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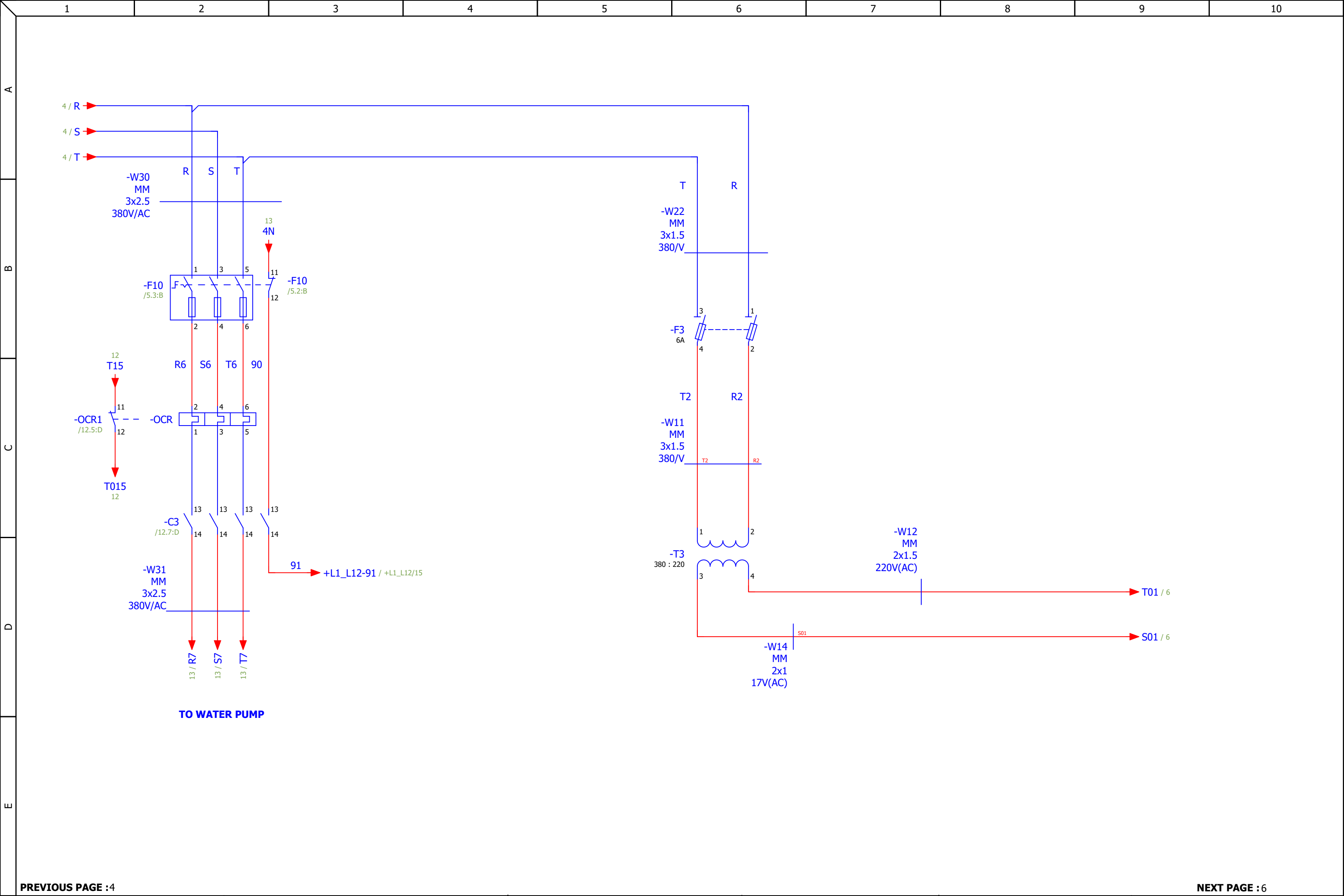
F06_001

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