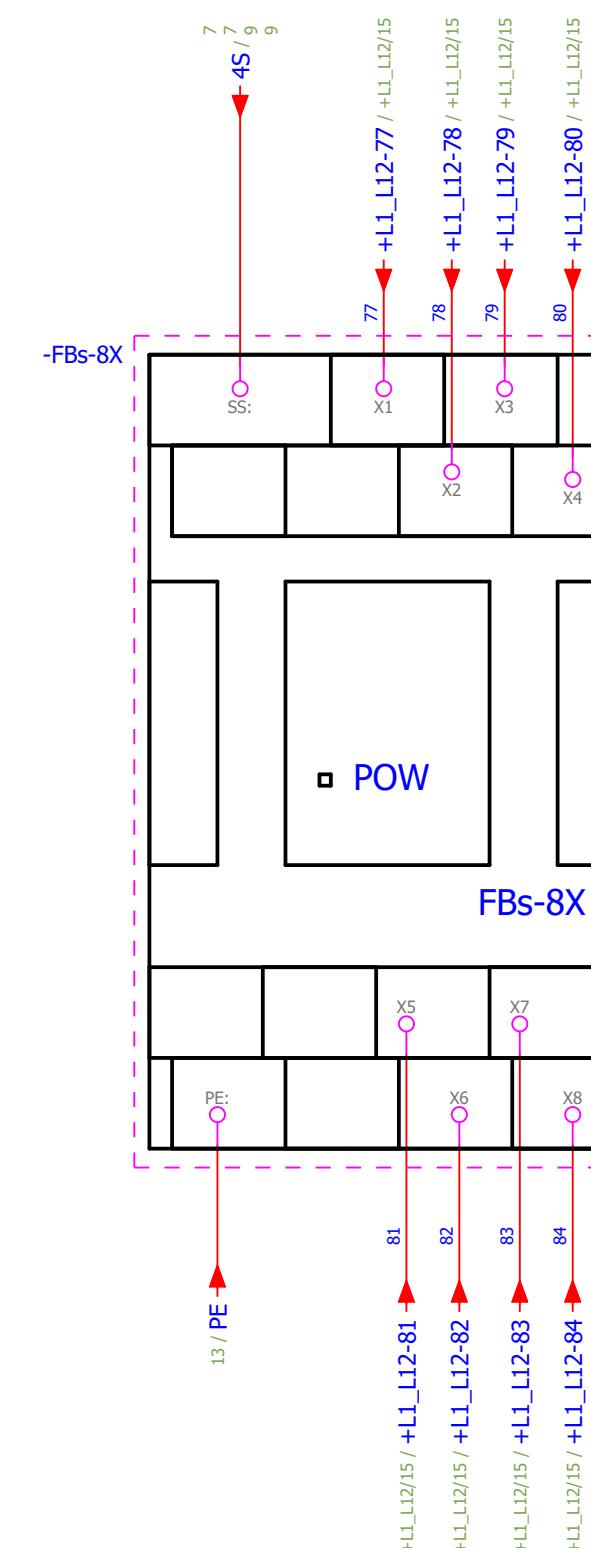
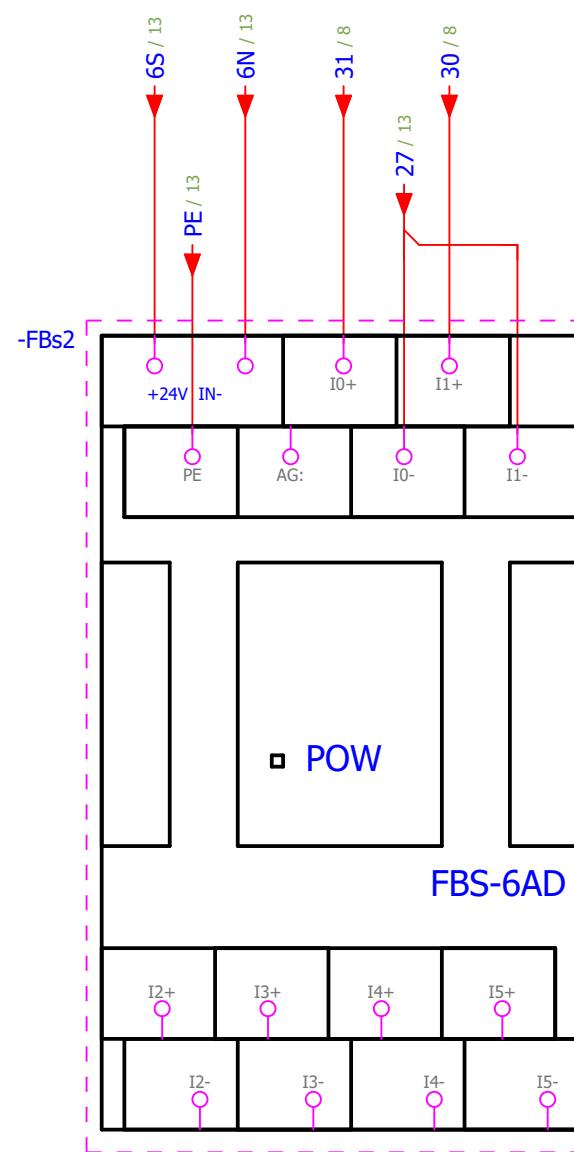


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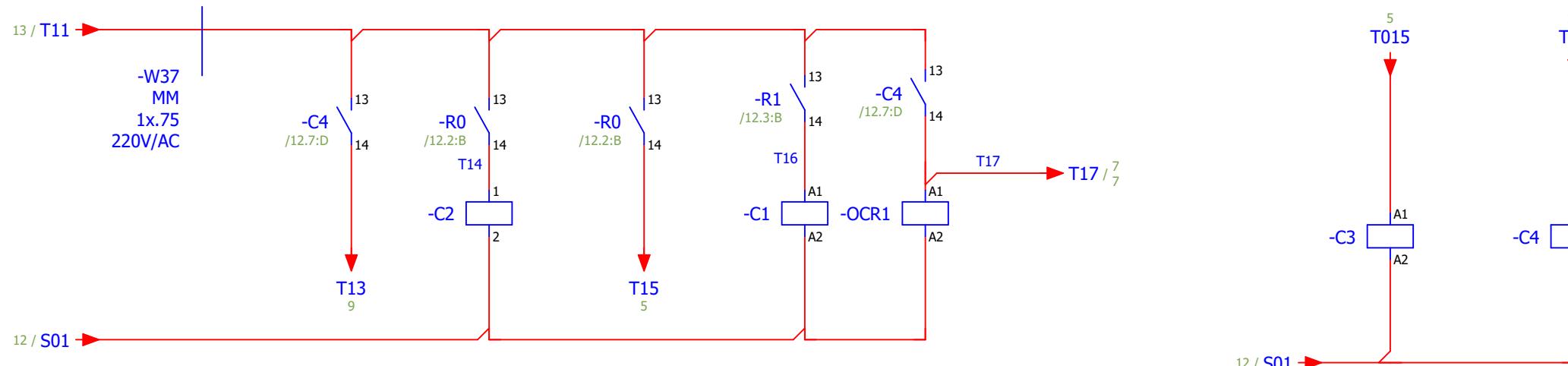
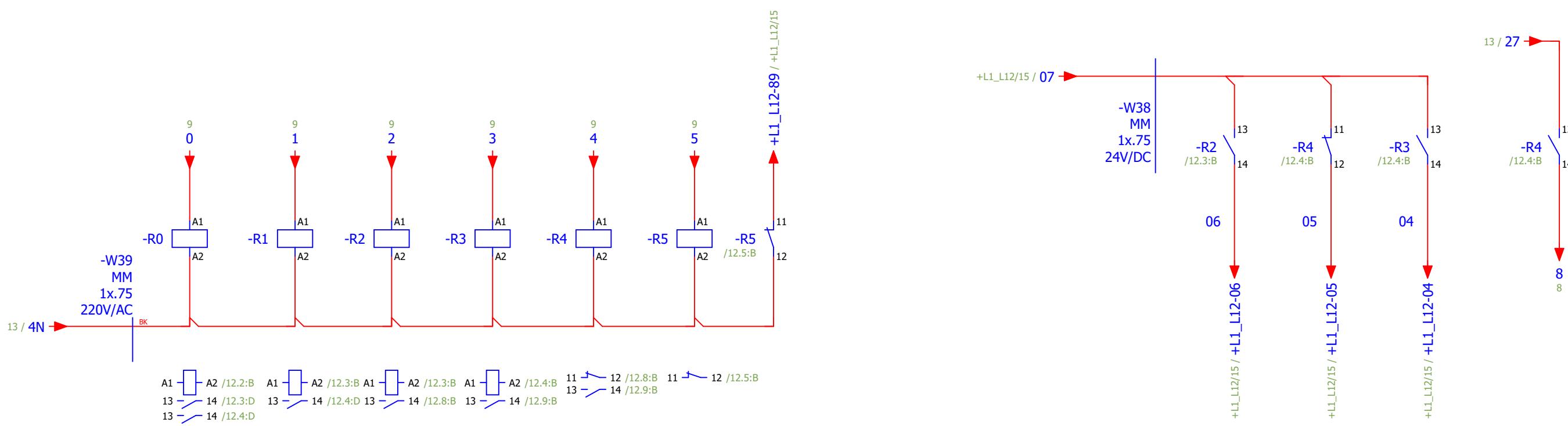
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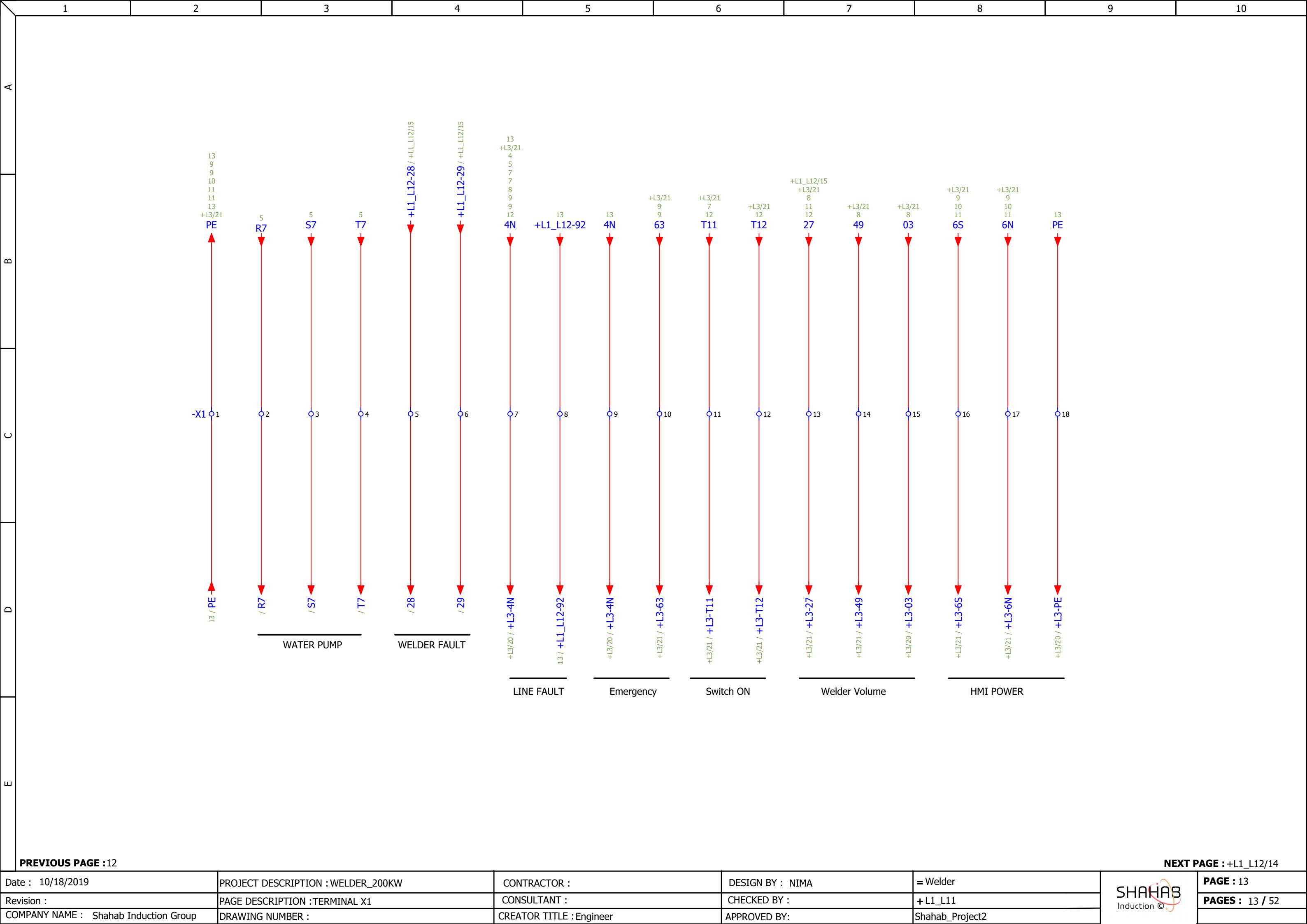
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COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE :Engineer	APPROVED BY:	Shahab_Project2	

A  
B  
C  
D  
E

13 / 14 /7.9:C  
13 / 14 /7.9:C  
13 / 14 /7.9:C  
13 / 14 /7.9:C

A1 / 12.4:D A1 / 12.5:D  
13 / 14 /4.6:B 11 / 12 /5.1:C  
13 / 14 /4.6:B  
13 / 14 /4.6:B

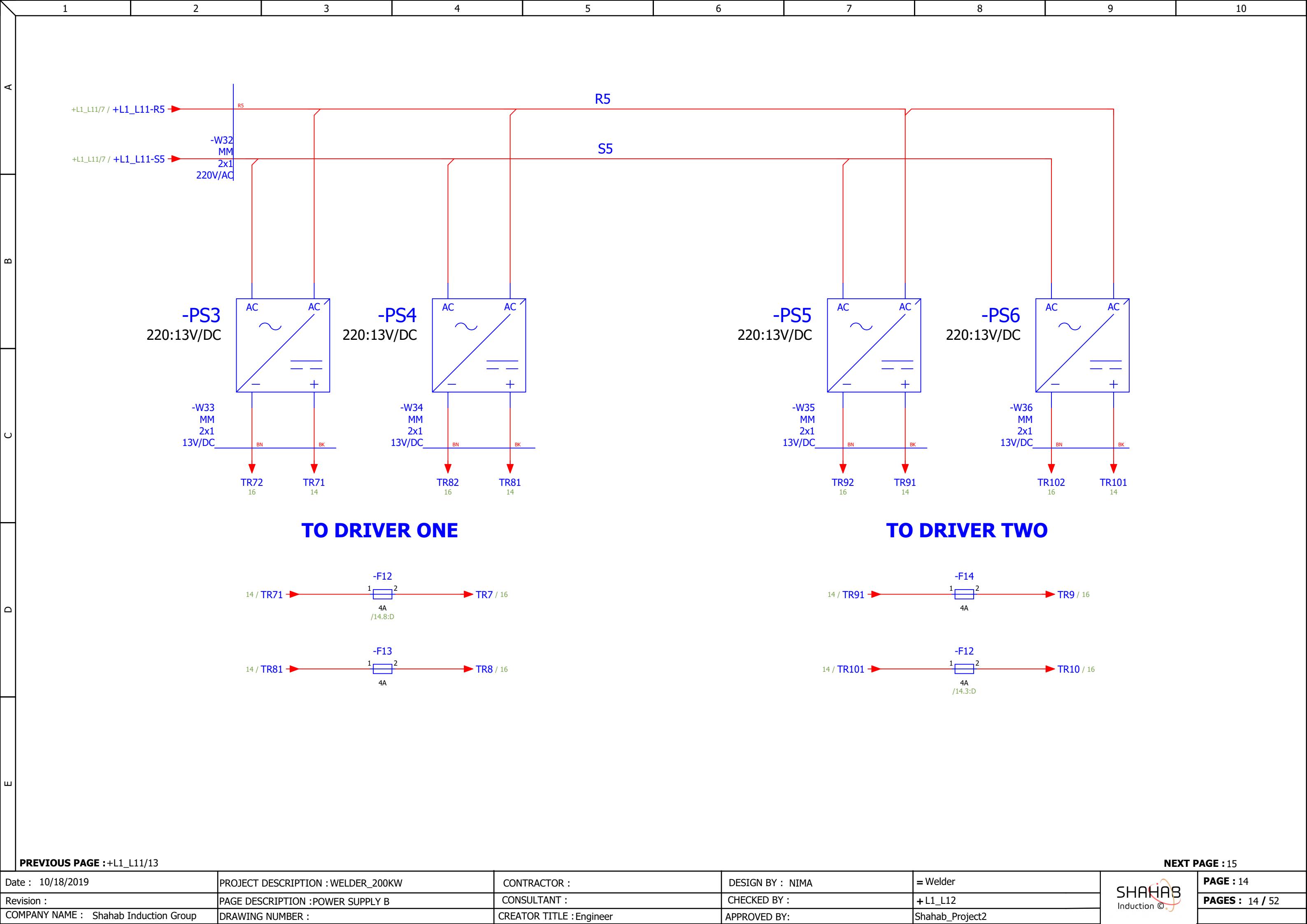
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13 / 14 /5.3:C	13 / 14 /12.5:D