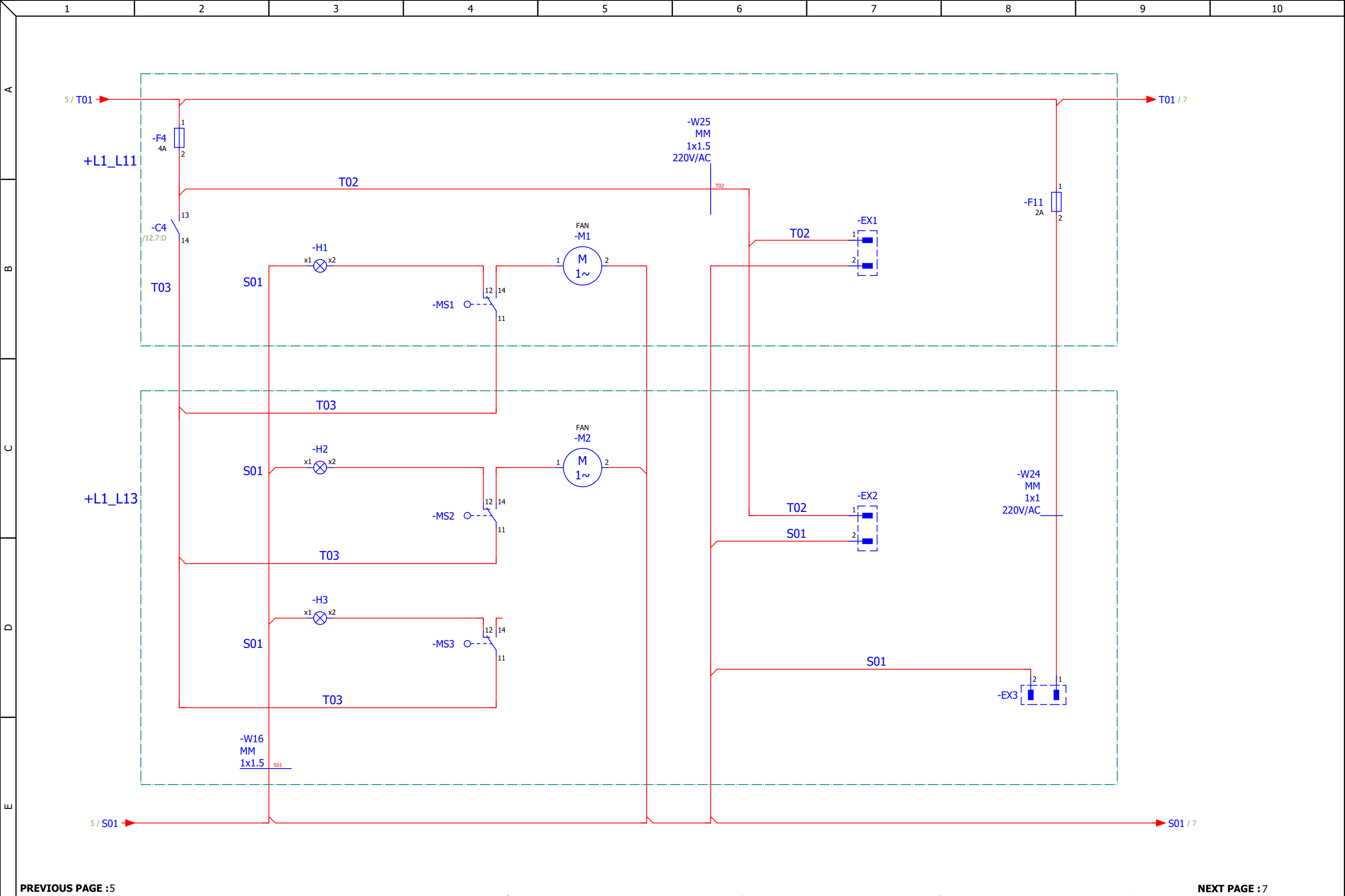
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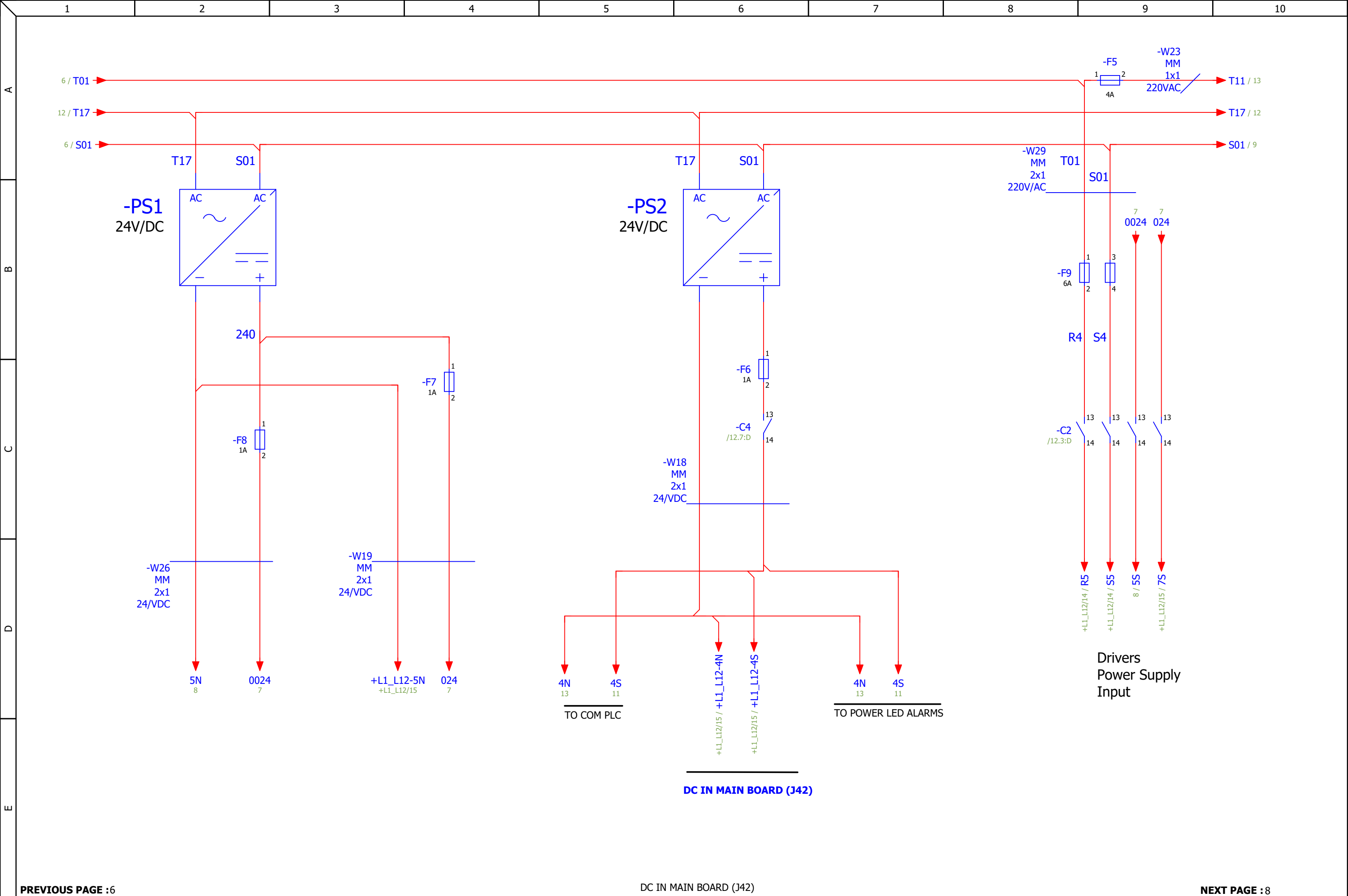
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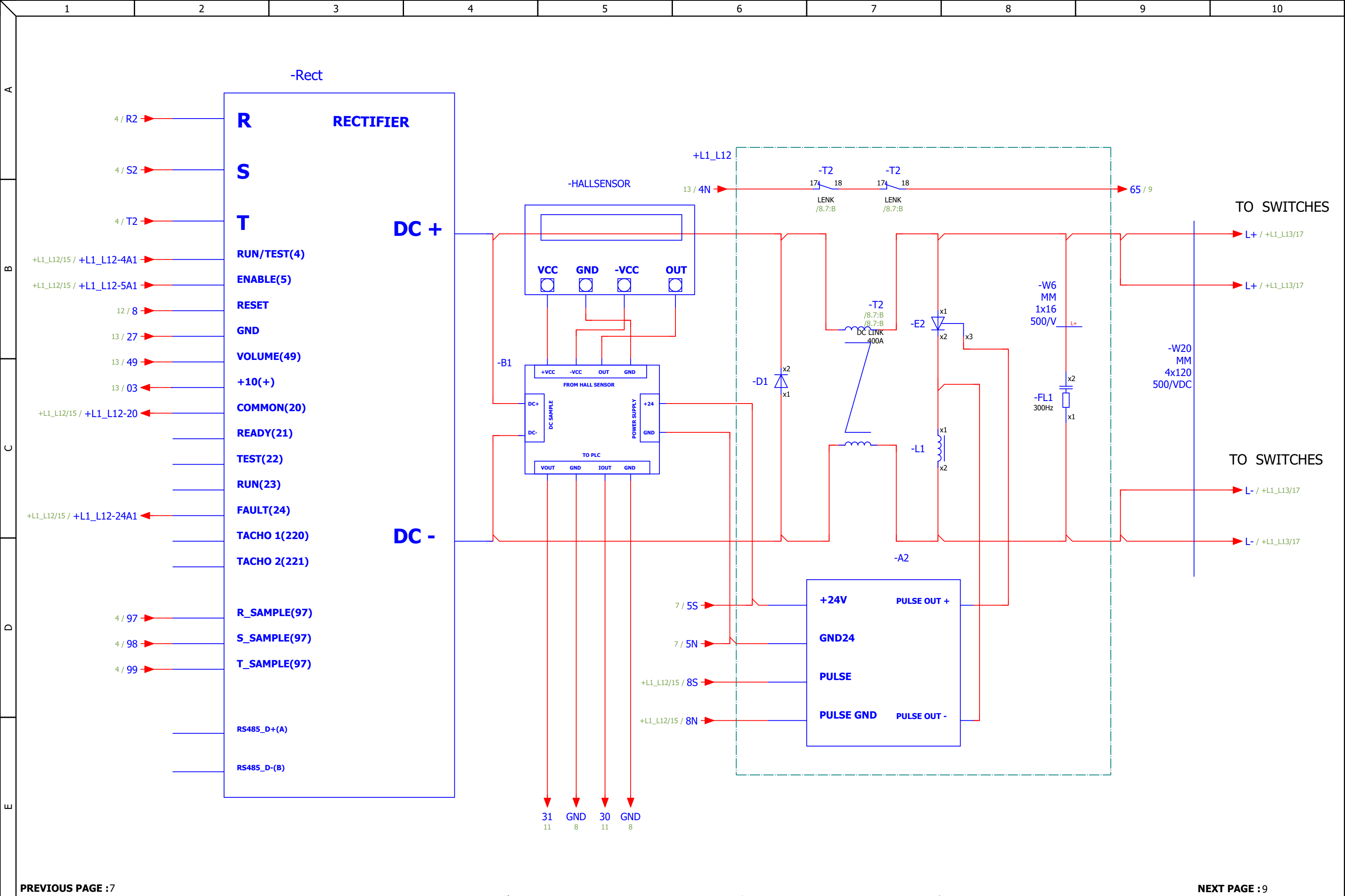