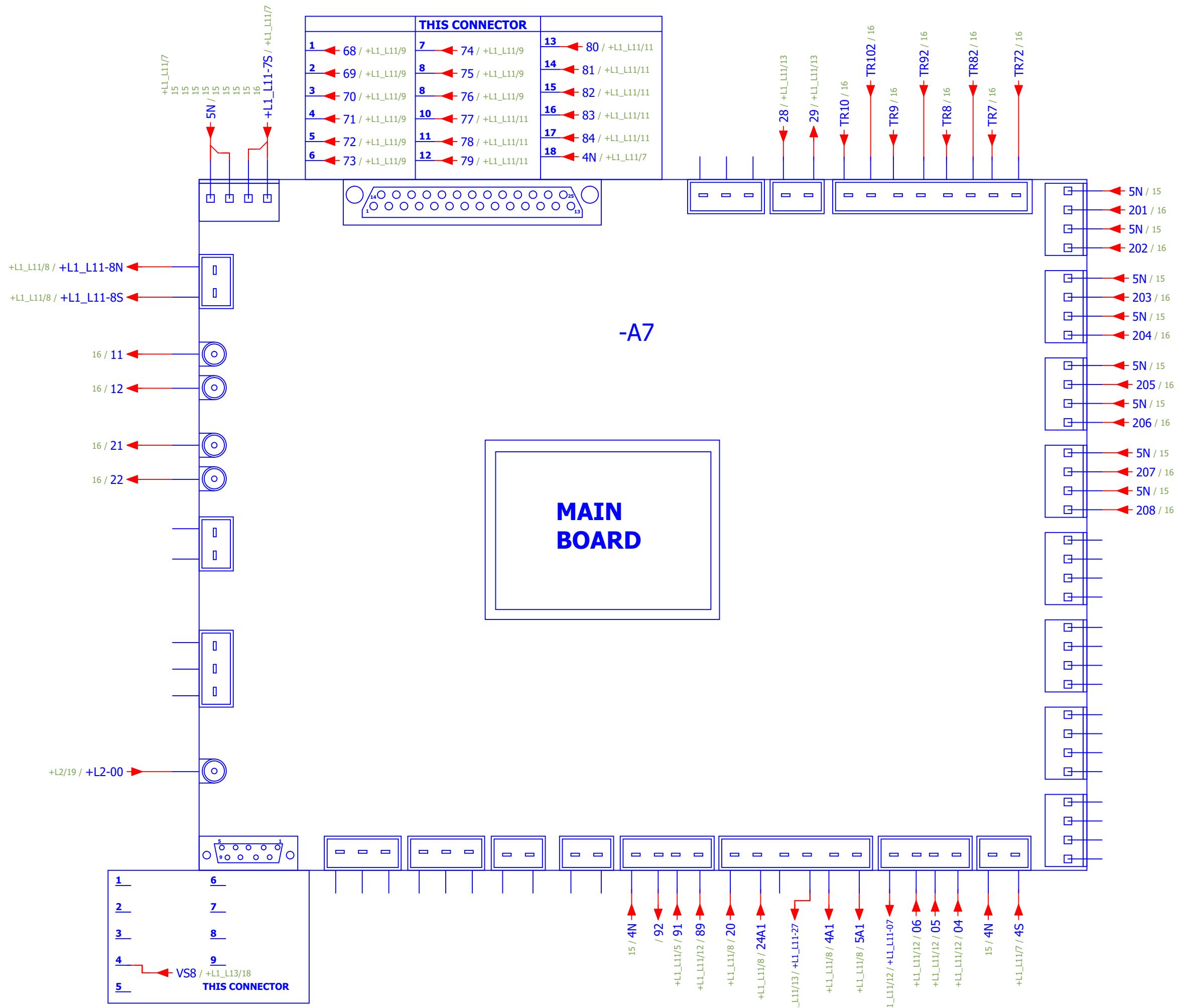


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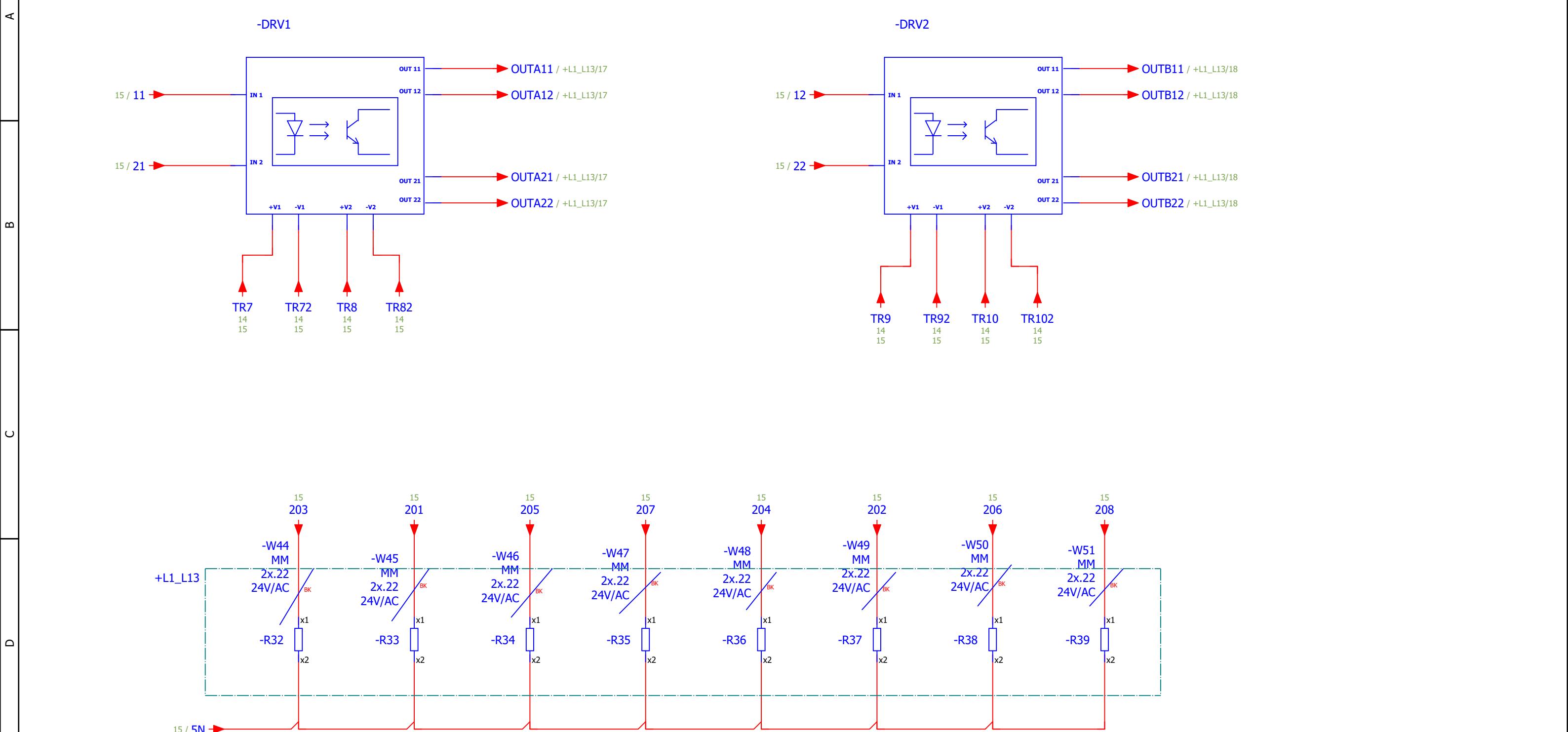




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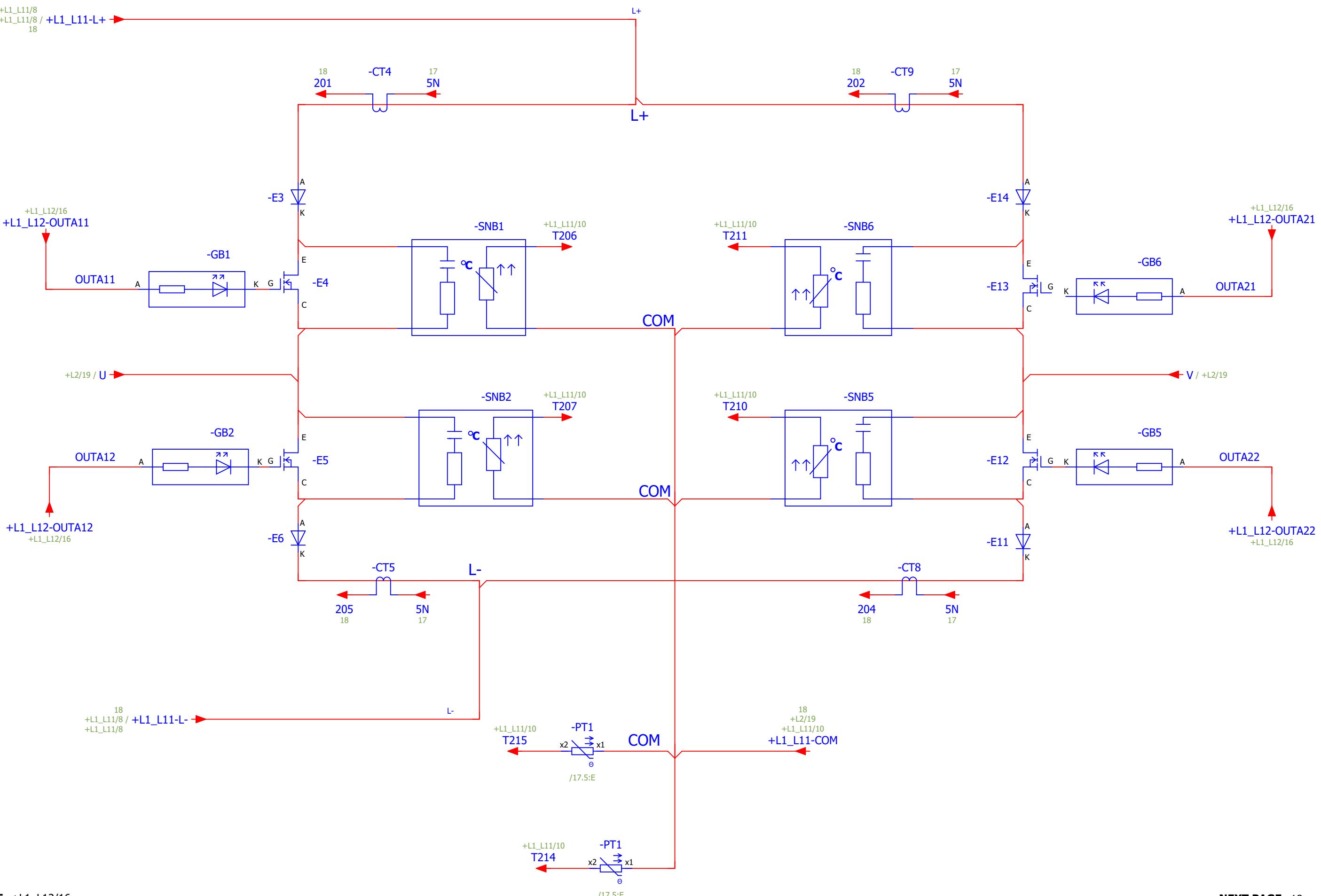
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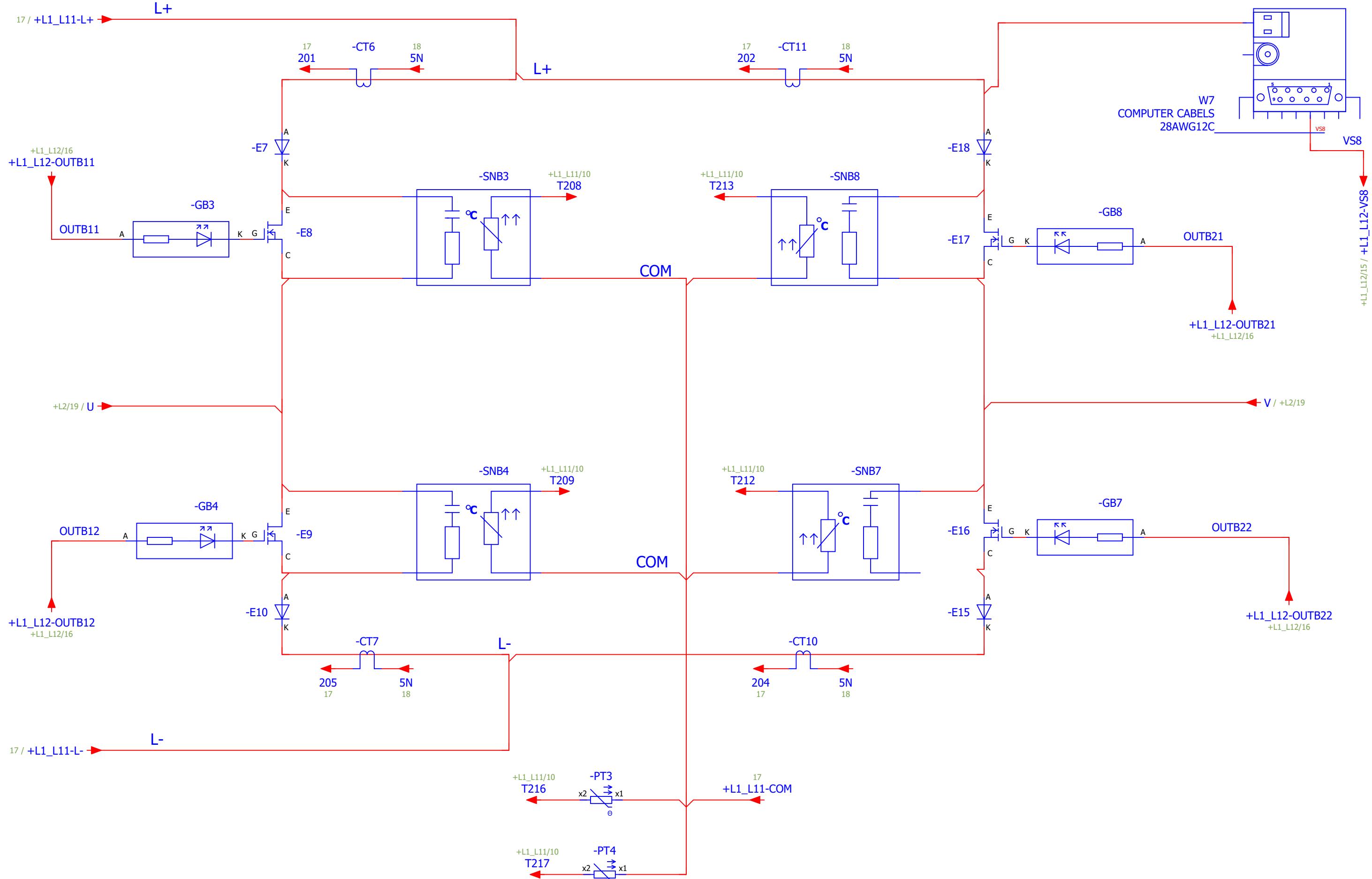
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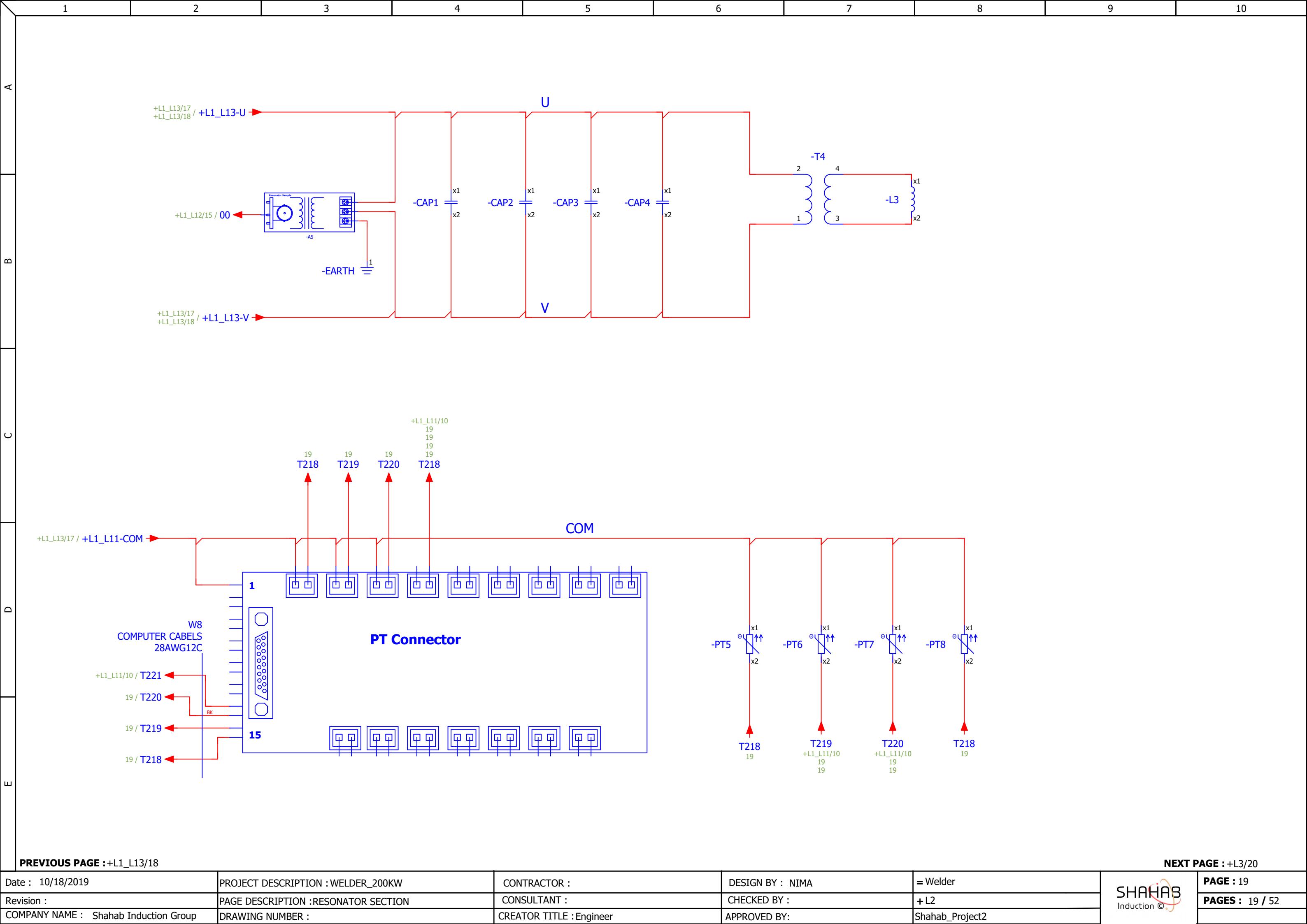


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COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE : Engineer	APPROVED BY:	Shahab_Project2		



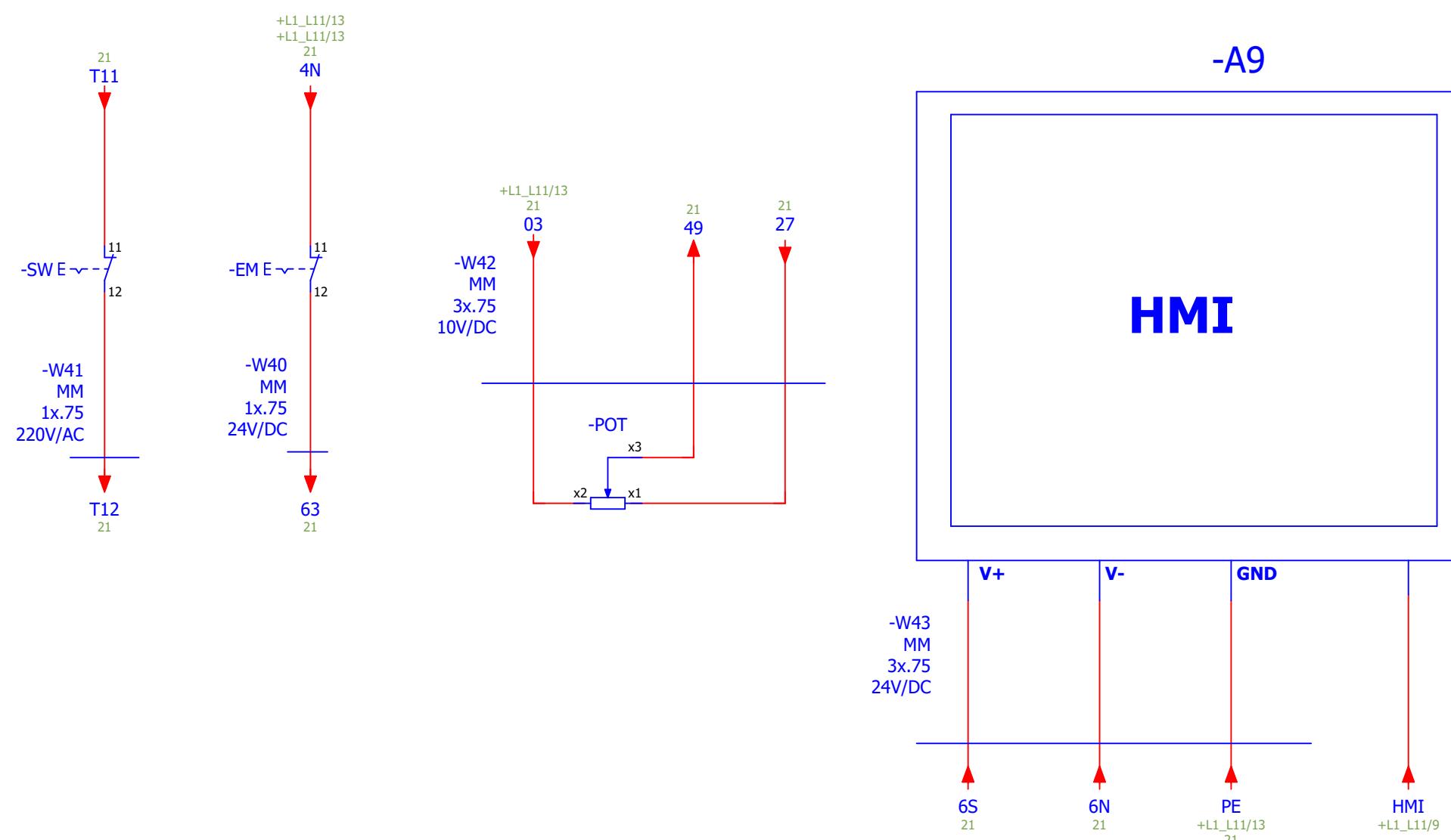


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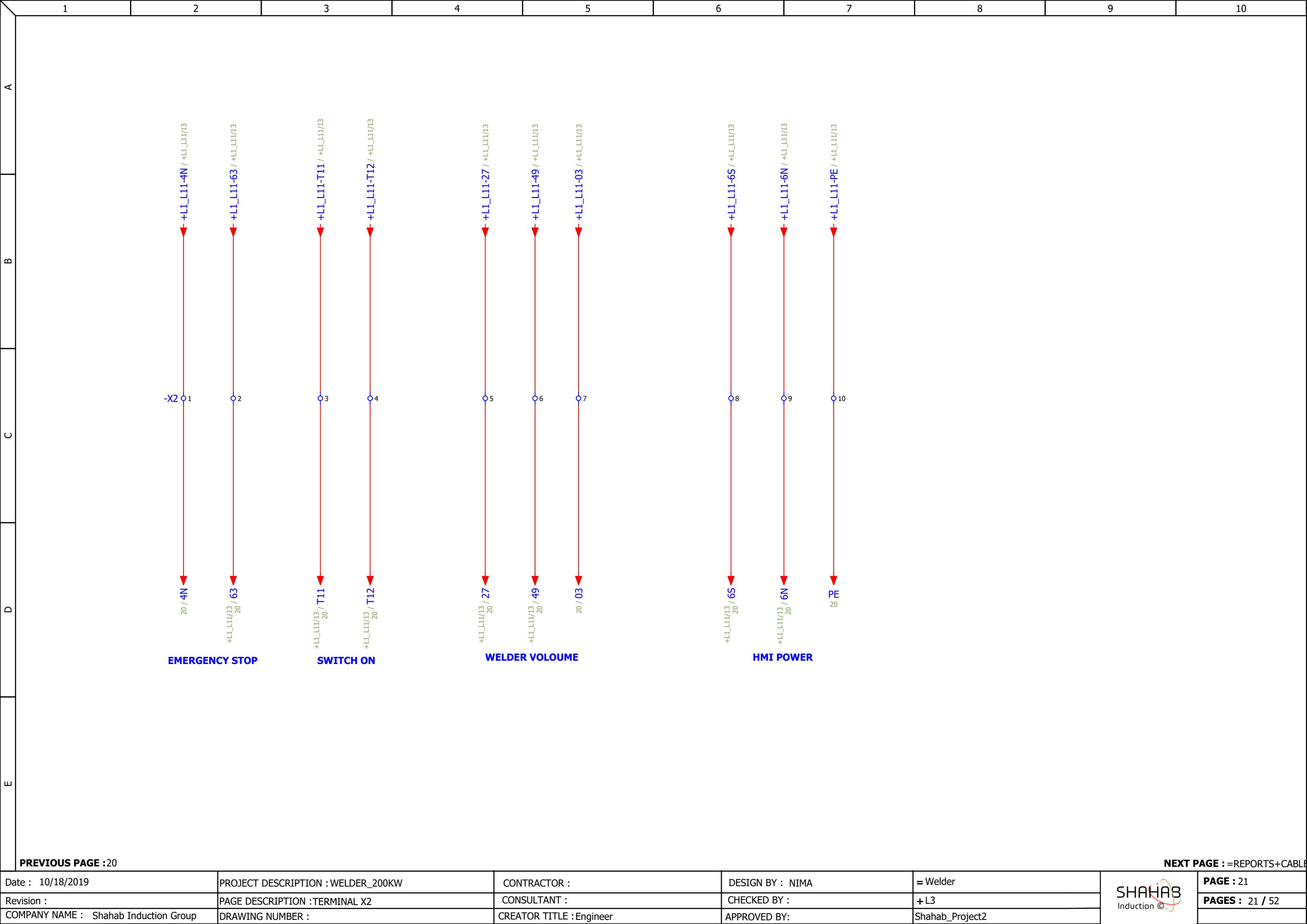
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COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE :Engineer	APPROVED BY:	Shahab_Project2	