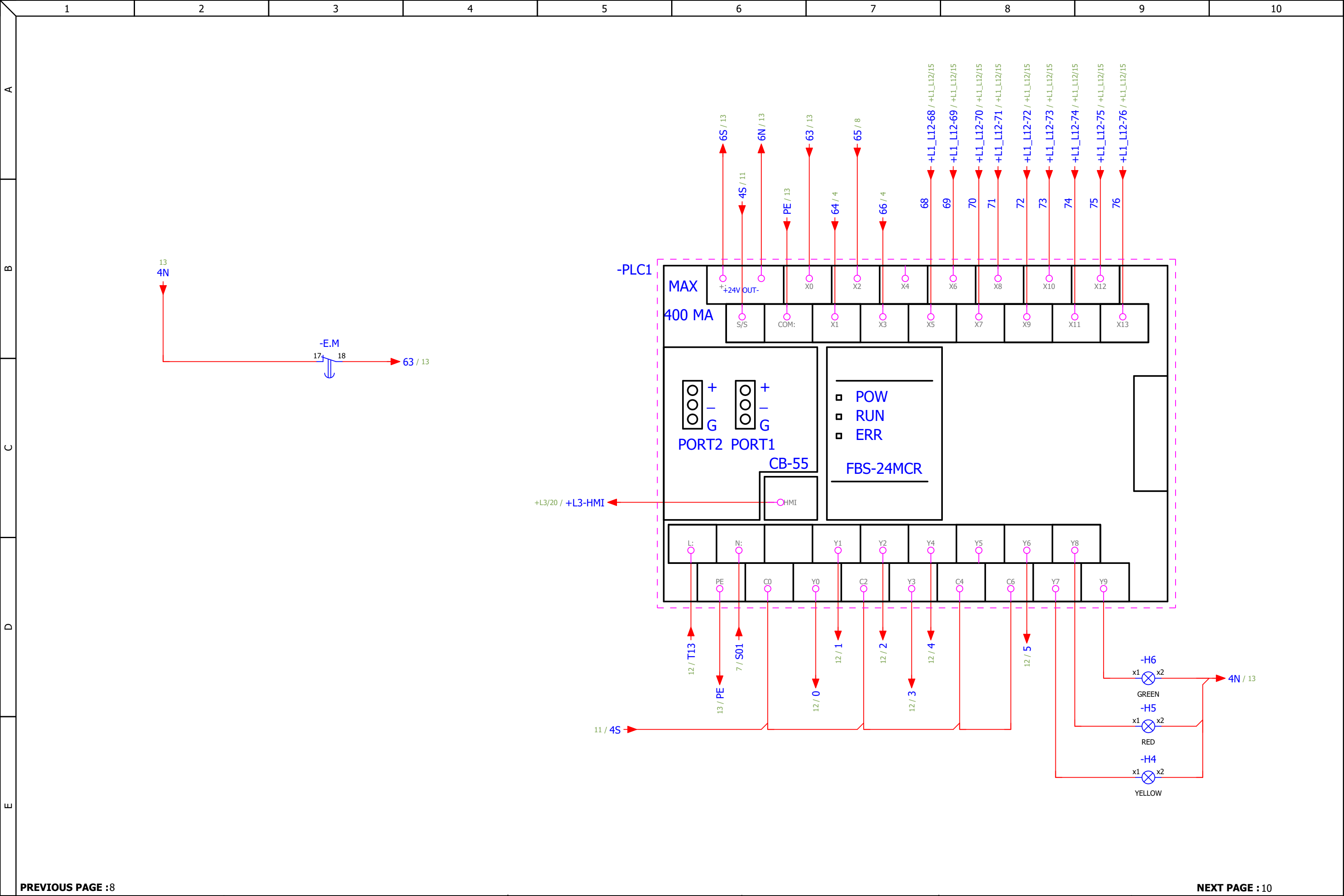
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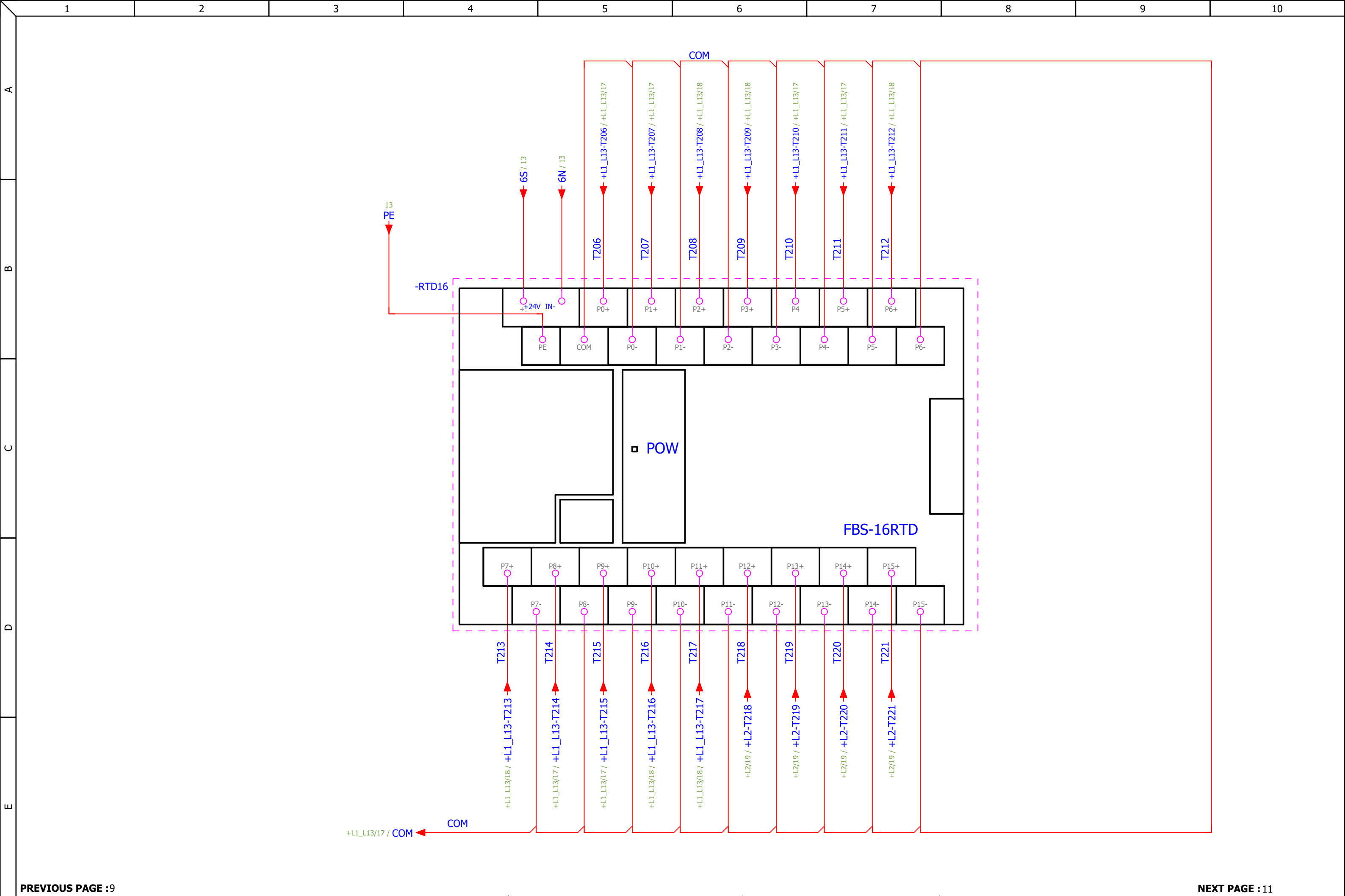
DC IN MAIN BOARD (J42)

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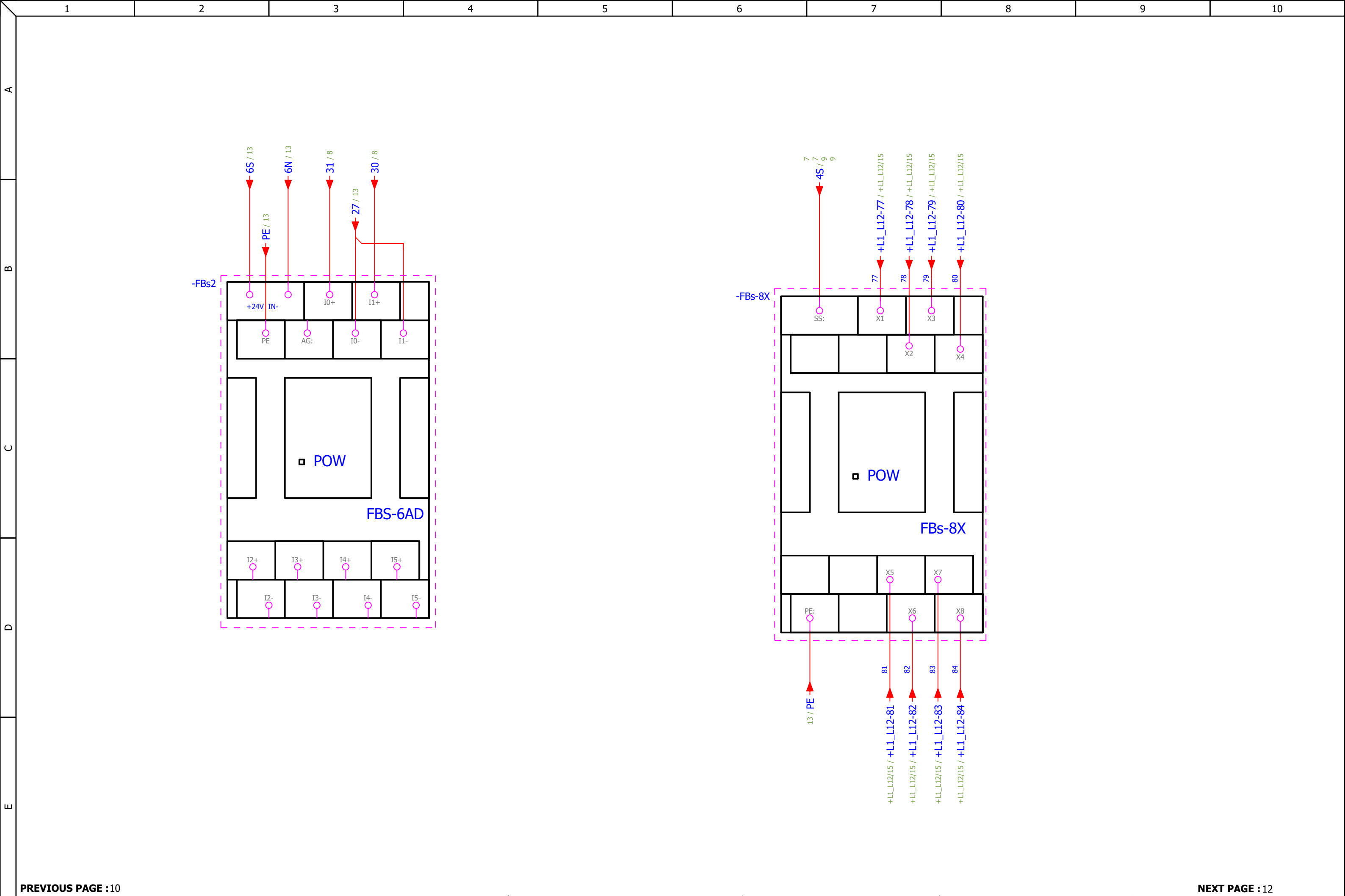
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