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## Cable overview

F10\_001

Cable name	Source (from)	Target (to)	Cable type	all conductors	Conductors used	Cross-section [mm]	Length [m]	Function text	Graphical page of cable diagram
=Welder+L1_L11-W1	=Welder+L1_L11-F1	RI	MM	3	3	120			
		SI							
		TI							
=Welder+L1_L11-W2			MM	3	0	2.5			
=Welder+L1_L11-W3				3	0	1.5			
=Welder+L1_L11-W4	=Welder+L1_L11-Rect	=Welder+L1_L11-T1	MM	3	3	120			
=Welder+L1_L11-W6	=Welder+L1_L11-E2	=Welder+L1_L11-FL1	MM	1	3	16			
	=Welder+L1_L13-E3								
	=Welder+L1_L13-E14								
=Welder+L1_L11-W8	=Welder+L1_L11-F1	=Welder+L1_L11-F2	MM	3	9	1.5			
	=Welder+L1_L11-CT1								
	=Welder+L1_L11-CT2								
	=Welder+L1_L11-CT3								
	=Welder+L1_L11-F10								
=Welder+L1_L11-W11	=Welder+L1_L11-F3	=Welder+L1_L11-T3	MM	3	2	1.5			
=Welder+L1_L11-W12	=Welder+L1_L11-F4	=Welder+L1_L11-T3	MM	2	1	1.5			
=Welder+L1_L11-W14	=Welder+L1_L11-H1	=Welder+L1_L11-T3	MM	2	3	1			
	=Welder+L1_L13-H2								
	=Welder+L1_L13-H3								
=Welder+L1_L11-W18	=Welder+L1_L11-C4	=Welder+L1_L11-C4	MM	2	2	1			
		=Welder+L1_L12-A7							
=Welder+L1_L11-W19			MM	2	0	1			
=Welder+L1_L11-W20	=Welder+L1_L11-FL1	=Welder+L1_L13-E6	MM	4	2	120			
		=Welder+L1_L13-E11							
=Welder+L1_L11-W21	=Welder+L1_L11-F2	=Welder+L1_L11-METER1	MM	3	3	.75			
=Welder+L1_L11-W22	=Welder+L1_L11-F10	=Welder+L1_L11-F3	MM	3	2	1.5			
=Welder+L1_L11-W23	=Welder+L1_L11-F5	=Welder+L1_L11-R0	MM	1	1	1			
=Welder+L1_L11-W25	=Welder+L1_L11-C4	=Welder+L1_L13-EX2	MM	1	1	1.5			
=Welder+L1_L11-W26			MM	2	0	1			
=Welder+L1_L11-W29	=Welder+L1_L11-F11	=Welder+L1_L11-F9	MM	2	4	1			
	=Welder+L1_L11-PS2								
	=Welder+L1_L11-F5								
	=Welder+L1_L11-C2								
=Welder+L1_L11-W30			MM	3	0	2.5			
=Welder+L1_L11-W31	=Welder+L1_L11-X1	=Welder+L1_L11-C3	MM	3	3	2.5			
=Welder+L1_L11-W37			MM	1	0	.75			
=Welder+L1_L11-W38	=Welder+L1_L11-R2	=Welder+L1_L12-A7	MM	1	3	.75			
	=Welder+L1_L11-R4								
	=Welder+L1_L11-R3								
=Welder+L1_L11-W39			MM	1	0	.75			
=Welder+L1_L12-W32	=Welder+L1_L11-C2	=Welder+L1_L12-PS6	MM	2	1	1			
=Welder+L1_L12-W33			MM	2	0	1			
=Welder+L1_L12-W34			MM	2	0	1			
=Welder+L1_L12-W35			MM	2	0	1			
=Welder+L1_L12-W36			MM	2	0	1			
=Welder+L1_L13-W7			COMPUTER CABLES	28AWG	0	12C			

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## Cable overview

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## Connection list

F27\_001

Connection	Source	Target	Cross-section	Color	Length	Page / column 1	Page / column 2	Function definition
	=Welder+L1_L11-C1:2	=Welder+L1_L11-PRT1:1				=Welder+L1_L11/1.6:B	=Welder+L1_L11/1.7:B	Conductor / wire
	=Welder+L1_L11-C1:6	=Welder+L1_L11-PRT3:1				=Welder+L1_L11/1.6:B	=Welder+L1_L11/1.8:B	Conductor / wire
	=Welder+L1_L11-F10:2	=Welder+L1_L11-OCR:2		R6		=Welder+L1_L11/2.2:B	=Welder+L1_L11/2.2:C	Conductor / wire
	=Welder+L1_L11-F10:4	=Welder+L1_L11-OCR:4		S6		=Welder+L1_L11/2.2:B	=Welder+L1_L11/2.2:C	Conductor / wire
	=Welder+L1_L11-F10:6	=Welder+L1_L11-OCR:6		T6		=Welder+L1_L11/2.2:B	=Welder+L1_L11/2.2:C	Conductor / wire
	=Welder+L1_L11-H1:x2	=Welder+L1_L11-MS1:12				=Welder+L1_L11/3.3:B	=Welder+L1_L11/3.3:B	Conductor / wire
	=Welder+L1_L13-H2:x2	=Welder+L1_L13-MS2:12				=Welder+L1_L11/3.3:C	=Welder+L1_L11/3.3:C	Conductor / wire
	=Welder+L1_L13-H3:x2	=Welder+L1_L13-MS3:12				=Welder+L1_L11/3.3:C	=Welder+L1_L11/3.3:D	Conductor / wire
	=Welder+L1_L11-M1:1	=Welder+L1_L11-MS1:14				=Welder+L1_L11/3.5:B	=Welder+L1_L11/3.3:B	Conductor / wire
	=Welder+L1_L13-M2:1	=Welder+L1_L13-MS2:14				=Welder+L1_L11/3.5:C	=Welder+L1_L11/3.3:C	Conductor / wire
	=Welder+L1_L11-C4:13	=Welder+L1_L11-F4:2		T02		=Welder+L1_L11/3.2:B	=Welder+L1_L11/3.2:A	Conductor / wire
	=Welder+L1_L11-EX1:2	=Welder+L1_L11-M1:2				=Welder+L1_L11/3.6:B	=Welder+L1_L11/3.5:B	Conductor / wire
	=Welder+L1_L11-EX1:2	=Welder+L1_L13-M2:2				=Welder+L1_L11/3.6:B	=Welder+L1_L11/3.5:C	Conductor / wire
	=Welder+L1_L11-M1:2	=Welder+L1_L13-EX2:2				=Welder+L1_L11/3.5:B	=Welder+L1_L11/3.6:C	Conductor / wire
	=Welder+L1_L13-EX2:2	=Welder+L1_L13-M2:2				=Welder+L1_L11/3.6:C	=Welder+L1_L11/3.5:C	Conductor / wire
	=Welder+L1_L11-F11:2	=Welder+L1_L13-EX3:1				=Welder+L1_L11/3.9:B	=Welder+L1_L11/3.9:D	Conductor / wire
	=Welder+L1_L11-M1:2	=Welder+L1_L13-EX3:2				=Welder+L1_L11/3.5:B	=Welder+L1_L11/3.9:D	Conductor / wire
	=Welder+L1_L13-EX3:2	=Welder+L1_L13-M2:2				=Welder+L1_L11/3.9:D	=Welder+L1_L11/3.5:C	Conductor / wire
	=Welder+L1_L11-C1:1	=Welder+L1_L11-CT1				=Welder+L1_L11/1.6:B	=Welder+L1_L11/1.4:B	Conductor / wire
	=Welder+L1_L11-C1:5	=Welder+L1_L11-CT3				=Welder+L1_L11/1.6:B	=Welder+L1_L11/1.6:B	Conductor / wire
	=Welder+L1_L11-C1:4	=Welder+L1_L11-PRT2:1				=Welder+L1_L11/1.6:B	=Welder+L1_L11/1.7:B	Conductor / wire
	=Welder+L1_L11-PRT1:11	=Welder+L1_L11-PRT1:12				=Welder+L1_L11/1.7:B	=Welder+L1_L11/1.7:B	Conductor / wire
	=Welder+L1_L11-PRT2:11	=Welder+L1_L11-PRT3:12				=Welder+L1_L11/1.7:B	=Welder+L1_L11/1.8:B	Conductor / wire
	=Welder+L1_L11-T1:11	=Welder+L1_L11-T1:12				=Welder+L1_L11/1.8:A	=Welder+L1_L11/1.9:A	Conductor / wire
	=Welder+L1_L11-T1:11	=Welder+L1_L11-T1:12				=Welder+L1_L11/1.9:A	=Welder+L1_L11/1.10:A	Conductor / wire
	=Welder+L1_L11-B1	=Welder+L1_L11-HALLSENSOR				=Welder+L1_L11/5.5:C	=Welder+L1_L11/5.5:B	Conductor / wire
	=Welder+L1_L11-B1	=Welder+L1_L11-HALLSENSOR				=Welder+L1_L11/5.5:C	=Welder+L1_L11/5.5:B	Conductor / wire
	=Welder+L1_L11-B1	=Welder+L1_L11-HALLSENSOR				=Welder+L1_L11/5.5:C	=Welder+L1_L11/5.5:B	Conductor / wire
	=Welder+L1_L11-B1	=Welder+L1_L11-HALLSENSOR				=Welder+L1_L11/5.5:C	=Welder+L1_L11/5.5:B	Conductor / wire
	=Welder+L1_L11-B1	=Welder+L1_L11-Rect				=Welder+L1_L11/5.5:C	=Welder+L1_L11/5.4:C	Conductor / wire
	=Welder+L1_L11-B1	=Welder+L1_L11-Rect				=Welder+L1_L11/5.5:C	=Welder+L1_L11/5.4:C	Conductor / wire
	=Welder+L1_L11-B1	=Welder+L1_L11-D1:x2				=Welder+L1_L11/5.5:C	=Welder+L1_L11/5.7:C	Conductor / wire
	=Welder+L1_L11-B1	=Welder+L1_L11-D1:x1				=Welder+L1_L11/5.5:C	=Welder+L1_L11/5.7:C	Conductor / wire
	=Welder+L1_L11-D1:x1	=Welder+L1_L11-T2				=Welder+L1_L11/5.7:C	=Welder+L1_L11/5.7:B	Conductor / wire
	=Welder+L1_L11-D1:x2	=Welder+L1_L11-T2				=Welder+L1_L11/5.7:C	=Welder+L1_L11/5.7:B	Conductor / wire
	=Welder+L1_L11-E2:x2	=Welder+L1_L11-L1:x1				=Welder+L1_L11/5.8:B	=Welder+L1_L11/5.8:C	Conductor / wire
	=Welder+L1_L11-L1:x2	=Welder+L1_L11-T2				=Welder+L1_L11/5.8:C	=Welder+L1_L11/5.7:B	Conductor / wire
	=Welder+L1_L11-E2:x1	=Welder+L1_L11-T2				=Welder+L1_L11/5.8:B	=Welder+L1_L11/5.7:B	Conductor / wire
	=Welder+L1_L11-F1:x1	=Welder+L1_L11-L1:x2				=Welder+L1_L11/5.9:C	=Welder+L1_L11/5.8:C	Conductor / wire
	=Welder+L1_L11-A2	=Welder+L1_L11-E2:x3				=Welder+L1_L11/5.7:D	=Welder+L1_L11/5.8:B	Conductor / wire
	=Welder+L1_L11-A2	=Welder+L1_L11-L1:x1				=Welder+L1_L11/5.7:D	=Welder+L1_L11/5.8:C	Conductor / wire
	=Welder+L1_L11-B1	=Welder+L1_L11-B1				=Welder+L1_L11/5.5:C	=Welder+L1_L11/5.5:C	Conductor / wire
	=Welder+L1_L11-C1:3	=Welder+L1_L11-CT2				=Welder+L1_L11/1.6:B	=Welder+L1_L11/1.5:B	Conductor / wire
	=Welder+L1_L11-C3:1	=Welder+L1_L11-OCR:1				=Welder+L1_L11/2.2:D	=Welder+L1_L11/2.2:C	Direct connection
	=Welder+L1_L11-C3:3	=Welder+L1_L11-OCR:3				=Welder+L1_L11/2.2:D	=Welder+L1_L11/2.2:C	Direct connection
	=Welder+L1_L11-C3:5	=Welder+L1_L11-OCR:5				=Welder+L1_L11/2.2:D	=Welder+L1_L11/2.2:C	Direct connection
	=Welder+L1_L11-C3:7	=Welder+L1_L11-F10:12				=Welder+L1_L11/2.2:D	=Welder+L1_L11/2.4:B	Conductor / wire
	=Welder+L1_L11-F8:1	=Welder+L1_L11-PS1	240			=Welder+L1_L11/4.3:C	=Welder+L1_L11/4.3:B	Conductor / wire
	=Welder+L1_L11-C4:13	=Welder+L1_L11-F6:2				=Welder+L1_L11/4.7:C	=Welder+L1_L11/4.7:C	Conductor / wire
	=Welder+L1_L11-F6:1	=Welder+L1_L11-PS2				=Welder+L1_L11/4.7:C	=Welder+L1_L11/4.7:B	Conductor / wire
	=Welder+L1_L11-PS1	=Welder+L1_L11-PS2	S01			=Welder+L1_L11/4.3:B	=Welder+L1_L11/4.7:B	Conductor / wire
	=Welder+L1_L11-C2:1	=Welder+L1_L11-F9:2	R4			=Welder+L1_L11/4.9:C	=Welder+L1_L11/4.9:B	Conductor / wire
	=Welder+L1_L11-C2:3	=Welder+L1_L11-F9:4	S4			=Welder+L1_L11/4.9:C	=Welder+L1_L11/4.9:B	Conductor / wire
	=Welder+L1_L11-C2:5	=Welder+L1_L11-F8:2				=Welder+L1_L11/4.9:C	=Welder+L1_L11/4.3:C	Conductor / wire
	=Welder+L1_L11-C2:7	=Welder+L1_L11-F7:2				=Welder+L1_L11/4.9:C	=Welder+L1_L11/4.4:C	Conductor / wire
	=Welder+L1_L11-R4:2	=Welder+L1_L11-R5:2				=Welder+L1_L11/6.4:B	=Welder+L1_L11/6.5:B	Conductor / wire
	=Welder+L1_L11-R3:2	=Welder+L1_L11-R4:2				=Welder+L1_L11/6.4:B	=Welder+L1_L11/6.4:B	Conductor / wire

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Date : 10/18/2019	PROJECT DESCRIPTION : WELDER_200KW	CONTRACTOR :	DESIGN BY : NIMA	= REPORTS	SHAHAB Induction ©.	PAGE : 24
Revision :	PAGE DESCRIPTION : Connection list : -	CONSULTANT :	CHECKED BY :	+ Connection_List		PAGES : 24 / 52
COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE : Engineer	APPROVED BY:	Shahab_Project2		

## Connection list

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Connection	Source	Target	Cross-section	Color	Length	Page / column 1	Page / column 2	Function definition
	=Welder+L1_L11-R2:A2	=Welder+L1_L11-R3:A2				=Welder+L1_L11/6.3:B	=Welder+L1_L11/6.4:B	Conductor / wire
	=Welder+L1_L11-R0:A2	=Welder+L1_L11-R2:A2				=Welder+L1_L11/6.3:B	=Welder+L1_L11/6.3:B	Conductor / wire
	=Welder+L1_L11-R5:12	=Welder+L1_L11-R5:A2				=Welder+L1_L11/6.6:B	=Welder+L1_L11/6.5:B	Conductor / wire
	=Welder+L1_L11-C4:13	=Welder+L1_L11-R0:13				=Welder+L1_L11/6.5:C	=Welder+L1_L11/6.6:C	Conductor / wire
	=Welder+L1_L11-C1:A1	=Welder+L1_L11-R1:14				=Welder+L1_L11/6.4:D	=Welder+L1_L11/6.4:C	Conductor / wire
	=Welder+L1_L11-C4:14	=Welder+L1_L11-OCR1:A1				=Welder+L1_L11/6.4:C	=Welder+L1_L11/6.4:D	Conductor / wire
	=Welder+L1_L11-C4:13	=Welder+L1_L11-R1:13				=Welder+L1_L11/6.4:C	=Welder+L1_L11/6.4:C	Conductor / wire
	=Welder+L1_L11-C1:A2	=Welder+L1_L11-OCR1:A2				=Welder+L1_L11/6.4:D	=Welder+L1_L11/6.4:D	Conductor / wire
	=Welder+L1_L11-R0:13	=Welder+L1_L11-R1:13				=Welder+L1_L11/6.3:C	=Welder+L1_L11/6.4:C	Conductor / wire
	=Welder+L1_L11-C2:A1	=Welder+L1_L11-R0:14				=Welder+L1_L11/6.3:D	=Welder+L1_L11/6.3:C	Conductor / wire
	=Welder+L1_L11-C1:A2	=Welder+L1_L11-C2:A2				=Welder+L1_L11/6.4:D	=Welder+L1_L11/6.3:D	Conductor / wire
	=Welder+L1_L11-C4:13	=Welder+L1_L11-C4:13				=Welder+L1_L11/6.4:C	=Welder+L1_L11/6.5:C	Conductor / wire
	=Welder+L2-CAP4:x1	=Welder+L2-T4:2				=Welder+L2/11.6:B	=Welder+L2/11.7:A	Conductor / wire
	=Welder+L2-CAP3:x1	=Welder+L2-CAP4:x1				=Welder+L2/11.5:B	=Welder+L2/11.6:B	Conductor / wire
	=Welder+L2-CAP2:x1	=Welder+L2-CAP3:x1		U		=Welder+L2/11.4:B	=Welder+L2/11.5:B	Conductor / wire
	=Welder+L2-CAP1:x1	=Welder+L2-CAP2:x1				=Welder+L2/11.4:B	=Welder+L2/11.4:B	Conductor / wire
	=Welder+L2-CAP1:x2	=Welder+L2-CAP2:x2				=Welder+L2/11.4:B	=Welder+L2/11.4:B	Conductor / wire
	=Welder+L2-CAP2:x2	=Welder+L2-CAP3:x2		V		=Welder+L2/11.4:B	=Welder+L2/11.5:B	Conductor / wire
	=Welder+L2-CAP4:x2	=Welder+L2-T4:1				=Welder+L2/11.6:B	=Welder+L2/11.7:A	Conductor / wire
	=Welder+L2-CAP3:x2	=Welder+L2-CAP4:x2				=Welder+L2/11.5:B	=Welder+L2/11.6:B	Conductor / wire
	=Welder+L2-A5	=Welder+L2-CAP1:x1				=Welder+L2/11.2:B	=Welder+L2/11.4:B	Conductor / wire
	=Welder+L2-A5	=Welder+L2-CAP1:x2				=Welder+L2/11.2:B	=Welder+L2/11.4:B	Conductor / wire
	=Welder+L2-A5	=Welder+L2-EARTH:1				=Welder+L2/11.2:B	=Welder+L2/11.3:B	Conductor / wire
	=Welder+L2-L3:x1	=Welder+L2-T4:4				=Welder+L2/11.8:B	=Welder+L2/11.7:A	Conductor / wire
	=Welder+L2-L3:x2	=Welder+L2-T4:3				=Welder+L2/11.8:B	=Welder+L2/11.7:A	Conductor / wire
	=Welder+L2-A6	=Welder+L2-A6				=Welder+L2/11.5:D	=Welder+L2/11.5:D	Conductor / wire
	=Welder+L2-A6	=Welder+L2-A6				=Welder+L2/11.5:D	=Welder+L2/11.5:D	Conductor / wire
	=Welder+L2-A6	=Welder+L2-A6				=Welder+L2/11.5:D	=Welder+L2/11.5:D	Conductor / wire
	=Welder+L2-PT7:x1	=Welder+L2-PT8:x1				=Welder+L2/11.9:D	=Welder+L2/11.9:D	Conductor / wire
	=Welder+L2-PT6:x1	=Welder+L2-PT7:x1				=Welder+L2/11.8:D	=Welder+L2/11.9:D	Conductor / wire
	=Welder+L2-PT5:x1	=Welder+L2-PT6:x1				=Welder+L2/11.7:D	=Welder+L2/11.8:D	Conductor / wire
	=Welder+L2-A6	=Welder+L2-A6				=Welder+L2/11.5:D	=Welder+L2/11.5:D	Conductor / wire
	=Welder+L2-A6	=Welder+L2-PT6:x2				=Welder+L2/11.5:D	=Welder+L2/11.8:D	Conductor / wire
	=Welder+L2-A6	=Welder+L2-PT7:x2				=Welder+L2/11.5:D	=Welder+L2/11.9:D	Conductor / wire
	=Welder+L2-A6	=Welder+L2-A6				=Welder+L2/11.5:D	=Welder+L2/11.5:D	Conductor / wire
	=Welder+L2-A6	=Welder+L2-PT5:x2				=Welder+L2/11.5:D	=Welder+L2/11.7:D	Conductor / wire
	=Welder+L2-A6	=Welder+L2-PT8:x2				=Welder+L2/11.5:D	=Welder+L2/11.9:D	Conductor / wire
	=Welder+L2-A6	=Welder+L2-PT5:x1				=Welder+L2/11.5:D	=Welder+L2/11.7:D	Conductor / wire
	=Welder+L2-A6	=Welder+L2-PT6:x2				=Welder+L2/11.5:D	=Welder+L2/11.8:D	Conductor / wire
	=Welder+L2-A6	=Welder+L2-PT7:x2				=Welder+L2/11.5:D	=Welder+L2/11.9:D	Conductor / wire
	=Welder+L1_L12-PS5	=Welder+L1_L12-PS6				=Welder+L1_L12/11.7:C	=Welder+L1_L12/11.9:C	Conductor / wire
	=Welder+L1_L12-PS5	=Welder+L1_L12-PS6		R5		=Welder+L1_L12/11.7:C	=Welder+L1_L12/11.9:C	Conductor / wire
	=Welder+L1_L12-PS4	=Welder+L1_L12-PS5				=Welder+L1_L12/11.5:C	=Welder+L1_L12/11.7:C	Conductor / wire
	=Welder+L1_L12-PS4	=Welder+L1_L12-PS6		S5		=Welder+L1_L12/11.5:C	=Welder+L1_L12/11.9:C	Conductor / wire
	=Welder+L1_L12-PS3	=Welder+L1_L12-PS5				=Welder+L1_L12/11.3:C	=Welder+L1_L12/11.7:C	Conductor / wire
	=Welder+L1_L12-PS3	=Welder+L1_L12-PS6		S5		=Welder+L1_L12/11.3:C	=Welder+L1_L12/11.9:C	Conductor / wire
	=Welder+L1_L12-F12:1	=Welder+L1_L12-PS3				=Welder+L1_L12/11.4:D	=Welder+L1_L12/11.3:C	Conductor / wire
	=Welder+L1_L12-F13:1	=Welder+L1_L12-PS4				=Welder+L1_L12/11.4:E	=Welder+L1_L12/11.5:C	Conductor / wire
	=Welder+L1_L12-F14:1	=Welder+L1_L12-PS5				=Welder+L1_L12/11.8:D	=Welder+L1_L12/11.7:C	Conductor / wire
	=Welder+L1_L12-F12:1	=Welder+L1_L12-PS6				=Welder+L1_L12/11.8:E	=Welder+L1_L12/11.9:C	Conductor / wire
	=Welder+L1_L13-E4:G	=Welder+L1_L13-GB1:K				=Welder+L1_L13/14.4:B	=Welder+L1_L13/14.3:B	Conductor / wire
	=Welder+L1_L13-E4:C	=Welder+L1_L13-SNB1				=Welder+L1_L13/14.4:B	=Welder+L1_L13/14.5:B	Conductor / wire
	=Welder+L1_L13-E5:E	=Welder+L1_L13-SNB1				=Welder+L1_L13/14.4:C	=Welder+L1_L13/14.5:B	Conductor / wire
	=Welder+L1_L13-E3:K	=Welder+L1_L13-E4:E				=Welder+L1_L13/14.4:B	=Welder+L1_L13/14.4:B	Conductor / wire
	=Welder+L1_L13-E3:K	=Welder+L1_L13-SNB1				=Welder+L1_L13/14.4:B	=Welder+L1_L13/14.5:B	Conductor / wire
	=Welder+L1_L13-E5:G	=Welder+L1_L13-GB2:K				=Welder+L1_L13/14.4:C	=Welder+L1_L13/14.3:C	Conductor / wire