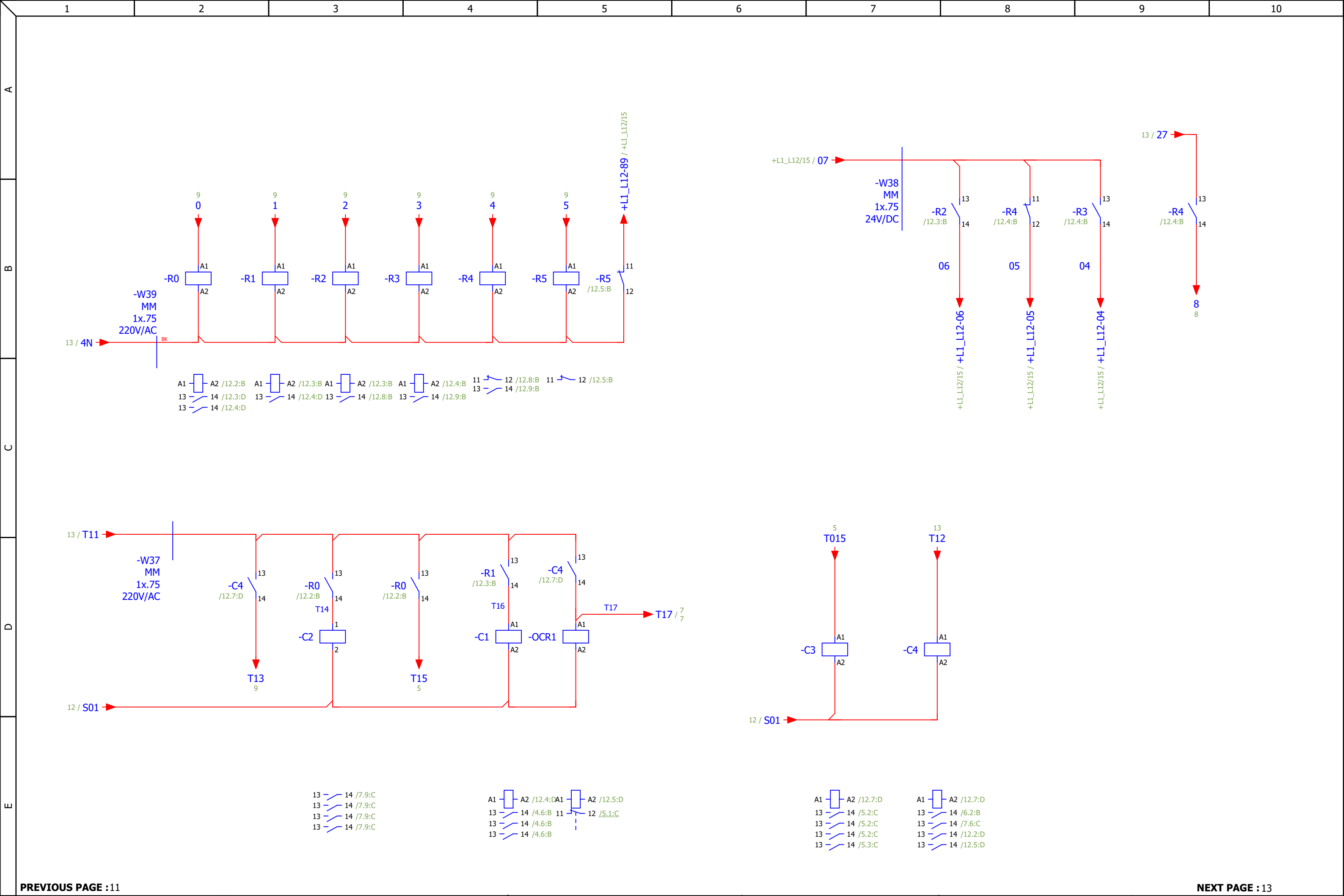




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