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## Connection list

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Connection	Source	Target	Cross-section	Color	Length	Page / column 1	Page / column 2	Function definition
	=Welder+L1_L13-SNB1	=Welder+L1_L13-SNB2				=Welder+L1_L13/14.5:B	=Welder+L1_L13/14.5:C	Conductor / wire
	=Welder+L1_L13-E5:C	=Welder+L1_L13-SNB2				=Welder+L1_L13/14.4:C	=Welder+L1_L13/14.5:C	Conductor / wire
	=Welder+L1_L13-E6:A	=Welder+L1_L13-SNB2				=Welder+L1_L13/14.4:D	=Welder+L1_L13/14.5:C	Conductor / wire
	=Welder+L1_L13-E13:E	=Welder+L1_L13-E14:K				=Welder+L1_L13/14.8:B	=Welder+L1_L13/14.8:B	Conductor / wire
	=Welder+L1_L13-E14:K	=Welder+L1_L13-SNB6				=Welder+L1_L13/14.8:B	=Welder+L1_L13/14.7:B	Conductor / wire
	=Welder+L1_L13-E13:C	=Welder+L1_L13-SNB6				=Welder+L1_L13/14.8:B	=Welder+L1_L13/14.7:B	Conductor / wire
	=Welder+L1_L13-E13:G	=Welder+L1_L13-GB6:K				=Welder+L1_L13/14.8:B	=Welder+L1_L13/14.9:B	Conductor / wire
	=Welder+L1_L13-SNB5	=Welder+L1_L13-SNB6				=Welder+L1_L13/14.7:C	=Welder+L1_L13/14.7:C	Conductor / wire
	=Welder+L1_L13-E12:E	=Welder+L1_L13-SNB6				=Welder+L1_L13/14.8:C	=Welder+L1_L13/14.7:B	Conductor / wire
	=Welder+L1_L13-E12:C	=Welder+L1_L13-SNB5				=Welder+L1_L13/14.8:C	=Welder+L1_L13/14.7:C	Conductor / wire
	=Welder+L1_L13-E12:G	=Welder+L1_L13-GB5:K				=Welder+L1_L13/14.8:C	=Welder+L1_L13/14.9:C	Conductor / wire
	=Welder+L1_L13-E11:A	=Welder+L1_L13-SNB5				=Welder+L1_L13/14.8:D	=Welder+L1_L13/14.7:C	Conductor / wire
	=Welder+L1_L13-E8:G	=Welder+L1_L13-GB3:K				=Welder+L1_L13/15.3:B	=Welder+L1_L13/15.2:B	Conductor / wire
	=Welder+L1_L13-E8:C	=Welder+L1_L13-SNB3				=Welder+L1_L13/15.3:B	=Welder+L1_L13/15.4:B	Conductor / wire
	=Welder+L1_L13-E9:E	=Welder+L1_L13-SNB3				=Welder+L1_L13/15.3:C	=Welder+L1_L13/15.4:B	Conductor / wire
	=Welder+L1_L13-E7:K	=Welder+L1_L13-E8:E				=Welder+L1_L13/15.3:B	=Welder+L1_L13/15.3:B	Conductor / wire
	=Welder+L1_L13-E7:K	=Welder+L1_L13-SNB3				=Welder+L1_L13/15.3:B	=Welder+L1_L13/15.4:B	Conductor / wire
	=Welder+L1_L13-E9:G	=Welder+L1_L13-GB4:K				=Welder+L1_L13/15.3:C	=Welder+L1_L13/15.2:C	Conductor / wire
	=Welder+L1_L13-SNB3	=Welder+L1_L13-SNB4				=Welder+L1_L13/15.4:B	=Welder+L1_L13/15.4:C	Conductor / wire
	=Welder+L1_L13-E9:C	=Welder+L1_L13-SNB4				=Welder+L1_L13/15.3:C	=Welder+L1_L13/15.4:C	Conductor / wire
	=Welder+L1_L13-E10:A	=Welder+L1_L13-SNB4				=Welder+L1_L13/15.3:D	=Welder+L1_L13/15.4:C	Conductor / wire
	=Welder+L1_L13-E17:C	=Welder+L1_L13-SNB8				=Welder+L1_L13/15.7:B	=Welder+L1_L13/15.7:B	Conductor / wire
	=Welder+L1_L13-E17:E	=Welder+L1_L13-E18:K				=Welder+L1_L13/15.7:B	=Welder+L1_L13/15.7:B	Conductor / wire
	=Welder+L1_L13-E18:K	=Welder+L1_L13-SNB8				=Welder+L1_L13/15.7:B	=Welder+L1_L13/15.7:B	Conductor / wire
	=Welder+L1_L13-E17:G	=Welder+L1_L13-GB8:K				=Welder+L1_L13/15.7:B	=Welder+L1_L13/15.8:B	Conductor / wire
	=Welder+L1_L13-SNB7	=Welder+L1_L13-SNB8				=Welder+L1_L13/15.7:C	=Welder+L1_L13/15.7:B	Conductor / wire
	=Welder+L1_L13-E16:F	=Welder+L1_L13-SNB8				=Welder+L1_L13/15.7:C	=Welder+L1_L13/15.7:B	Conductor / wire
	=Welder+L1_L13-E16:C	=Welder+L1_L13-SNB7				=Welder+L1_L13/15.7:C	=Welder+L1_L13/15.7:C	Conductor / wire
	=Welder+L1_L13-E16:G	=Welder+L1_L13-GB7:K				=Welder+L1_L13/15.7:C	=Welder+L1_L13/15.8:C	Conductor / wire
	=Welder+L1_L13-E15:A	=Welder+L1_L13-SNB7				=Welder+L1_L13/15.7:D	=Welder+L1_L13/15.7:C	Conductor / wire
	=Welder+L1_L11-PLC1	=Welder+L1_L11-PLC1				=Welder+L1_L11/7.6:D	=Welder+L1_L11/7.5:D	Conductor / wire
	=Welder+L1_L11-PLC1	=Welder+L1_L11-PLC1				=Welder+L1_L11/7.7:D	=Welder+L1_L11/7.6:D	Conductor / wire
	=Welder+L1_L11-PLC1	=Welder+L1_L11-PLC1				=Welder+L1_L11/7.8:D	=Welder+L1_L11/7.7:D	Conductor / wire
	=Welder+L1_L11-T.S1:17	=Welder+L1_L11-T.S2:18				=Welder+L1_L11/7.3:B	=Welder+L1_L11/7.2:B	Conductor / wire
	=Welder+L1_L11-T.S2:17	=Welder+L1_L11-T.S3:18				=Welder+L1_L11/7.2:B	=Welder+L1_L11/7.2:B	Conductor / wire
	=Welder+L1_L11-T.S3:17	=Welder+L1_L11-T.S4:17				=Welder+L1_L11/7.2:B	=Welder+L1_L11/7.2:C	Conductor / wire
	=Welder+L1_L11-E.M:17	=Welder+L1_L11-T.S4:17				=Welder+L1_L11/7.3:B	=Welder+L1_L11/7.2:C	Conductor / wire
	=Welder+L1_L11-T.S3:17	=Welder+L1_L11-T.S4:18				=Welder+L1_L11/7.3:C	=Welder+L1_L11/7.2:C	Conductor / wire
	=Welder+L1_L11-H4:x1	=Welder+L1_L11-PLC1				=Welder+L1_L11/7.9:E	=Welder+L1_L11/7.8:D	Conductor / wire
	=Welder+L1_L11-H5:x1	=Welder+L1_L11-PLC1-N				=Welder+L1_L11/7.9:E	=Welder+L1_L11/7.8:D	Conductor / wire
	=Welder+L1_L11-H6:x1	=Welder+L1_L11-PLC1				=Welder+L1_L11/7.9:D	=Welder+L1_L11/7.8:D	Conductor / wire
	=Welder+L1_L11-PLC1-+	=Welder+L1_L11-T.S3:18				=Welder+L1_L11/7.6:B	=Welder+L1_L11/7.3:C	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L1_L11-RTD16				=Welder+L1_L11/8.4:D	=Welder+L1_L11/8.4:D	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L1_L11-RTD16				=Welder+L1_L11/8.5:D	=Welder+L1_L11/8.4:D	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L1_L11-RTD16				=Welder+L1_L11/8.5:D	=Welder+L1_L11/8.5:D	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L1_L11-RTD16				=Welder+L1_L11/8.6:D	=Welder+L1_L11/8.5:D	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L1_L11-RTD16				=Welder+L1_L11/8.6:D	=Welder+L1_L11/8.6:D	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L1_L11-RTD16				=Welder+L1_L11/8.6:D	=Welder+L1_L11/8.6:D	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L1_L11-RTD16				=Welder+L1_L11/8.7:D	=Welder+L1_L11/8.6:D	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L1_L11-RTD16				=Welder+L1_L11/8.7:D	=Welder+L1_L11/8.7:D	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L1_L11-RTD16				=Welder+L1_L11/8.7:D	=Welder+L1_L11/8.7:D	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L1_L11-RTD16				=Welder+L1_L11/8.7:D	=Welder+L1_L11/8.7:B	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L1_L11-RTD16				=Welder+L1_L11/8.7:B	=Welder+L1_L11/8.7:B	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L1_L11-RTD16				=Welder+L1_L11/8.7:B	=Welder+L1_L11/8.6:B	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L1_L11-RTD16				=Welder+L1_L11/8.6:B	=Welder+L1_L11/8.6:B	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L1_L11-RTD16				=Welder+L1_L11/8.6:B	=Welder+L1_L11/8.5:B	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L1_L11-RTD16				=Welder+L1_L11/8.5:B	=Welder+L1_L11/8.4:B	Conductor / wire

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Connection	Source	Target	Cross-section	Color	Length	Page / column 1	Page / column 2	Function definition
	=Welder+L1_L11-RTD16	=Welder+L1_L11-RTD16				=Welder+L1_L11/8.5:B	=Welder+L1_L11/8.5:B	Conductor / wire
	=Welder+L1_L11-PLC1-+	=Welder+L1_L11-RTD16-+				=Welder+L1_L11/7.5:B	=Welder+L1_L11/8.4:B	Conductor / wire
	=Welder+L1_L11-PLC1-+	=Welder+L1_L11-RTD16-+				=Welder+L1_L11/7.5:B	=Welder+L1_L11/8.4:B	Conductor / wire
	=Welder+L1_L11-FBs-8X-PE	=Welder+L1_L11-FBs2				=Welder+L1_L11/9.7:D	=Welder+L1_L11/9.3:B	Conductor / wire
	=Welder+L1_L11-PRT1:2	=Welder+L1_L11-Rect				=Welder+L1_L11/1.7:B	=Welder+L1_L11/5.4:C	Conductor / wire
	=Welder+L1_L11-Rect	=Welder+L1_L11-T1				=Welder+L1_L11/5.4:C	=Welder+L1_L11/1.9:B	Conductor / wire
	=Welder+L1_L11-Rect	=Welder+L1_L11-T1				=Welder+L1_L11/5.4:C	=Welder+L1_L11/1.9:B	Conductor / wire
	=Welder+L1_L11-PRT3:2	=Welder+L1_L11-Rect				=Welder+L1_L11/1.8:B	=Welder+L1_L11/5.4:C	Conductor / wire
	=Welder+L1_L11-Rect	=Welder+L1_L11-T1				=Welder+L1_L11/5.4:C	=Welder+L1_L11/1.9:B	Conductor / wire
	=Welder+L1_L11-PRT2:2	=Welder+L1_L11-Rect				=Welder+L1_L11/1.7:B	=Welder+L1_L11/5.4:C	Conductor / wire
	=Welder+L1_L11-B1	=Welder+L1_L11-FBs2				=Welder+L1_L11/5.5:C	=Welder+L1_L11/9.3:B	Conductor / wire
	=Welder+L1_L11-B1	=Welder+L1_L11-FBs2				=Welder+L1_L11/5.5:C	=Welder+L1_L11/9.4:B	Conductor / wire
	=Welder+L1_L11-A2	=Welder+L1_L11-C2:6				=Welder+L1_L11/5.7:D	=Welder+L1_L11/4.9:C	Conductor / wire
	=Welder+L1_L11-R4:14	=Welder+L1_L11-Rect				=Welder+L1_L11/6.10:A	=Welder+L1_L11/5.4:C	Conductor / wire
	=Welder+L1_L11-PLC1	=Welder+L1_L11-R0:A1				=Welder+L1_L11/7.6:D	=Welder+L1_L11/6.3:B	Conductor / wire
	=Welder+L1_L11-PLC1-N	=Welder+L1_L11-R2:A1				=Welder+L1_L11/7.6:D	=Welder+L1_L11/6.3:B	Conductor / wire
	=Welder+L1_L11-PLC1-N	=Welder+L1_L11-R3:A1				=Welder+L1_L11/7.6:D	=Welder+L1_L11/6.4:B	Conductor / wire
	=Welder+L1_L11-PLC1	=Welder+L1_L11-R4:A1				=Welder+L1_L11/7.7:D	=Welder+L1_L11/6.4:B	Conductor / wire
	=Welder+L1_L11-PLC1-N	=Welder+L1_L11-R5:A1				=Welder+L1_L11/7.7:D	=Welder+L1_L11/6.5:B	Conductor / wire
	=Welder+L1_L11-C4:14	=Welder+L1_L11-PLC1-L				=Welder+L1_L11/6.5:C	=Welder+L1_L11/7.5:D	Conductor / wire
	=Welder+L1_L11-C3:A2	=Welder+L1_L11-PLC1-N				=Welder+L1_L11/6.8:D	=Welder+L1_L11/7.5:D	Conductor / wire
	=Welder+L1_L11-C4:A2	=Welder+L1_L11-PLC1-N				=Welder+L1_L11/6.9:D	=Welder+L1_L11/7.5:D	Conductor / wire
	=Welder+L1_L11-METER1	=Welder+L1_L11-METER1	R1			=Welder+L1_L11/1.5:D	=Welder+L1_L11/1.5:D	Conductor / wire
	=Welder+L1_L11-METER1	=Welder+L1_L11-METER1				=Welder+L1_L11/1.5:D	=Welder+L1_L11/1.5:D	Conductor / wire
	N	=Welder+L1_L11-METER1				=Welder+L1_L11/1.1:B	=Welder+L1_L11/1.5:D	Conductor / wire
	=Welder+L1_L11-CT1	=Welder+L1_L11-METER1				=Welder+L1_L11/1.4:B	=Welder+L1_L11/1.5:D	Conductor / wire
	=Welder+L1_L11-CT1	=Welder+L1_L11-METER1				=Welder+L1_L11/1.4:B	=Welder+L1_L11/1.5:D	Conductor / wire
	=Welder+L1_L11-CT2	=Welder+L1_L11-METER1				=Welder+L1_L11/1.5:B	=Welder+L1_L11/1.5:D	Conductor / wire
	=Welder+L1_L11-CT2	=Welder+L1_L11-METER1				=Welder+L1_L11/1.5:B	=Welder+L1_L11/1.5:D	Conductor / wire
	=Welder+L1_L11-CT3	=Welder+L1_L11-METER1				=Welder+L1_L11/1.6:B	=Welder+L1_L11/1.5:D	Conductor / wire
	=Welder+L1_L11-CT3	=Welder+L1_L11-METER1				=Welder+L1_L11/1.6:B	=Welder+L1_L11/1.5:D	Conductor / wire
	=Welder+L1_L11-C4:14	=Welder+L1_L11-MS1:11	T03			=Welder+L1_L11/3.2:B	=Welder+L1_L11/3.3:B	Conductor / wire
	=Welder+L1_L11-C4:14	=Welder+L1_L13-MS3:11	T03			=Welder+L1_L11/3.2:B	=Welder+L1_L11/3.3:D	Conductor / wire
	=Welder+L1_L11-C4:14	=Welder+L1_L13-MS2:11	T03			=Welder+L1_L11/3.2:B	=Welder+L1_L11/3.3:C	Conductor / wire
	=Welder+L1_L11-EX1:1	=Welder+L1_L13-EX2:1				=Welder+L1_L11/3.6:B	=Welder+L1_L11/3.6:C	Conductor / wire
	=Welder+L1_L11-F7:1	=Welder+L1_L11-F8:1	240			=Welder+L1_L11/4.4:C	=Welder+L1_L11/4.3:C	Conductor / wire
	=Welder+L1_L13-R32:x2	=Welder+L1_L13-R33:x2				=Welder+L1_L12/13.2:D	=Welder+L1_L12/13.3:D	Conductor / wire
	=Welder+L1_L13-R33:x2	=Welder+L1_L13-R34:x2				=Welder+L1_L12/13.3:D	=Welder+L1_L12/13.4:D	Conductor / wire
	=Welder+L1_L13-R34:x2	=Welder+L1_L13-R35:x2				=Welder+L1_L12/13.4:D	=Welder+L1_L12/13.5:D	Conductor / wire
	=Welder+L1_L13-R35:x2	=Welder+L1_L13-R36:x2				=Welder+L1_L12/13.5:D	=Welder+L1_L12/13.6:D	Conductor / wire
	=Welder+L1_L13-R36:x2	=Welder+L1_L13-R37:x2				=Welder+L1_L12/13.6:D	=Welder+L1_L12/13.7:D	Conductor / wire
	=Welder+L1_L13-R37:x2	=Welder+L1_L13-R38:x2				=Welder+L1_L12/13.7:D	=Welder+L1_L12/13.8:D	Conductor / wire
	=Welder+L1_L13-R38:x2	=Welder+L1_L13-R39:x2				=Welder+L1_L12/13.8:D	=Welder+L1_L12/13.9:D	Conductor / wire
		=Welder+L1_L12-PS3				=Welder+L1_L12/12.6:C	=Welder+L1_L12/11.3:C	Conductor / wire
	=Welder+L1_L12-A7	=Welder+L1_L12-PS4				=Welder+L1_L12/12.6:C	=Welder+L1_L12/11.5:C	Conductor / wire
	=Welder+L1_L12-A7	=Welder+L1_L12-PS5				=Welder+L1_L12/12.6:C	=Welder+L1_L12/11.7:C	Conductor / wire
	=Welder+L1_L12-A7	=Welder+L1_L12-PS6				=Welder+L1_L12/12.6:C	=Welder+L1_L12/11.9:C	Conductor / wire
		=Welder+L1_L12-F12:2				=Welder+L1_L12/12.6:C	=Welder+L1_L12/11.4:D	Conductor / wire
	=Welder+L1_L12-A7	=Welder+L1_L12-F14:2				=Welder+L1_L12/12.6:C	=Welder+L1_L12/11.8:D	Conductor / wire
	=Welder+L1_L12-A7	=Welder+L1_L12-F13:2				=Welder+L1_L12/12.6:C	=Welder+L1_L12/11.4:E	Conductor / wire
	=Welder+L1_L12-A7	=Welder+L1_L12-F12:2				=Welder+L1_L12/12.6:C	=Welder+L1_L12/11.8:E	Conductor / wire
	=Welder+L1_L11-Rect	=Welder+L1_L11-X1:15				=Welder+L1_L11/5.4:C	=Welder+L1_L11/10.8:C	Conductor / wire
	=Welder+L1_L11-C4:A1	=Welder+L1_L11-X1:12				=Welder+L1_L11/6.9:D	=Welder+L1_L11/10.7:C	Conductor / wire
	=Welder+L1_L11-FBs2	=Welder+L1_L11-X1:16				=Welder+L1_L11/9.2:B	=Welder+L1_L11/10.9:C	Conductor / wire
	=Welder+L1_L11-FBs2	=Welder+L1_L11-X1:17				=Welder+L1_L11/9.3:B	=Welder+L1_L11/10.9:C	Conductor / wire
	=Welder+L1_L11-X1:1	=Welder+L1_L11-X1:1				=Welder+L1_L11/10.2:C	=Welder+L1_L11/10.2:C	Wire jumper
	=Welder+L1_L11-X1:18	=Welder+L1_L11-X1:18				=Welder+L1_L11/10.10:C	=Welder+L1_L11/10.10:C	Wire jumper

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Connection	Source	Target	Cross-section	Color	Length	Page / column 1	Page / column 2	Function definition
	=Welder+L3-X2:10	=Welder+L3-X2:10				=Welder+L3/12.8:C	=Welder+L3/12.8:C	Wire jumper
	=Welder+L1_L11-PS1	=Welder+L1_L11-PS2		T17		=Welder+L1_L11/4.3:B	=Welder+L1_L11/4.7:B	Conductor / wire
	=Welder+L1_L11-F4:1	=Welder+L1_L11-F11:1				=Welder+L1_L11/3.2:A	=Welder+L1_L11/3.9:B	Conductor / wire
	=Welder+L1_L11-EX1:2	=Welder+L1_L11-PS1		S01		=Welder+L1_L11/3.6:B	=Welder+L1_L11/4.3:B	Conductor / wire
	=Welder+L1_L11-PS1	=Welder+L1_L13-EX2:2		S01		=Welder+L1_L11/4.3:B	=Welder+L1_L11/3.6:C	Conductor / wire
	=Welder+L1_L11-PS1	=Welder+L1_L13-EX3:2		S01		=Welder+L1_L11/4.3:B	=Welder+L1_L11/3.9:D	Conductor / wire
	=Welder+L1_L11-C3:A1	=Welder+L1_L11-OCR1:12				=Welder+L1_L11/6.8:D	=Welder+L1_L11/2.2:C	Conductor / wire
	=Welder+L1_L11-OCR1:11	=Welder+L1_L11-R0:14				=Welder+L1_L11/2.2:C	=Welder+L1_L11/6.6:C	Conductor / wire
	=Welder+L1_L11-Rect	=Welder+L1_L12-A7				=Welder+L1_L11/5.4:C	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-Rect	=Welder+L1_L12-A7				=Welder+L1_L11/5.4:C	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-C2:2	=Welder+L1_L12-P55		R5		=Welder+L1_L11/4.9:C	=Welder+L1_L12/11.7:C	Conductor / wire
	=Welder+L1_L11-PRT1:12	=Welder+L1_L11-T1:12				=Welder+L1_L11/1.7:B	=Welder+L1_L11/1.8:A	Conductor / wire
	=Welder+L1_L11-F10:11	=Welder+L1_L11-PS2				=Welder+L1_L11/2.4:B	=Welder+L1_L11/4.7:B	Conductor / wire
	=Welder+L1_L11-X1:6	=Welder+L1_L12-A7				=Welder+L1_L11/10.4:C	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-X1:5	=Welder+L1_L12-A7				=Welder+L1_L11/10.4:C	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L3-SW:11	=Welder+L3-X2:3				=Welder+L3/11.3:B	=Welder+L3/12.4:C	Conductor / wire
	=Welder+L3-X2:2	=Welder+L3-X2:2				=Welder+L3/12.3:C	=Welder+L3/12.3:C	Wire jumper
	=Welder+L3-X2:3	=Welder+L3-X2:3				=Welder+L3/12.4:C	=Welder+L3/12.4:C	Wire jumper
	=Welder+L3-X2:6	=Welder+L3-X2:6				=Welder+L3/12.6:C	=Welder+L3/12.6:C	Wire jumper
	=Welder+L1_L11-X1:9	=Welder+L3-EM:11				=Welder+L1_L11/10.6:C	=Welder+L3/11.4:B	Conductor / wire
	=Welder+L1_L11-X1:10	=Welder+L3-X2:2				=Welder+L1_L11/10.6:C	=Welder+L3/12.3:C	Conductor / wire
	=Welder+L1_L11-X1:11	=Welder+L3-X2:3				=Welder+L1_L11/10.7:C	=Welder+L3/12.4:C	Conductor / wire
	=Welder+L1_L11-X1:14	=Welder+L3-X2:6				=Welder+L1_L11/10.8:C	=Welder+L3/12.6:C	Conductor / wire
	=Welder+L1_L11-E.M:18	=Welder+L1_L11-PLC1:+				=Welder+L1_L11/7.3:B	=Welder+L1_L11/7.6:B	Conductor / wire
	=Welder+L1_L11-A2	=Welder+L1_L12-A7				=Welder+L1_L11/5.7:D	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-A2	=Welder+L1_L12-A7				=Welder+L1_L11/5.7:D	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L12-A7	=Welder+L1_L12-DRV2				=Welder+L1_L12/12.6:C	=Welder+L1_L12/13.8:B	Conductor / wire
	=Welder+L1_L12-A7	=Welder+L1_L12-DRV2				=Welder+L1_L12/12.6:C	=Welder+L1_L12/13.8:B	Conductor / wire
	=Welder+L1_L12-A7	=Welder+L1_L12-DRV1				=Welder+L1_L12/12.6:C	=Welder+L1_L12/13.3:B	Conductor / wire
	=Welder+L1_L12-A7	=Welder+L1_L12-DRV1				=Welder+L1_L12/12.6:C	=Welder+L1_L12/13.3:B	Conductor / wire
	=Welder+L1_L12-A7	=Welder+L1_L13-R32:x2				=Welder+L1_L12/12.6:C	=Welder+L1_L12/13.2:D	Conductor / wire
	=Welder+L1_L12-A7	=Welder+L1_L13-R32:x2				=Welder+L1_L12/12.6:C	=Welder+L1_L12/13.2:D	Conductor / wire
	=Welder+L1_L12-A7	=Welder+L2-A5				=Welder+L1_L12/12.6:C	=Welder+L2/11.2:B	Conductor / wire
	=Welder+L1_L13-CT6	=Welder+L1_L13-CT7				=Welder+L1_L13/15.4:A	=Welder+L1_L13/15.4:D	Conductor / wire
	=Welder+L1_L13-CT10	=Welder+L1_L13-CT11				=Welder+L1_L13/15.6:D	=Welder+L1_L13/15.6:A	Conductor / wire
	=Welder+L1_L11-A2	=Welder+L1_L11-PS1				=Welder+L1_L11/5.7:D	=Welder+L1_L11/4.3:B	Conductor / wire
	=Welder+L1_L11-F10:11	=Welder+L1_L11-R0:A2				=Welder+L1_L11/2.4:B	=Welder+L1_L11/6.3:B	Conductor / wire
	=Welder+L1_L11-F10:11	=Welder+L1_L12-A7				=Welder+L1_L11/2.4:B	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L12-A7	=Welder+L1_L12-A7				=Welder+L1_L12/12.6:C	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-R2:14	=Welder+L1_L12-A7		06		=Welder+L1_L11/6.7:A	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-R3:14	=Welder+L1_L12-A7		04		=Welder+L1_L11/6.9:A	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-R4:12	=Welder+L1_L12-A7		05		=Welder+L1_L11/6.8:A	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-Rect	=Welder+L1_L12-A7				=Welder+L1_L11/5.4:C	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-R4:13	=Welder+L1_L12-A7				=Welder+L1_L11/6.10:A	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-FBs2-AG	=Welder+L1_L12-A7				=Welder+L1_L11/9.3:B	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-FBs2-AG	=Welder+L1_L12-A7				=Welder+L1_L11/9.4:B	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-X1:13	=Welder+L1_L12-A7				=Welder+L1_L11/10.8:C	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-Rect	=Welder+L1_L12-A7				=Welder+L1_L11/5.4:C	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-Rect	=Welder+L1_L12-A7				=Welder+L1_L11/5.4:C	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-C3:8	=Welder+L1_L12-A7		91		=Welder+L1_L11/2.2:D	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-X1:7	=Welder+L1_L11-X1:7				=Welder+L1_L11/10.5:C	=Welder+L1_L11/10.5:C	Wire jumper
	=Welder+L1_L11-X1:8	=Welder+L1_L12-A7				=Welder+L1_L11/10.5:C	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-R5:11	=Welder+L1_L12-A7				=Welder+L1_L11/6.6:B	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L12-A7	=Welder+L1_L13-R37:x1				=Welder+L1_L12/12.6:C	=Welder+L1_L12/13.7:D	Conductor / wire
	=Welder+L1_L12-A7	=Welder+L1_L13-R36:x1				=Welder+L1_L12/12.6:C	=Welder+L1_L12/13.6:D	Conductor / wire
	=Welder+L1_L12-A7	=Welder+L1_L13-R38:x1				=Welder+L1_L12/12.6:C	=Welder+L1_L12/13.8:D	Conductor / wire
	=Welder+L1_L12-A7	=Welder+L1_L13-R39:x1				=Welder+L1_L12/12.6:C	=Welder+L1_L12/13.9:D	Conductor / wire

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## Connection list

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Connection	Source	Target	Cross-section	Color	Length	Page / column 1	Page / column 2	Function definition
	=Welder+L1_L12-A7	=Welder+L1_L13-R32:x1				=Welder+L1_L12/12.6:C	=Welder+L1_L12/13.2:D	Conductor / wire
	=Welder+L1_L12-A7	=Welder+L1_L13-R33:x1				=Welder+L1_L12/12.6:C	=Welder+L1_L12/13.3:D	Conductor / wire
	=Welder+L1_L12-A7	=Welder+L1_L13-R34:x1				=Welder+L1_L12/12.6:C	=Welder+L1_L12/13.4:D	Conductor / wire
	=Welder+L1_L12-A7	=Welder+L1_L13-R35:x1				=Welder+L1_L12/12.6:C	=Welder+L1_L12/13.5:D	Conductor / wire
	=Welder+L1_L13-CT4	=Welder+L1_L13-CT6				=Welder+L1_L13/14.4:A	=Welder+L1_L13/15.4:A	Conductor / wire
	=Welder+L1_L13-CT9	=Welder+L1_L13-CT11				=Welder+L1_L13/14.7:A	=Welder+L1_L13/15.6:A	Conductor / wire
	=Welder+L1_L13-CT5	=Welder+L1_L13-CT7				=Welder+L1_L13/14.4:D	=Welder+L1_L13/15.4:D	Conductor / wire
	=Welder+L1_L13-CT8	=Welder+L1_L13-CT10				=Welder+L1_L13/14.7:D	=Welder+L1_L13/15.6:D	Conductor / wire
	=Welder+L1_L13-CT4	=Welder+L1_L13-CT5				=Welder+L1_L13/14.4:A	=Welder+L1_L13/14.4:D	Conductor / wire
	=Welder+L1_L13-CT8	=Welder+L1_L13-CT9				=Welder+L1_L13/14.7:D	=Welder+L1_L13/14.7:A	Conductor / wire
	=Welder+L1_L12-DRV1	=Welder+L1_L13-GB1:A	OUTA11			=Welder+L1_L12/13.3:B	=Welder+L1_L13/14.3:B	Conductor / wire
	=Welder+L1_L12-DRV1	=Welder+L1_L13-GB2:A	OUTA12			=Welder+L1_L12/13.3:B	=Welder+L1_L13/14.3:C	Conductor / wire
	=Welder+L1_L12-DRV1	=Welder+L1_L13-GB6:A	OUTA21			=Welder+L1_L12/13.3:B	=Welder+L1_L13/14.9:B	Conductor / wire
	=Welder+L1_L12-DRV1	=Welder+L1_L13-GB5:A	OUTA22			=Welder+L1_L12/13.3:B	=Welder+L1_L13/14.9:C	Conductor / wire
	=Welder+L1_L13-A4	=Welder+L1_L13-E18:A				=Welder+L1_L13/15.10:A	=Welder+L1_L13/15.7:B	Conductor / wire
	=Welder+L1_L12-DRV2	=Welder+L1_L13-GB8:A	OUTB21			=Welder+L1_L12/13.8:B	=Welder+L1_L13/15.8:B	Conductor / wire
	=Welder+L1_L12-DRV2	=Welder+L1_L13-GB7:A	OUTB22			=Welder+L1_L12/13.8:B	=Welder+L1_L13/15.8:C	Conductor / wire
	=Welder+L1_L12-DRV2	=Welder+L1_L13-GB4:A	OUTB12			=Welder+L1_L12/13.8:B	=Welder+L1_L13/15.2:C	Conductor / wire
	=Welder+L1_L12-DRV2	=Welder+L1_L13-GB3:A	OUTB11			=Welder+L1_L12/13.8:B	=Welder+L1_L13/15.2:B	Conductor / wire
	=Welder+L1_L12-A7	=Welder+L1_L13-A4	VS8			=Welder+L1_L12/12.6:C	=Welder+L1_L13/15.10:A	Conductor / wire
	=Welder+L1_L13-E6:K	=Welder+L1_L13-E10:K	L-			=Welder+L1_L13/14.4:D	=Welder+L1_L13/15.3:D	Conductor / wire
	=Welder+L1_L13-E6:K	=Welder+L1_L13-E15:K	L-			=Welder+L1_L13/14.4:D	=Welder+L1_L13/15.7:D	Conductor / wire
	=Welder+L1_L13-E10:K	=Welder+L1_L13-E11:K	L-			=Welder+L1_L13/15.3:D	=Welder+L1_L13/14.8:D	Conductor / wire
	=Welder+L1_L13-E11:K	=Welder+L1_L13-E15:K	L-			=Welder+L1_L13/14.8:D	=Welder+L1_L13/15.7:D	Conductor / wire
	=Welder+L1_L11-PLC1	=Welder+L1_L11-PLC1				=Welder+L1_L11/7.5:B	=Welder+L1_L11/7.5:D	Conductor / wire
	=Welder+L1_L11-H6:x2	=Welder+L1_L11-T.S4:17				=Welder+L1_L11/7.9:D	=Welder+L1_L11/7.2:C	Conductor / wire
	=Welder+L1_L11-H4:x2	=Welder+L1_L11-T.S4:17				=Welder+L1_L11/7.9:E	=Welder+L1_L11/7.2:C	Conductor / wire
	=Welder+L1_L11-H5:x2	=Welder+L1_L11-T.S4:17				=Welder+L1_L11/7.9:E	=Welder+L1_L11/7.2:C	Conductor / wire
	=Welder+L1_L11-PLC1-COM	=Welder+L1_L11-PRT3:11				=Welder+L1_L11/7.6:B	=Welder+L1_L11/1.8:B	Conductor / wire
	=Welder+L1_L11-T.S1:18	=Welder+L1_L11-T.1:11				=Welder+L1_L11/7.3:B	=Welder+L1_L11/1.10:A	Conductor / wire
	=Welder+L1_L11-RTD16:+	=Welder+L1_L13-SNB1	T206			=Welder+L1_L11/8.4:B	=Welder+L1_L13/14.5:B	Conductor / wire
	=Welder+L1_L11-RTD16:+	=Welder+L1_L13-SNB2	T207			=Welder+L1_L11/8.5:B	=Welder+L1_L13/14.5:C	Conductor / wire
	=Welder+L1_L11-RTD16:+	=Welder+L1_L13-SNB6	T211			=Welder+L1_L11/8.7:B	=Welder+L1_L13/14.7:B	Conductor / wire
	=Welder+L1_L11-RTD16:+	=Welder+L1_L13-SNB5	T210			=Welder+L1_L11/8.6:B	=Welder+L1_L13/14.7:C	Conductor / wire
	=Welder+L1_L11-RTD16:+	=Welder+L1_L13-SNB3	T208			=Welder+L1_L11/8.5:B	=Welder+L1_L13/15.4:B	Conductor / wire
	=Welder+L1_L11-RTD16:+	=Welder+L1_L13-SNB4	T209			=Welder+L1_L11/8.6:B	=Welder+L1_L13/15.4:C	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L1_L13-SNB8	T213			=Welder+L1_L11/8.3:D	=Welder+L1_L13/15.7:B	Conductor / wire
	=Welder+L1_L11-RTD16:+	=Welder+L1_L13-SNB7	T212			=Welder+L1_L11/8.7:B	=Welder+L1_L13/15.7:C	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L1_L13-PT1:x1	COM			=Welder+L1_L11/8.4:D	=Welder+L1_L13/14.4:E	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L1_L13-PT1:x2	T214			=Welder+L1_L11/8.4:D	=Welder+L1_L13/14.4:E	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L1_L13-PT1:x2	T215			=Welder+L1_L11/8.4:D	=Welder+L1_L13/14.7:E	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L1_L13-PT4:x2	T217			=Welder+L1_L11/8.5:D	=Welder+L1_L13/15.4:E	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L1_L13-PT3:x2	T216			=Welder+L1_L11/8.5:D	=Welder+L1_L13/15.6:E	Conductor / wire
	=Welder+L1_L11-PLC1-COM	=Welder+L1_L11-RTD16				=Welder+L1_L11/7.5:B	=Welder+L1_L11/8.4:B	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L1_L13-SNB8	T218			=Welder+L1_L11/8.6:D	=Welder+L2/11.5:D	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L2-A6	T219			=Welder+L1_L11/8.6:D	=Welder+L2/11.8:D	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L2-PT6:x2	T220			=Welder+L1_L11/8.7:D	=Welder+L2/11.9:D	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L2-PT7:x2				=Welder+L3/11.4:B	=Welder+L3/12.2:C	Conductor / wire
	=Welder+L3-EM:11	=Welder+L3-X2:1				=Welder+L3/11.4:B	=Welder+L3/12.2:C	Conductor / wire
	=Welder+L3-EM:11	=Welder+L3-X2:1				=Welder+L1_L11/8.4:B	=Welder+L1_L11/10.8:C	Conductor / wire
	=Welder+L1_L11-Rect	=Welder+L1_L11-X1:14				=Welder+L1_L11/5.4:C	=Welder+L1_L13/14.5:C	Conductor / wire
	=Welder+L1_L13-SNB1	=Welder+L1_L13-SNB2				=Welder+L1_L13/14.5:B	=Welder+L1_L13/14.7:C	Conductor / wire
	=Welder+L1_L13-SNB5	=Welder+L1_L13-SNB6				=Welder+L1_L13/14.7:C	=Welder+L1_L13/15.4:B	Conductor / wire
	=Welder+L1_L13-SNB3	=Welder+L1_L13-SNB4				=Welder+L1_L13/15.4:B	=Welder+L1_L13/15.4:C	Conductor / wire
	=Welder+L1_L13-SNB7	=Welder+L1_L13-SNB8				=Welder+L1_L13/15.7:C	=Welder+L1_L13/15.7:B	Conductor / wire
	=Welder+L1_L13-PT1:x1	=Welder+L1_L13-PT4:x1				=Welder+L1_L13/14.7:E	=Welder+L1_L13/15.4:E	Conductor / wire
	=Welder+L1_L13-E3:A	=Welder+L1_L13-E7:A	L+			=Welder+L1_L13/14.4:B	=Welder+L1_L13/15.3:B	Conductor / wire
	=Welder+L1_L13-E7:A	=Welder+L1_L13-E14:A	L+			=Welder+L1_L13/15.3:B	=Welder+L1_L13/14.8:B	Conductor / wire