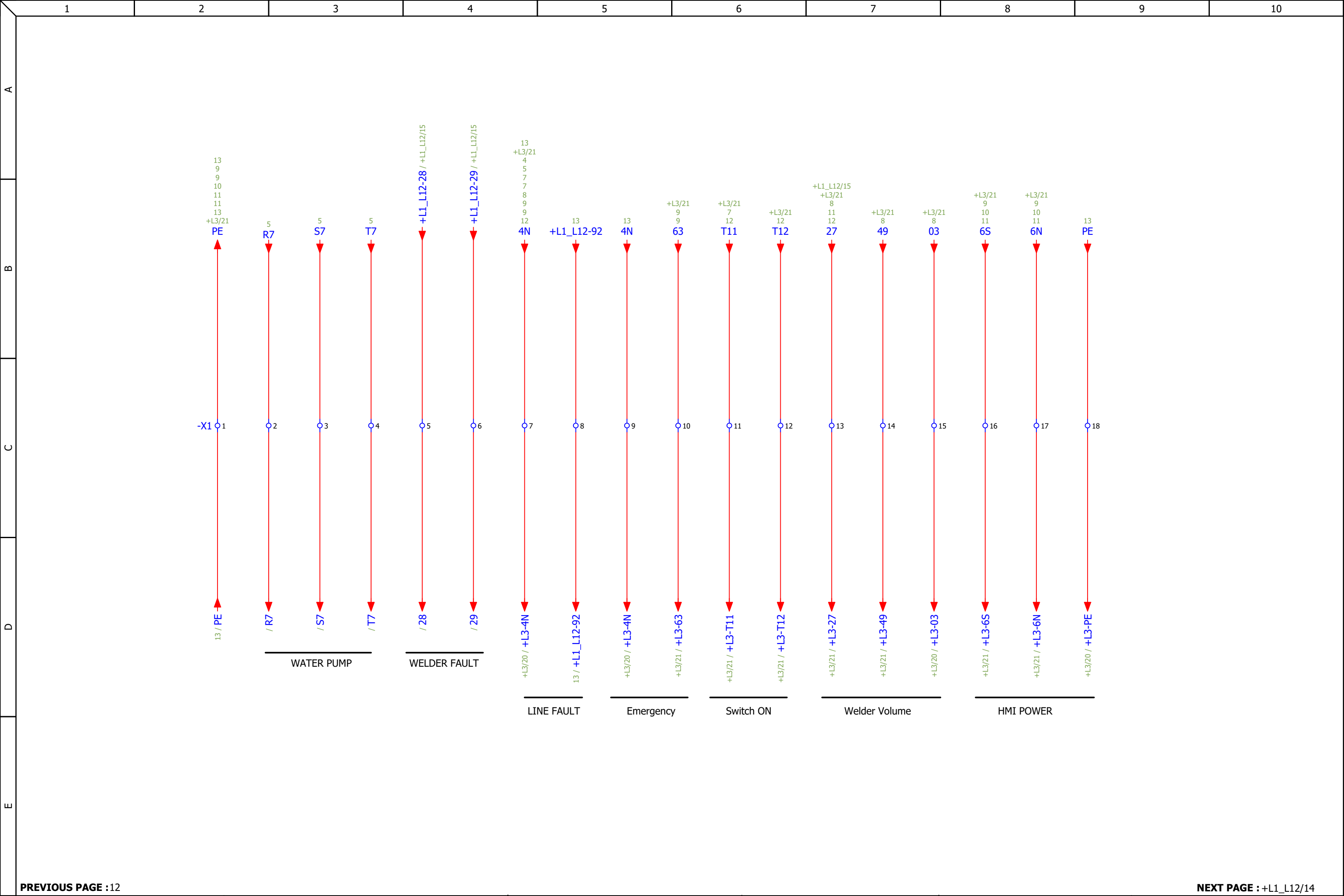
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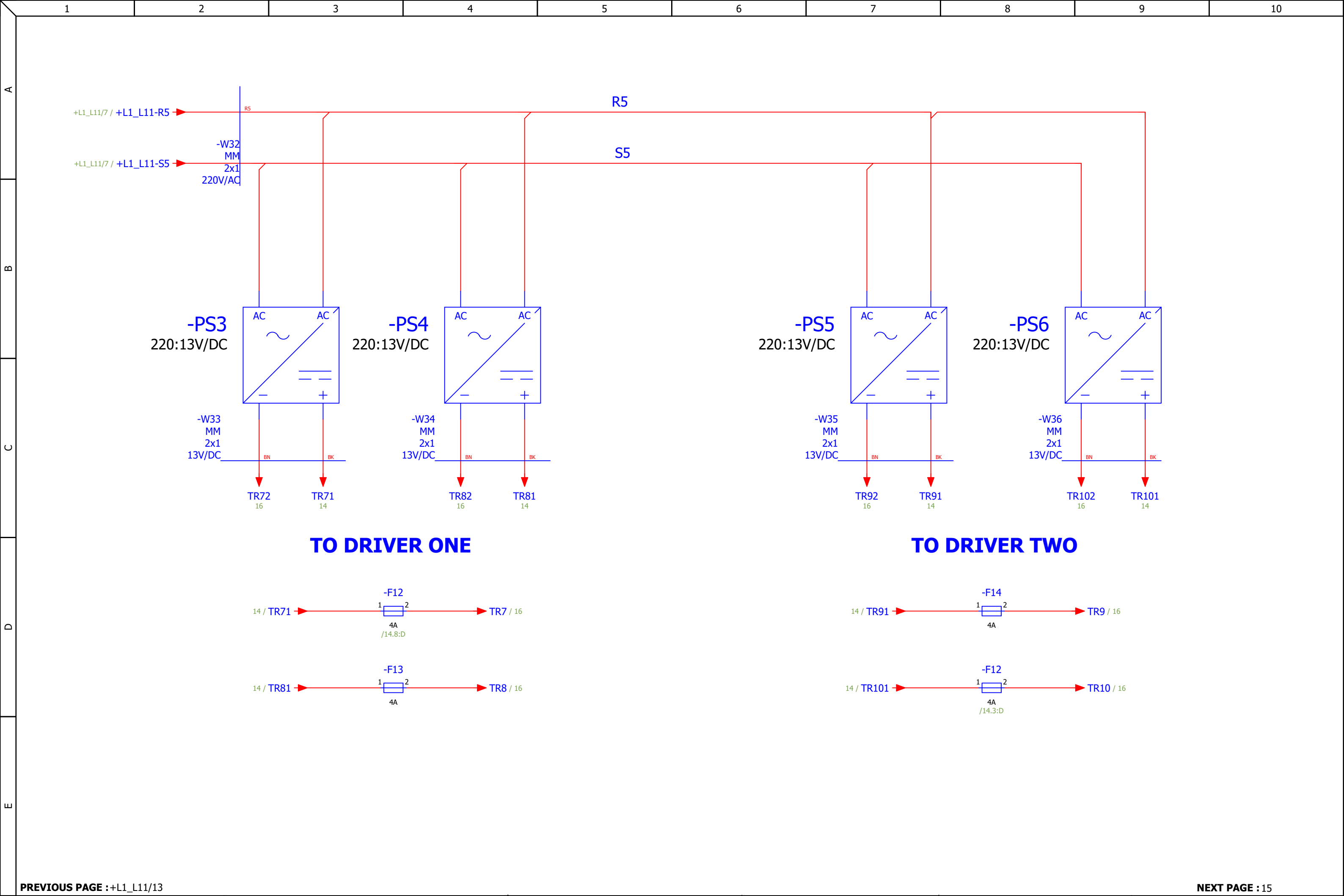