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## Connection list

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Connection	Source	Target	Cross-section	Color	Length	Page / column 1	Page / column 2	Function definition
	=Welder+L1_L13-E3:A	=Welder+L1_L13-E18:A		L+		=Welder+L1_L13/14.4:B	=Welder+L1_L13/15.7:B	Conductor / wire
	=Welder+L1_L13-E14:A	=Welder+L1_L13-E18:A		L+		=Welder+L1_L13/14.8:B	=Welder+L1_L13/15.7:B	Conductor / wire
	=Welder+L1_L13-E5:E	=Welder+L2-A5				=Welder+L1_L13/14.4:C	=Welder+L2/11.2:B	Conductor / wire
	=Welder+L1_L13-SNB2	=Welder+L2-A5				=Welder+L1_L13/14.5:C	=Welder+L2/11.2:B	Conductor / wire
	=Welder+L1_L13-E9:E	=Welder+L2-A5				=Welder+L1_L13/15.3:C	=Welder+L2/11.2:B	Conductor / wire
	=Welder+L1_L13-SNB4	=Welder+L2-A5				=Welder+L1_L13/15.4:C	=Welder+L2/11.2:B	Conductor / wire
	=Welder+L1_L13-E12:E	=Welder+L2-A5				=Welder+L1_L13/14.8:C	=Welder+L2/11.2:B	Conductor / wire
	=Welder+L1_L13-SNB5	=Welder+L2-A5				=Welder+L1_L13/14.7:C	=Welder+L2/11.2:B	Conductor / wire
	=Welder+L1_L13-E16:E	=Welder+L2-A5				=Welder+L1_L13/15.7:C	=Welder+L2/11.2:B	Conductor / wire
	=Welder+L1_L13-SNB7	=Welder+L2-A5				=Welder+L1_L13/15.7:C	=Welder+L2/11.2:B	Conductor / wire
	=Welder+L1_L11-PLC1	=Welder+L3-A9				=Welder+L1_L11/7.5:D	=Welder+L3/11.8:C	Conductor / wire
	=Welder+L1_L11-PLC1-COM	=Welder+L1_L12-A7		76		=Welder+L1_L11/7.9:B	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-PLC1-COM	=Welder+L1_L12-A7		74		=Welder+L1_L11/7.8:B	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-PLC1-COM	=Welder+L1_L12-A7		72		=Welder+L1_L11/7.8:B	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-PLC1-COM	=Welder+L1_L12-A7		70		=Welder+L1_L11/7.7:B	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-PLC1-+	=Welder+L1_L12-A7		73		=Welder+L1_L11/7.8:B	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-PLC1-+	=Welder+L1_L12-A7		71		=Welder+L1_L11/7.7:B	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-PLC1-+	=Welder+L1_L12-A7		69		=Welder+L1_L11/7.7:B	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-FBs-8X	=Welder+L1_L12-A7		81		=Welder+L1_L11/9.8:D	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-FBs-8X	=Welder+L1_L12-A7		83		=Welder+L1_L11/9.9:D	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-FBs-8X-PE	=Welder+L1_L12-A7		84		=Welder+L1_L11/9.9:D	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-FBs-8X-SS	=Welder+L1_L12-A7		77		=Welder+L1_L11/9.8:B	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-FBs-8X	=Welder+L1_L12-A7		78		=Welder+L1_L11/9.8:B	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-FBs-8X	=Welder+L1_L12-A7		80		=Welder+L1_L11/9.9:B	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-PLC1-+	=Welder+L1_L12-A7		75		=Welder+L1_L11/7.8:B	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-FBs-8X-SS	=Welder+L1_L12-A7		79		=Welder+L1_L11/9.8:B	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-FBs-8X-PE	=Welder+L1_L12-A7		82		=Welder+L1_L11/9.8:D	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L1_L11-PLC1-COM	=Welder+L1_L12-A7		68		=Welder+L1_L11/7.7:B	=Welder+L1_L12/12.6:C	Conductor / wire
	=Welder+L3-X2:5	=Welder+L3-X2:5				=Welder+L3/12.5:C	=Welder+L3/12.5:C	Wire jumper
	=Welder+L3-X2:8	=Welder+L3-X2:8				=Welder+L3/12.7:C	=Welder+L3/12.7:C	Wire jumper
	=Welder+L3-X2:4	=Welder+L3-X2:4				=Welder+L3/12.4:C	=Welder+L3/12.4:C	Wire jumper
	=Welder+L3-X2:9	=Welder+L3-X2:9				=Welder+L3/12.8:C	=Welder+L3/12.8:C	Wire jumper
	=Welder+L1_L11-PS1	=Welder+L1_L11-PS2		T17		=Welder+L1_L11/4.3:B	=Welder+L1_L11/4.7:B	Conductor / wire
	RI	=Welder+L1_L11-F1:1	120			=Welder+L1_L11/1.1:B	=Welder+L1_L11/1.2:B	Conductor / wire
	SI	=Welder+L1_L11-F1:3	120			=Welder+L1_L11/1.1:B	=Welder+L1_L11/1.2:B	Conductor / wire
	TI	=Welder+L1_L11-F1:5	120			=Welder+L1_L11/1.1:B	=Welder+L1_L11/1.2:B	Conductor / wire
	=Welder+L1_L11-Rect	=Welder+L1_L11-T1	120			=Welder+L1_L11/5.4:C	=Welder+L1_L11/1.9:B	Conductor / wire
	=Welder+L1_L11-Rect	=Welder+L1_L11-T1	120			=Welder+L1_L11/5.4:C	=Welder+L1_L11/1.9:B	Conductor / wire
	=Welder+L1_L11-Rect	=Welder+L1_L11-T1	120			=Welder+L1_L11/5.4:C	=Welder+L1_L11/1.9:B	Conductor / wire
	=Welder+L1_L11-E2:x1	=Welder+L1_L11-FL1:x2	16			=Welder+L1_L11/5.8:B	=Welder+L1_L11/5.9:C	Conductor / wire
	=Welder+L1_L11-FL1:x2	=Welder+L1_L13-E3:A	16	L+		=Welder+L1_L11/5.9:C	=Welder+L1_L13/14.4:B	Conductor / wire
	=Welder+L1_L11-FL1:x2	=Welder+L1_L13-E14:A	16	L+		=Welder+L1_L11/5.9:C	=Welder+L1_L13/14.8:B	Conductor / wire
	=Welder+L1_L11-F1:6	=Welder+L1_L11-F2:1	1.5	R		=Welder+L1_L11/1.2:B	=Welder+L1_L11/1.3:C	Conductor / wire
	=Welder+L1_L11-F1:4	=Welder+L1_L11-F2:3	1.5	S		=Welder+L1_L11/1.2:B	=Welder+L1_L11/1.3:C	Conductor / wire
	=Welder+L1_L11-F1:2	=Welder+L1_L11-F2:5	1.5	T		=Welder+L1_L11/1.2:B	=Welder+L1_L11/1.3:C	Conductor / wire
	=Welder+L1_L11-CT1	=Welder+L1_L11-F2:5	1.5	T		=Welder+L1_L11/1.4:B	=Welder+L1_L11/1.3:C	Direct connection
	=Welder+L1_L11-CT3	=Welder+L1_L11-F2:1	1.5	R		=Welder+L1_L11/1.6:B	=Welder+L1_L11/1.3:C	Direct connection
	=Welder+L1_L11-CT2	=Welder+L1_L11-F2:3	1.5	S		=Welder+L1_L11/1.5:B	=Welder+L1_L11/1.3:C	Direct connection
	=Welder+L1_L11-F2:5	=Welder+L1_L11-F10:1	1.5	T		=Welder+L1_L11/1.3:C	=Welder+L1_L11/2.2:B	Direct connection
	=Welder+L1_L11-F2:3	=Welder+L1_L11-F10:3	1.5	S		=Welder+L1_L11/1.3:C	=Welder+L1_L11/2.2:B	Direct connection
	=Welder+L1_L11-F2:1	=Welder+L1_L11-F10:5	1.5	R		=Welder+L1_L11/1.3:C	=Welder+L1_L11/2.2:B	Direct connection
	=Welder+L1_L11-F3:4	=Welder+L1_L11-T3:1	1.5	T2		=Welder+L1_L11/2.6:B	=Welder+L1_L11/2.6:D	Conductor / wire
	=Welder+L1_L11-F3:2	=Welder+L1_L11-T3:2	1.5	R2		=Welder+L1_L11/2.6:B	=Welder+L1_L11/2.6:D	Conductor / wire
	=Welder+L1_L11-F4:1	=Welder+L1_L11-T3:4	1.5			=Welder+L1_L11/3.2:A	=Welder+L1_L11/2.6:D	Conductor / wire
	=Welder+L1_L11-H1:x1	=Welder+L1_L11-T3:3	1			=Welder+L1_L11/3.3:B	=Welder+L1_L11/2.6:D	Conductor / wire
	=Welder+L1_L11-T3:3	=Welder+L1_L13-H2:x1	1			=Welder+L1_L11/2.6:D	=Welder+L1_L11/3.3:C	Conductor / wire
	=Welder+L1_L11-T3:3	=Welder+L1_L13-H3:x1	1			=Welder+L1_L11/2.6:D	=Welder+L1_L11/3.3:C	Conductor / wire

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## Connection list

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## Device tag list

F03\_001

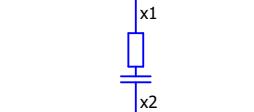
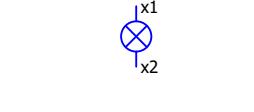
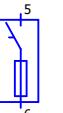
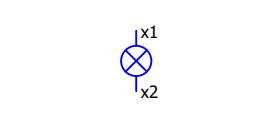
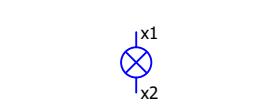
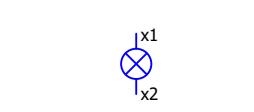
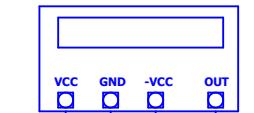
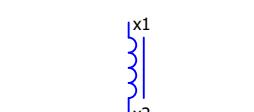
A	Device tag Part number Type number	Function text Article designation	X-Ref	Symbol	Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
	=Welder+L1_L11-A2		=Welder+L1_L11/5.7:D				=Welder+L1_L11/5.7:C	
B	=Welder+L1_L11-B1		=Welder+L1_L11/5.5:C				=Welder+L1_L11/7.3:B	
C	=Welder+L1_L11-C1		=Welder+L1_L11/1.6:B				=Welder+L1_L11/5.8:B	
	=Welder+L1_L11-C2		=Welder+L1_L11/4.9:C				=Welder+L1_L11/3.6:B	
	=Welder+L1_L11-C3		=Welder+L1_L11/2.2:D				=Welder+L1_L11/1.2:B	
D	=Welder+L1_L11-C4		=Welder+L1_L11/6.9:D				=Welder+L1_L11/1.3:C	
	=Welder+L1_L11-CT1		=Welder+L1_L11/1.4:B				=Welder+L1_L11/2.6:B	
	=Welder+L1_L11-CT2		=Welder+L1_L11/1.5:B				=Welder+L1_L11/3.2:A	
E	=Welder+L1_L11-CT3		=Welder+L1_L11/1.6:B				=Welder+L1_L11/4.9:A	

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# Device tag list

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A	Device tag Part number Type number	Function text Article designation	X-Ref	Symbol		Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
B	=Welder+L1_L11-F6		=Welder+L1_L11/4.7:C			=Welder+L1_L11-FBs2		=Welder+L1_L11/9.2:B	
	=Welder+L1_L11-F7		=Welder+L1_L11/4.4:C			=Welder+L1_L11-FBs2-AG		=Welder+L1_L11/9.3:B	
	=Welder+L1_L11-F8		=Welder+L1_L11/4.3:C			=Welder+L1_L11-FL1		=Welder+L1_L11/5.9:C	
	=Welder+L1_L11-F9		=Welder+L1_L11/4.9:B			=Welder+L1_L11-H1		=Welder+L1_L11/3.3:B	
	=Welder+L1_L11-F10		=Welder+L1_L11/2.2:B			=Welder+L1_L11-H4		=Welder+L1_L11/7.9:E	
	=Welder+L1_L11-F11		=Welder+L1_L11/3.9:B			=Welder+L1_L11-H5		=Welder+L1_L11/7.9:E	
	=Welder+L1_L11-FBs-8X		=Welder+L1_L11/9.7:B			=Welder+L1_L11-H6		=Welder+L1_L11/7.9:D	
	=Welder+L1_L11-FBs-8X-PE		=Welder+L1_L11/9.7:D			=Welder+L1_L11-HALLSENSOR		=Welder+L1_L11/5.5:B	
	=Welder+L1_L11-FBs-8X-SS		=Welder+L1_L11/9.7:B			=Welder+L1_L11-L1		=Welder+L1_L11/5.8:C	

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## Device tag list

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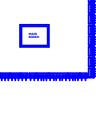
A	Device tag Part number Type number	Function text Article designation	X-Ref	Symbol		Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
B	=Welder+L1_L11-M1	FAN	=Welder+L1_L11/3.5:B			=Welder+L1_L11-PLC1-N		=Welder+L1_L11/7.5:D	
	=Welder+L1_L11-METER1		=Welder+L1_L11/1.5:D			=Welder+L1_L11-PRT1		=Welder+L1_L11/1.7:B	
	=Welder+L1_L11-MS1		=Welder+L1_L11/3.3:B			=Welder+L1_L11-PRT2		=Welder+L1_L11/1.7:B	
	=Welder+L1_L11-OCR		=Welder+L1_L11/2.2:C			=Welder+L1_L11-PRT3		=Welder+L1_L11/1.8:B	
	=Welder+L1_L11-OCR1		=Welder+L1_L11/6.4:D			=Welder+L1_L11-PS1		=Welder+L1_L11/4.3:B	
	=Welder+L1_L11-PLC1		=Welder+L1_L11/7.4:B			=Welder+L1_L11-PS2		=Welder+L1_L11/4.7:B	
	=Welder+L1_L11-PLC1++		=Welder+L1_L11/7.5:B			=Welder+L1_L11-R0		=Welder+L1_L11/6.3:B	
	=Welder+L1_L11-PLC1-COM		=Welder+L1_L11/7.5:B			=Welder+L1_L11-R1		=Welder+L1_L11/6.4:C	
	=Welder+L1_L11-PLC1-L		=Welder+L1_L11/7.5:D			=Welder+L1_L11-R2		=Welder+L1_L11/6.3:B	

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## Device tag list

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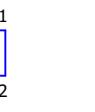
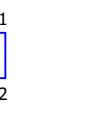
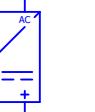
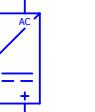
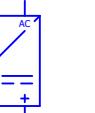
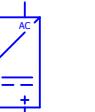
A	Device tag Part number Type number	Function text Article designation	X-Ref	Symbol		Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
B	=Welder+L1_L11-R3		=Welder+L1_L11/6.4:B			=Welder+L1_L11-T.S4		=Welder+L1_L11/7.2:C	
	=Welder+L1_L11-R4		=Welder+L1_L11/6.4:B			=Welder+L1_L11-T1	CHOKE	=Welder+L1_L11/1.9:B	
	=Welder+L1_L11-R5		=Welder+L1_L11/6.5:B			=Welder+L1_L11-T2	DC LINK	=Welder+L1_L11/5.7:B	
	=Welder+L1_L11-RTD16		=Welder+L1_L11/8.3:B			=Welder+L1_L11-T3		=Welder+L1_L11/2.6:D	
	=Welder+L1_L11-RTD16-+		=Welder+L1_L11/8.4:B			=Welder+L1_L11-X1		=Welder+L1_L11/10.2:C	
	=Welder+L1_L11-Rect		=Welder+L1_L11/5.4:C			=Welder+L1_L12-A7		=Welder+L1_L12/12.6:C	
	=Welder+L1_L11-T.S1		=Welder+L1_L11/7.3:B			=Welder+L1_L12-DRV1		=Welder+L1_L12/13.3:B	
	=Welder+L1_L11-T.S2		=Welder+L1_L11/7.2:B			=Welder+L1_L12-DRV2		=Welder+L1_L12/13.8:B	
	=Welder+L1_L11-T.S3		=Welder+L1_L11/7.2:B			=Welder+L1_L12-F12		=Welder+L1_L12/11.4:D	

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## Device tag list

F03\_001

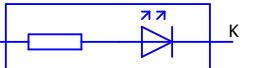
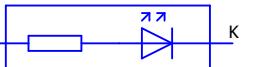
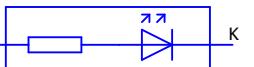
A	Device tag Part number Type number	Function text Article designation	X-Ref	Symbol		Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
B	=Welder+L1_L12-F13		=Welder+L1_L12/11.4:E			=Welder+L1_L13-CT6		=Welder+L1_L13/15.4:A	
	=Welder+L1_L12-F14		=Welder+L1_L12/11.8:D			=Welder+L1_L13-CT7		=Welder+L1_L13/15.4:D	
	=Welder+L1_L12-PS3		=Welder+L1_L12/11.3:C			=Welder+L1_L13-CT8		=Welder+L1_L13/14.7:D	
	=Welder+L1_L12-PS4		=Welder+L1_L12/11.5:C			=Welder+L1_L13-CT9		=Welder+L1_L13/14.7:A	
	=Welder+L1_L12-PS5		=Welder+L1_L12/11.7:C			=Welder+L1_L13-CT10		=Welder+L1_L13/15.6:D	
	=Welder+L1_L12-PS6		=Welder+L1_L12/11.9:C			=Welder+L1_L13-CT11		=Welder+L1_L13/15.6:A	
	=Welder+L1_L13-A4		=Welder+L1_L13/15.10:A			=Welder+L1_L13-E3		=Welder+L1_L13/14.4:B	
	=Welder+L1_L13-CT4		=Welder+L1_L13/14.4:A			=Welder+L1_L13-E4		=Welder+L1_L13/14.4:B	
	=Welder+L1_L13-CT5		=Welder+L1_L13/14.4:D			=Welder+L1_L13-E5		=Welder+L1_L13/14.4:C	

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## Device tag list

F03\_001

A	Device tag Part number Type number	Function text Article designation	X-Ref	Symbol		Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
	=Welder+L1_L13-E6		=Welder+L1_L13/14.4:D			=Welder+L1_L13-E15		=Welder+L1_L13/15.7:D	
B	=Welder+L1_L13-E7		=Welder+L1_L13/15.3:B			=Welder+L1_L13-E16		=Welder+L1_L13/15.7:C	
C	=Welder+L1_L13-E8		=Welder+L1_L13/15.3:B			=Welder+L1_L13-E17		=Welder+L1_L13/15.7:B	
D	=Welder+L1_L13-E9		=Welder+L1_L13/15.3:C			=Welder+L1_L13-E18		=Welder+L1_L13/15.7:B	
E	=Welder+L1_L13-E10		=Welder+L1_L13/15.3:D			=Welder+L1_L13-EX2		=Welder+L1_L11/3.6:C	
	=Welder+L1_L13-E11		=Welder+L1_L13/14.8:D			=Welder+L1_L13-EX3		=Welder+L1_L11/3.9:D	
	=Welder+L1_L13-E12		=Welder+L1_L13/14.8:C			=Welder+L1_L13-GB1		=Welder+L1_L13/14.3:B	
	=Welder+L1_L13-E13		=Welder+L1_L13/14.8:B			=Welder+L1_L13-GB2		=Welder+L1_L13/14.3:C	
	=Welder+L1_L13-E14		=Welder+L1_L13/14.8:B			=Welder+L1_L13-GB3		=Welder+L1_L13/15.2:B	

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## Device tag list

F03\_001

A	Device tag Part number Type number	Function text Article designation	X-Ref	Symbol		Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
	=Welder+L1_L13-GB4		=Welder+L1_L13/15.2:C			=Welder+L1_L13-MS3		=Welder+L1_L11/3.3:D	
B	=Welder+L1_L13-GB5		=Welder+L1_L13/14.9:C			=Welder+L1_L13-PT1		=Welder+L1_L13/14.4:E	
C	=Welder+L1_L13-GB6		=Welder+L1_L13/14.9:B			=Welder+L1_L13-PT3		=Welder+L1_L13/15.6:E	
D	=Welder+L1_L13-GB7		=Welder+L1_L13/15.8:C			=Welder+L1_L13-PT4		=Welder+L1_L13/15.4:E	
E	=Welder+L1_L13-GB8		=Welder+L1_L13/15.8:B			=Welder+L1_L13-R32		=Welder+L1_L12/13.2:D	
	=Welder+L1_L13-H2		=Welder+L1_L11/3.3:C			=Welder+L1_L13-R33		=Welder+L1_L12/13.3:D	
	=Welder+L1_L13-H3		=Welder+L1_L11/3.3:C			=Welder+L1_L13-R34		=Welder+L1_L12/13.4:D	
	=Welder+L1_L13-M2	FAN	=Welder+L1_L11/3.5:C			=Welder+L1_L13-R35		=Welder+L1_L12/13.5:D	
	=Welder+L1_L13-MS2		=Welder+L1_L11/3.3:C			=Welder+L1_L13-R36		=Welder+L1_L12/13.6:D	

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## Device tag list

F03\_001

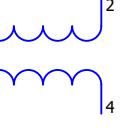
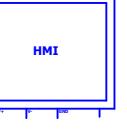
A	Device tag Part number Type number	Function text Article designation	X-Ref	Symbol		Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
	=Welder+L1_L13-R37		=Welder+L1_L12/13.7:D			=Welder+L1_L13-SNB7		=Welder+L1_L13/15.7:C	
B	=Welder+L1_L13-R38		=Welder+L1_L12/13.8:D			=Welder+L1_L13-SNB8		=Welder+L1_L13/15.7:B	
	=Welder+L1_L13-R39		=Welder+L1_L12/13.9:D			=Welder+L2-A5		=Welder+L2/11.2:B	
C	=Welder+L1_L13-SNB1		=Welder+L1_L13/14.5:B			=Welder+L2-A6		=Welder+L2/11.5:D	
	=Welder+L1_L13-SNB2		=Welder+L1_L13/14.5:C			=Welder+L2-CAP1		=Welder+L2/11.4:B	
D	=Welder+L1_L13-SNB3		=Welder+L1_L13/15.4:B			=Welder+L2-CAP2		=Welder+L2/11.4:B	
	=Welder+L1_L13-SNB4		=Welder+L1_L13/15.4:C			=Welder+L2-CAP3		=Welder+L2/11.5:B	
E	=Welder+L1_L13-SNB5		=Welder+L1_L13/14.7:C			=Welder+L2-CAP4		=Welder+L2/11.6:B	
	=Welder+L1_L13-SNB6		=Welder+L1_L13/14.7:B			=Welder+L2-EARTH		=Welder+L2/11.3:B	

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## Device tag list

F03\_001

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=Welder+L2-L3		=Welder+L2/11.8:B	
=Welder+L2-PT5		=Welder+L2/11.7:D	
=Welder+L2-PT6		=Welder+L2/11.8:D	
=Welder+L2-PT7		=Welder+L2/11.9:D	
=Welder+L2-PT8		=Welder+L2/11.9:D	
=Welder+L2-T4		=Welder+L2/11.7:A	
=Welder+L3-A9		=Welder+L3/11.8:C	
=Welder+L3-EM		=Welder+L3/11.4:B	
=Welder+L3-POT		=Welder+L3/11.5:C	

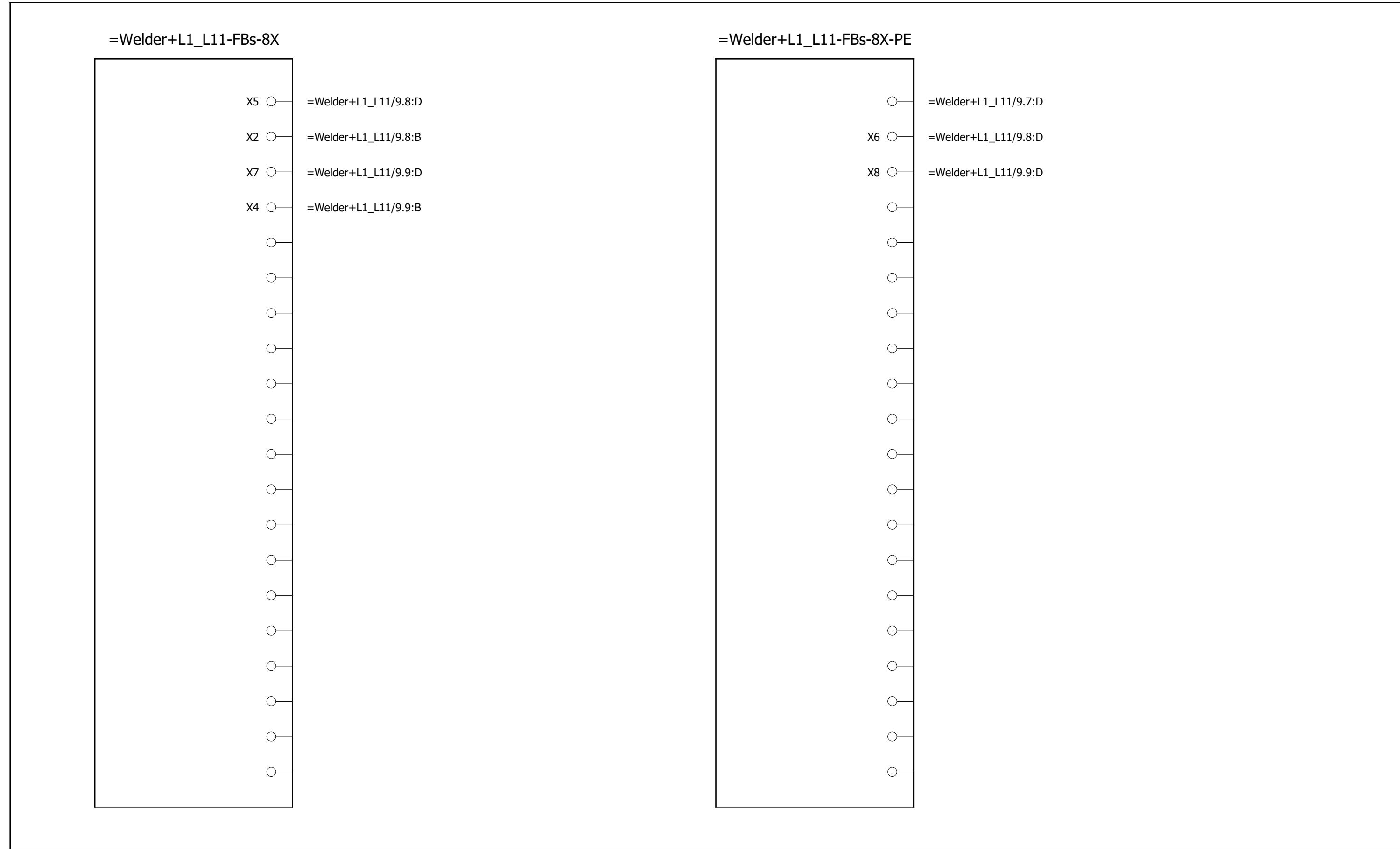
Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=Welder+L3-SW		=Welder+L3/11.3:B	
=Welder+L3-X2		=Welder+L3/12.2:C	

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NEXT PAGE : +PLC\_Overview/41

## PLC card overview

F20\_001



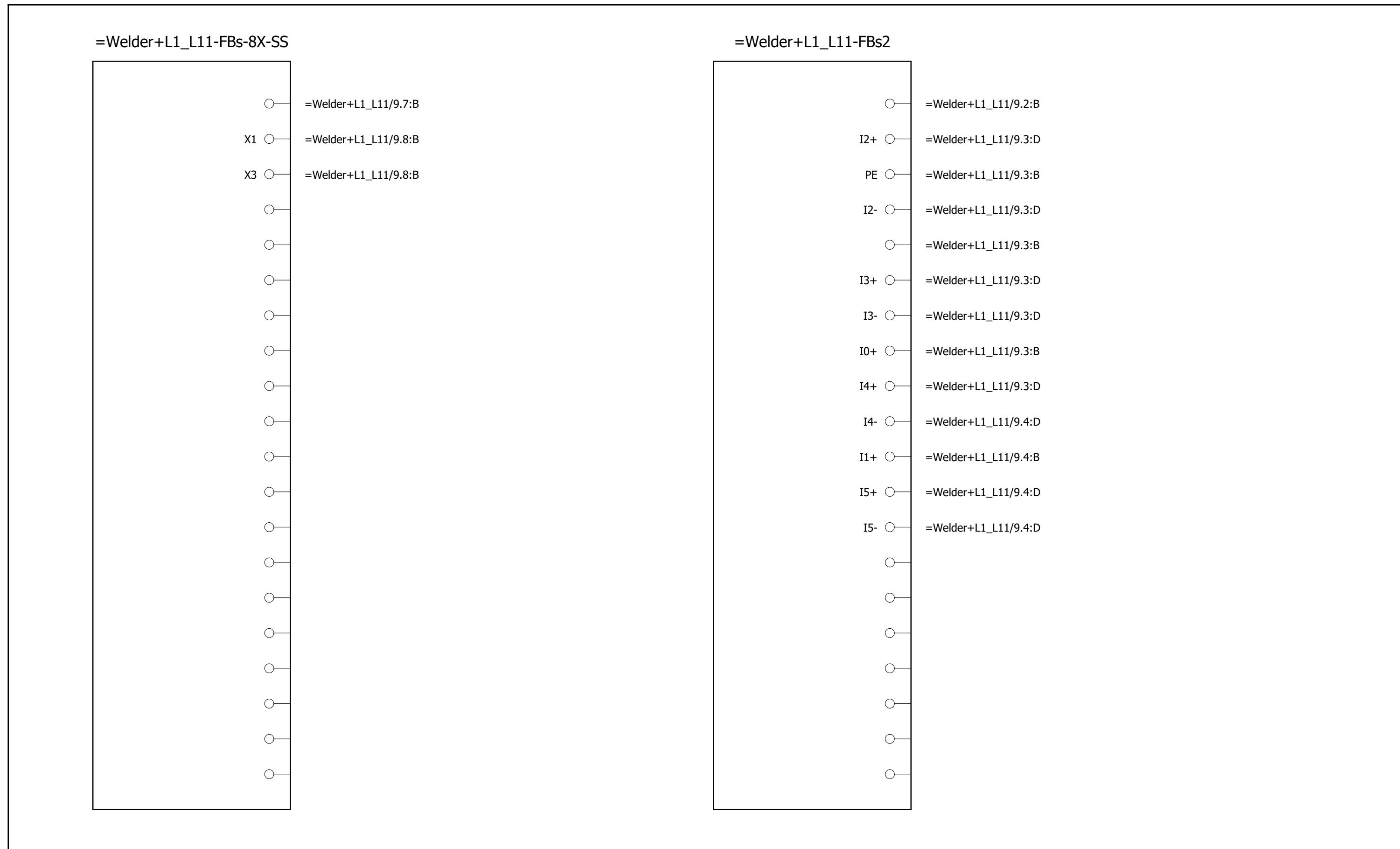
PREVIOUS PAGE : +Device\_Tag\_List/40

NEXT PAGE : 42

Date : 10/18/2019	PROJECT DESCRIPTION : WELDER_200KW	CONTRACTOR :	DESIGN BY : NIMA	= REPORTS	SHAHAB Induction ©.	PAGE : 41
Revision :	PAGE DESCRIPTION : PLC card overview : =Welder+L1_L11-FBs-8X-PE	CONSULTANT :	CHECKED BY :	+ PLC_Overview		PAGES : 41 / 52
COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE : Engineer	APPROVED BY:	Shahab_Project2		

## PLC card overview

F20\_001



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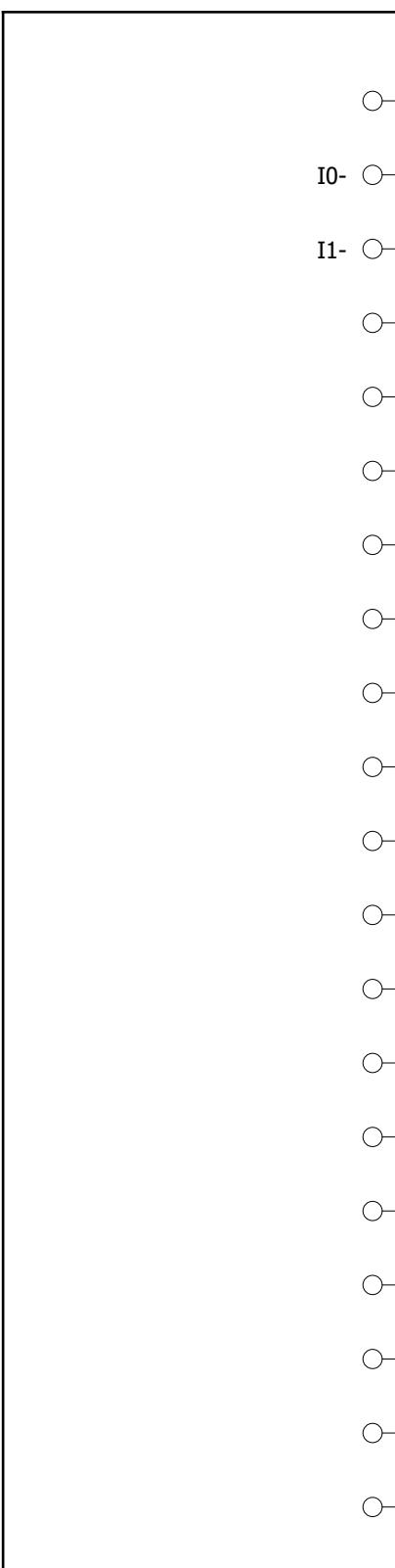
Date : 10/18/2019	PROJECT DESCRIPTION : WELDER_200KW	CONTRACTOR :	DESIGN BY : NIMA	= REPORTS	SHAHAB Induction ©.	PAGE : 42
Revision :	PAGE DESCRIPTION : PLC card overview : =Welder+L1_L11-FBs-8X-SS	CONSULTANT : =Welder+L1_L11-FBs2	CHECKED BY :	+ PLC_Overview		PAGES : 42 / 52
COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE : Engineer	APPROVED BY:	Shahab_Project2		

## PLC card overview

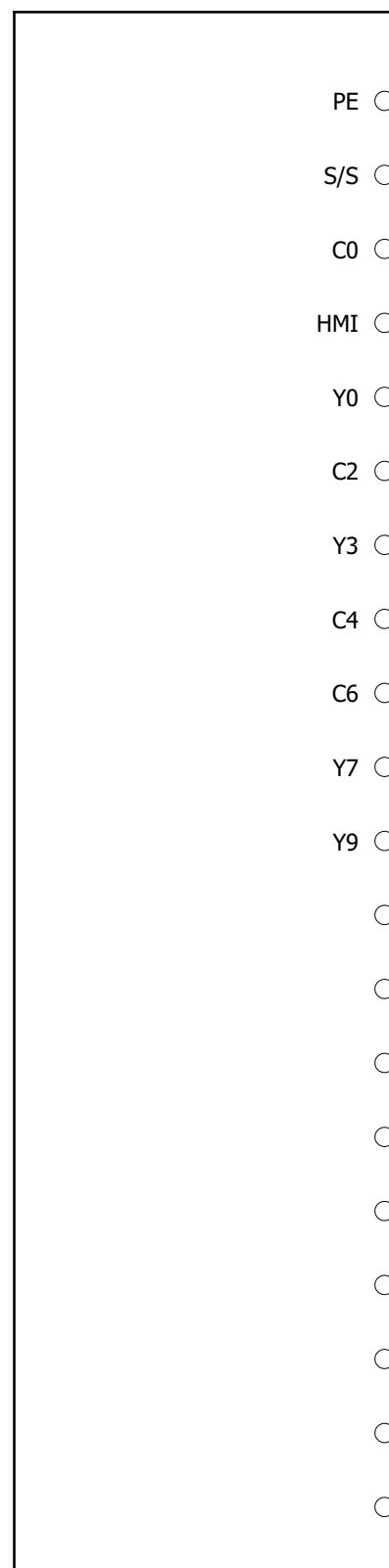
F20\_001

A  
B  
C  
D  
E

=Welder+L1\_L11-FBs2-AG



=Welder+L1\_L11-PLC1



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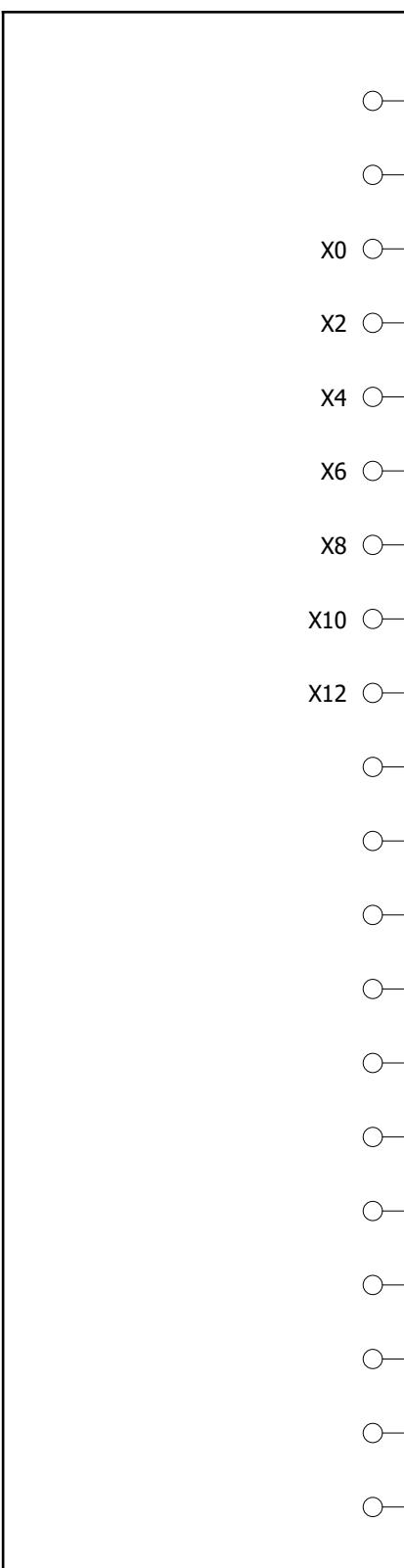
Date : 10/18/2019	PROJECT DESCRIPTION : WELDER_200KW	CONTRACTOR :	DESIGN BY : NIMA	= REPORTS	SHAHAB Induction ©.	PAGE : 43
Revision :	PAGE DESCRIPTION : PLC card overview : =Welder+L1_L11-FBs2-AGCONSULTANT : =Welder+L1_L11-PLC1		CHECKED BY :	+ PLC_Overview		PAGES : 43 / 52
COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE : Engineer	APPROVED BY:	Shahab_Project2		

## PLC card overview

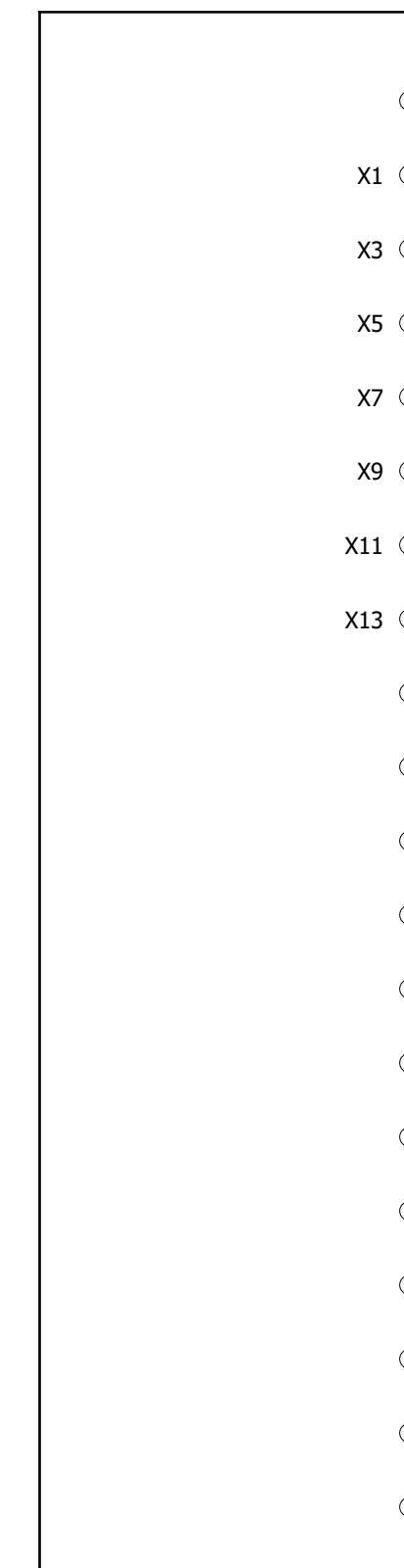
F20\_001

A  
B  
C  
D  
E

=Welder+L1\_L11-PLC1+-



=Welder+L1\_L11-PLC1-COM



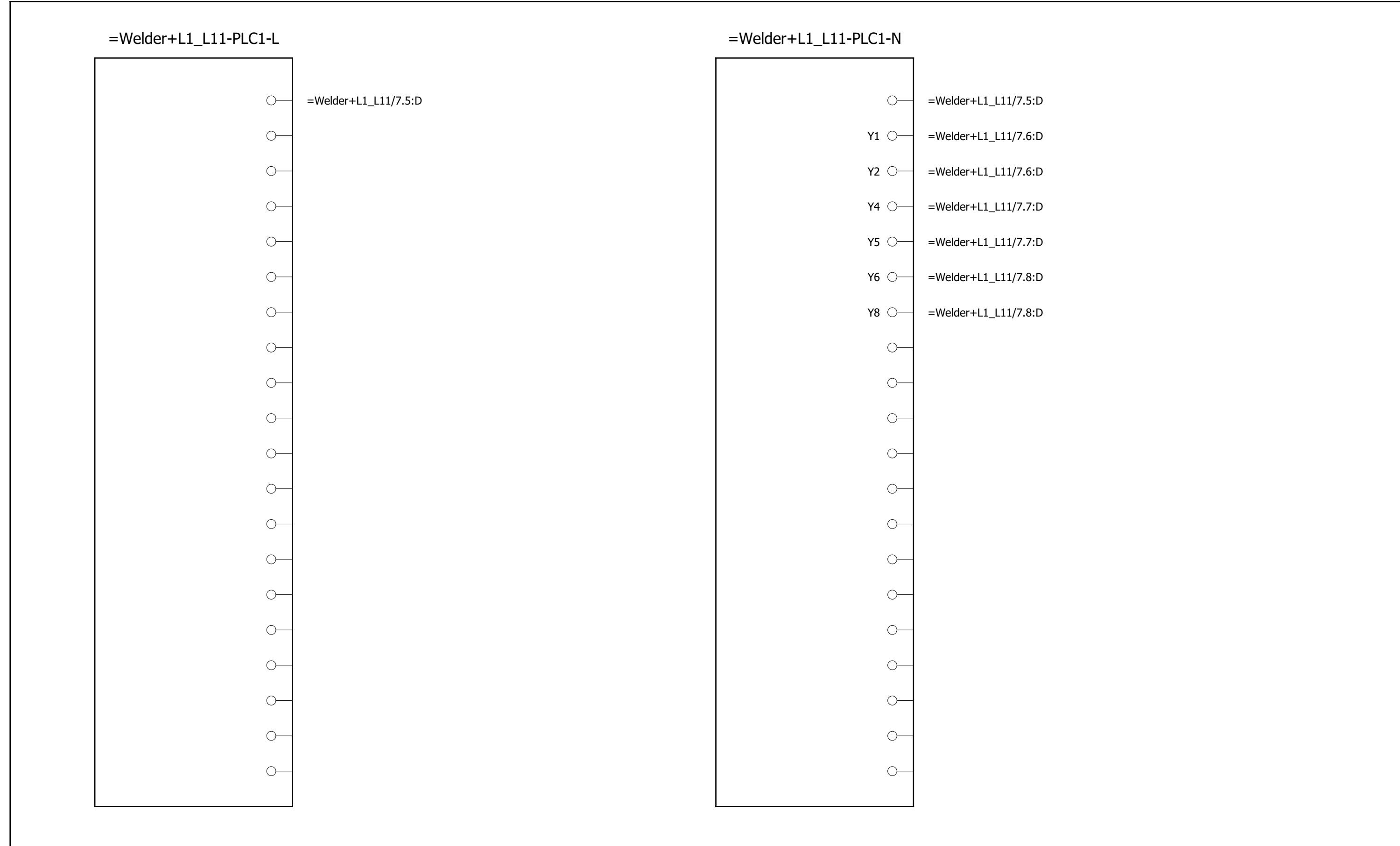
PREVIOUS PAGE :43

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Date : 10/18/2019	PROJECT DESCRIPTION : WELDER_200KW	CONTRACTOR :	DESIGN BY : NIMA	= REPORTS	SHAHAB Induction ©.	PAGE : 44
Revision :	PAGE DESCRIPTION : PLC card overview : =Welder+L1_L11-PLC1+-	CONSULTANT :	CHECKED BY :	+ PLC_Overview		PAGES : 44 / 52
COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE : Engineer	APPROVED BY:	Shahab_Project2		

## PLC card overview

F20\_001



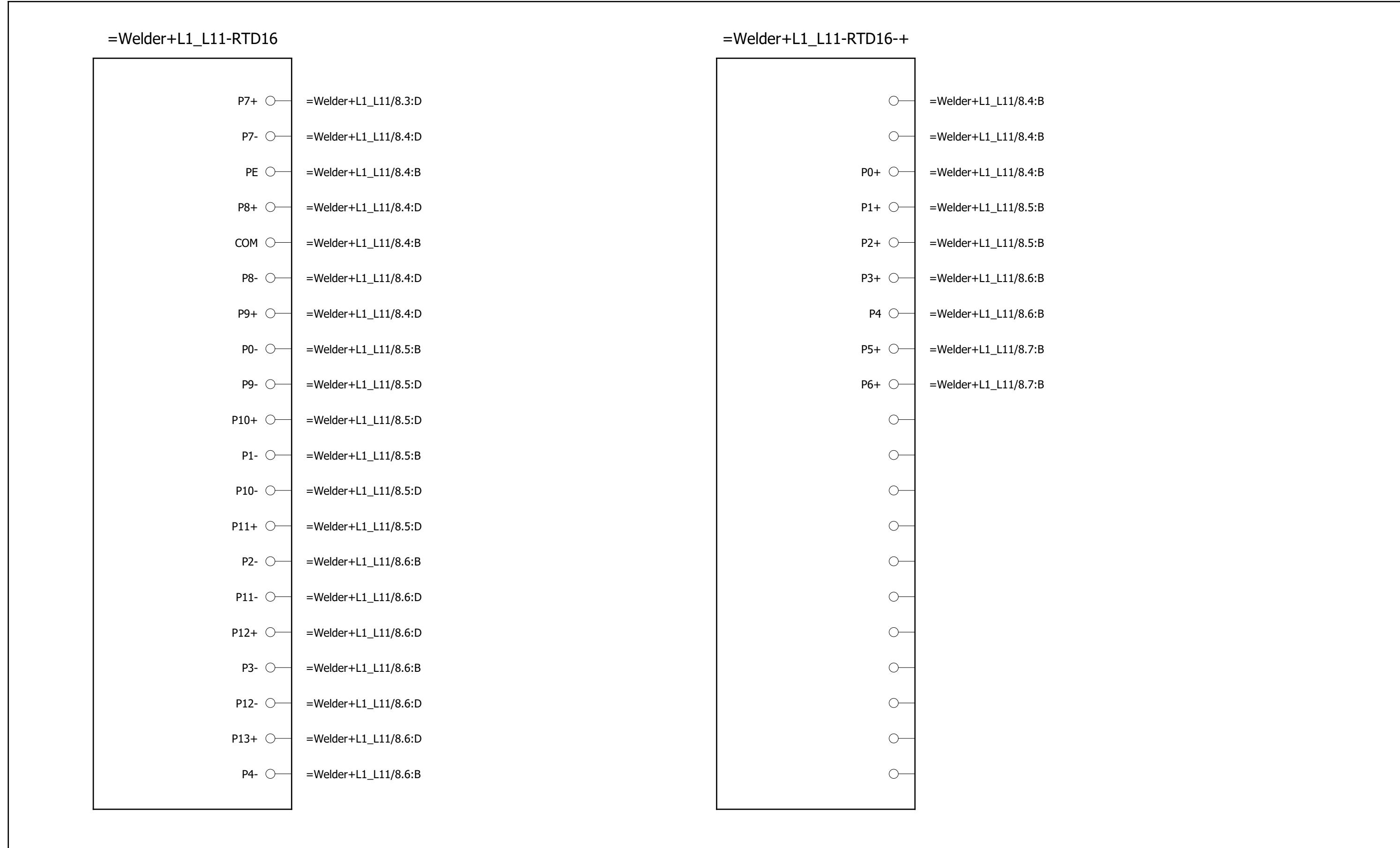
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Date : 10/18/2019	PROJECT DESCRIPTION : WELDER_200KW	CONTRACTOR :	DESIGN BY : NIMA	= REPORTS	SHAHAB Induction ©	PAGE : 45
Revision :	PAGE DESCRIPTION : PLC card overview : =Welder+L1_L11-PLC1-L	CONSULTANT :	CHECKED BY :	+ PLC_Overview		PAGES : 45 / 52
COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	L1_L11-PLC1-N	CREATOR TITLE : Engineer	APPROVED BY:		Shahab_Project2

## PLC card overview

F20\_001



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Date : 10/18/2019	PROJECT DESCRIPTION : WELDER_200KW	CONTRACTOR :	DESIGN BY : NIMA	= REPORTS	 SHAHAB Induction C.	PAGE : 46
Revision :	PAGE DESCRIPTION : PLC card overview : =Welder+L1_L11-RTD16	CONSULTANT : L1_L11-RTD16-+	CHECKED BY :	+ PLC_Overview		PAGES : 46 / 52
COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE : Engineer	APPROVED BY:	Shahab_Project2		

# Terminal-strip overview

F14\_001

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**NEXT PAGE : +Part\_List/48**

Date : 10/18/2019	PROJECT DESCRIPTION :WELDER_200KW	CONTRACTOR :	DESIGN BY : NIMA	= REPORTS	 <b>PAGE : 47</b>
Revision :	PAGE DESCRIPTION :Terminal-strip overview : =Welder+L1_L11-XCONSULTANT+Welded+L3-X2		CHECKED BY :	+ Terminals	
COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE :Engineer	APPROVED BY:	Shahab_Project2	

## Parts list

F01\_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=Welder+L1_L11-A2	0				
=Welder+L1_L11-B1	0				
=Welder+L1_L11-C1	0				
=Welder+L1_L11-C2	0				
=Welder+L1_L11-C3	0				
=Welder+L1_L11-C4	0				
=Welder+L1_L11-CT1	0				
=Welder+L1_L11-CT2	0				
=Welder+L1_L11-CT3	0				
=Welder+L1_L11-D1	0				
=Welder+L1_L11-E2	0				
=Welder+L1_L11-EX1	0				
=Welder+L1_L11-F1	0				
=Welder+L1_L11-F2	0				
=Welder+L1_L11-F3	0				
=Welder+L1_L11-F4	0				
=Welder+L1_L11-F5	0				
=Welder+L1_L11-F6	0				
=Welder+L1_L11-F7	0				
=Welder+L1_L11-F8	0				
=Welder+L1_L11-F9	0				
=Welder+L1_L11-F10	0				
=Welder+L1_L11-F11	0				
=Welder+L1_L11-FBs-8X	0				
=Welder+L1_L11-FBs2	0				
=Welder+L1_L11-FL1	0				
=Welder+L1_L11-H1	0				
=Welder+L1_L11-H4	0				
=Welder+L1_L11-H5	0				
=Welder+L1_L11-H6	0				
=Welder+L1_L11-HALLSENSOR	0				
=Welder+L1_L11-L1	0				
=Welder+L1_L11-M1	0				
=Welder+L1_L11-METER1	0				
=Welder+L1_L11-MS1	0				
=Welder+L1_L11-OCR	0				
=Welder+L1_L11-OCR1	0				
=Welder+L1_L11-PLC1	0				
=Welder+L1_L11-PRT1	0				
=Welder+L1_L11-PRT2	0				
=Welder+L1_L11-PRT3	0				
=Welder+L1_L11-PS1	0				
=Welder+L1_L11-PS2	0				
=Welder+L1_L11-R0	0				
=Welder+L1_L11-R2	0				
=Welder+L1_L11-R3	0				
=Welder+L1_L11-R4	0				
=Welder+L1_L11-R5	0				
=Welder+L1_L11-RTD16	0				
=Welder+L1_L11-Rect	0				
=Welder+L1_L11-T1	0				
=Welder+L1_L11-T3	0				
=Welder+L1_L12-A7	0				
=Welder+L1_L12-DRV1	0				
=Welder+L1_L12-DRV2	0				
=Welder+L1_L12-F12	0				

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## Parts list

F01\_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=Welder+L1_L12-F13	0				
=Welder+L1_L12-F14	0				
=Welder+L1_L12-PS3	0				
=Welder+L1_L12-PS4	0				
=Welder+L1_L12-PS5	0				
=Welder+L1_L12-PS6	0				
=Welder+L1_L13-A4	0				
=Welder+L1_L13-CT4	0				
=Welder+L1_L13-CT5	0				
=Welder+L1_L13-CT6	0				
=Welder+L1_L13-CT7	0				
=Welder+L1_L13-CT8	0				
=Welder+L1_L13-CT9	0				
=Welder+L1_L13-CT10	0				
=Welder+L1_L13-CT11	0				
=Welder+L1_L13-E3	0				
=Welder+L1_L13-E4	0				
=Welder+L1_L13-E5	0				
=Welder+L1_L13-E6	0				
=Welder+L1_L13-E7	0				
=Welder+L1_L13-E8	0				
=Welder+L1_L13-E9	0				
=Welder+L1_L13-E10	0				
=Welder+L1_L13-E11	0				
=Welder+L1_L13-E12	0				
=Welder+L1_L13-E13	0				
=Welder+L1_L13-E14	0				
=Welder+L1_L13-E15	0				
=Welder+L1_L13-E16	0				
=Welder+L1_L13-E17	0				
=Welder+L1_L13-E18	0				
=Welder+L1_L13-EX2	0				
=Welder+L1_L13-EX3	0				
=Welder+L1_L13-GB1	0				
=Welder+L1_L13-GB2	0				
=Welder+L1_L13-GB3	0				
=Welder+L1_L13-GB4	0				
=Welder+L1_L13-GB5	0				
=Welder+L1_L13-GB6	0				
=Welder+L1_L13-GB7	0				
=Welder+L1_L13-GB8	0				
=Welder+L1_L13-H2	0				
=Welder+L1_L13-H3	0				
=Welder+L1_L13-M2	0				
=Welder+L1_L13-MS2	0				
=Welder+L1_L13-MS3	0				
=Welder+L1_L13-PT1	0				
=Welder+L1_L13-PT3	0				
=Welder+L1_L13-PT4	0				
=Welder+L1_L13-R32	0				
=Welder+L1_L13-R33	0				
=Welder+L1_L13-R34	0				
=Welder+L1_L13-R35	0				
=Welder+L1_L13-R36	0				
=Welder+L1_L13-R37	0				
=Welder+L1_L13-R38	0				

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## Parts list

F01\_001

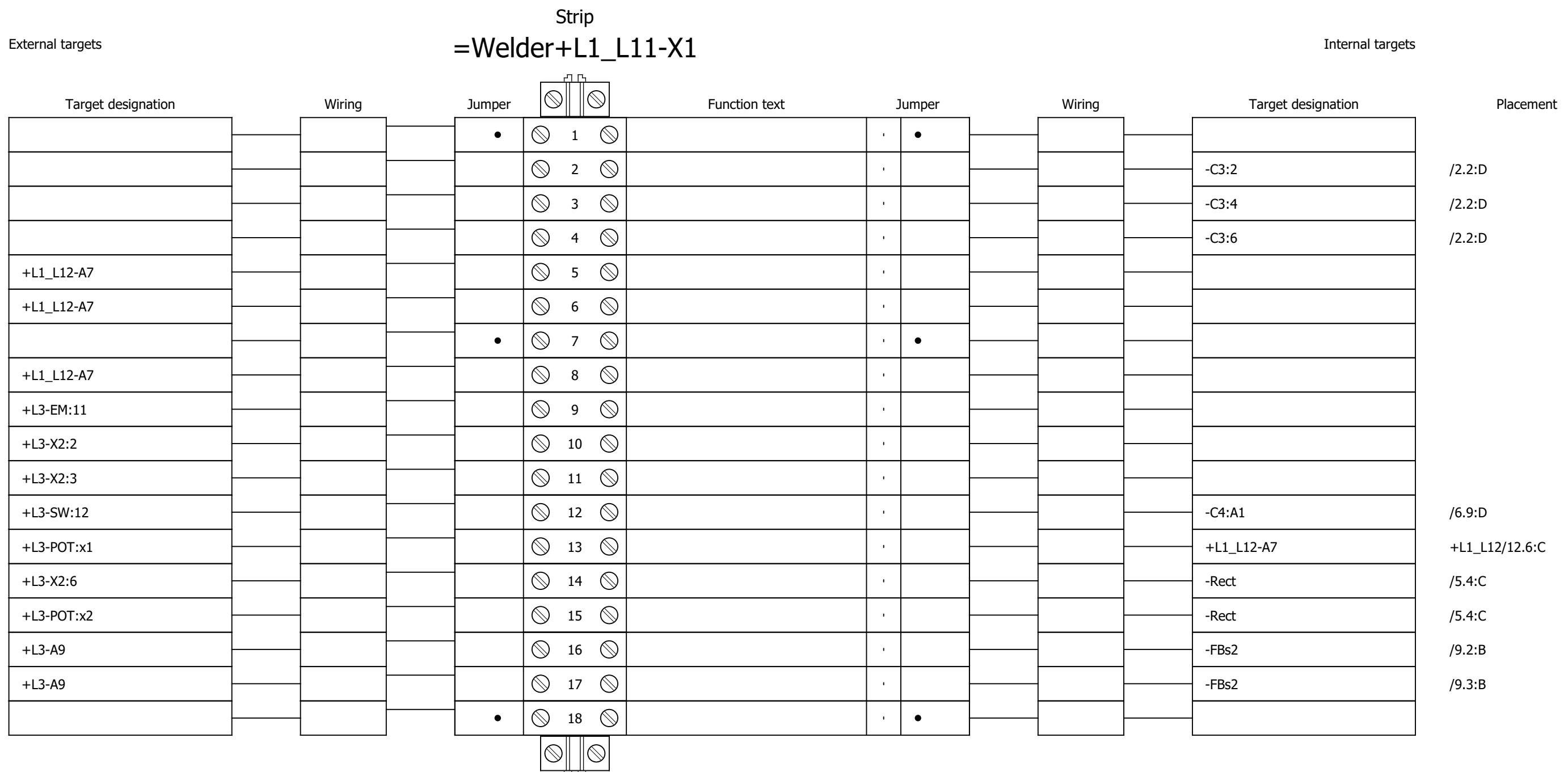
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**NEXT PAGE :** +Terminal\_Diagra

Date : 10/18/2019	PROJECT DESCRIPTION :WELDER_200KW	CONTRACTOR :	DESIGN BY : NIMA	= REPORTS	 <b>PAGE : 50</b> <b>PAGES : 50 / 52</b>
Revision :	PAGE DESCRIPTION :My First Part List	CONSULTANT :	CHECKED BY :	+ Part_List	
COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE :Engineer	APPROVED BY:	Shahab_Project2	

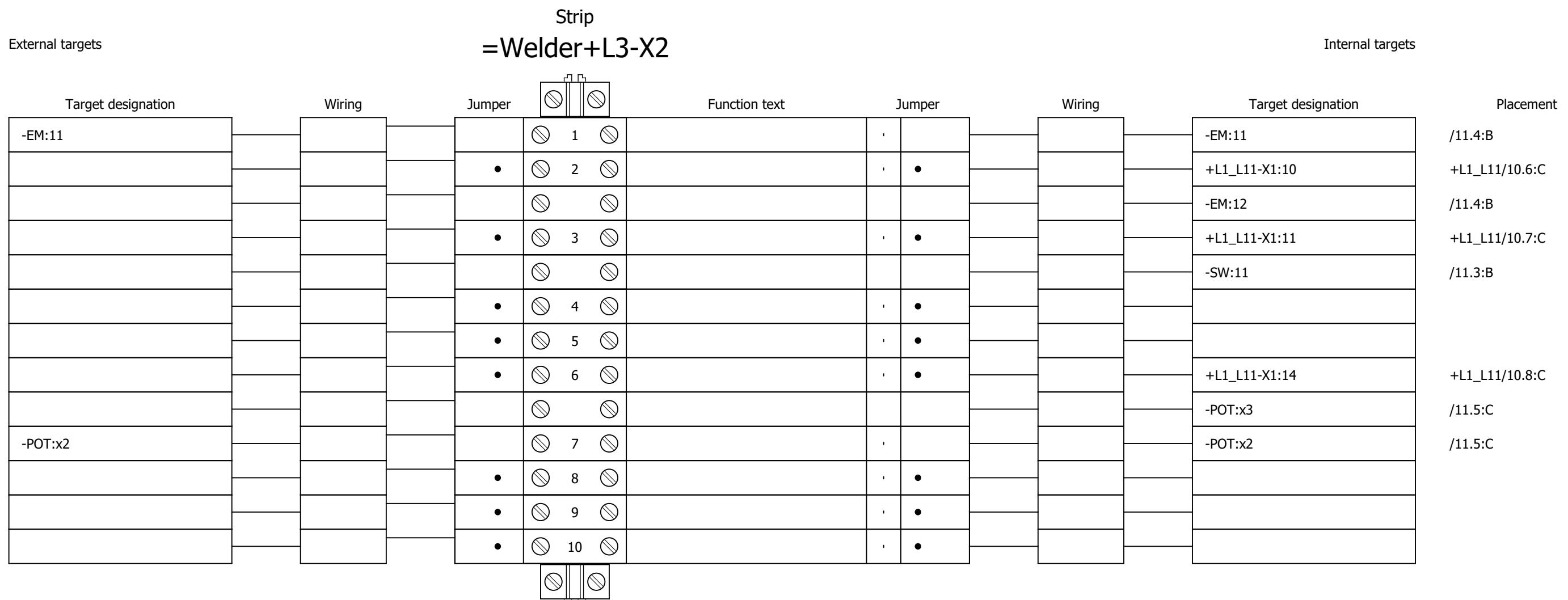
## Terminal diagram

F13\_003



## Terminal diagram

F13\_003



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Revision :	PAGE DESCRIPTION : Terminal diagram =Welder+L3-X2	CONSULTANT :	CHECKED BY :	+ Terminal_Diagram		
COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE : Engineer	APPROVED BY:	Shahab_Project2		