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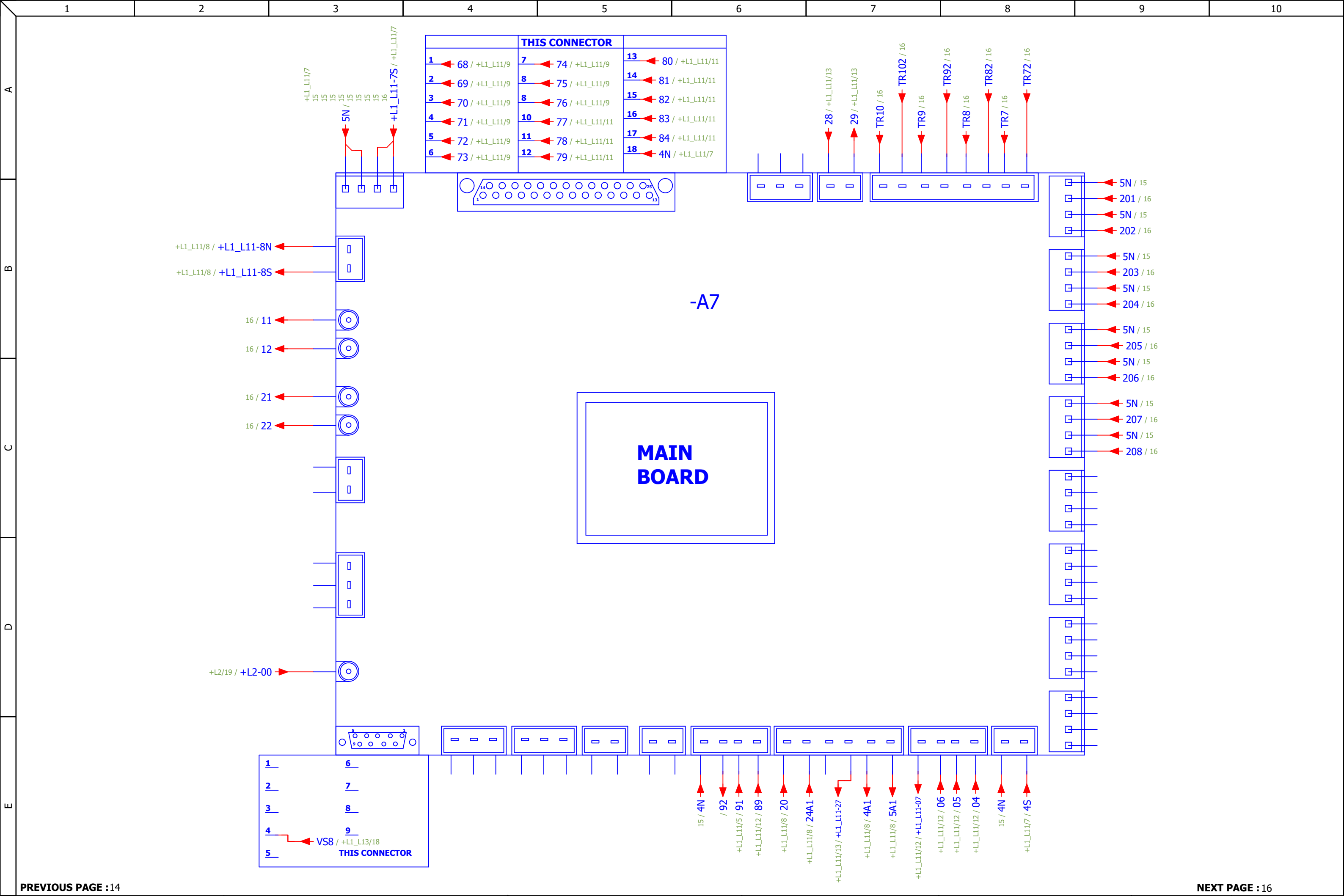
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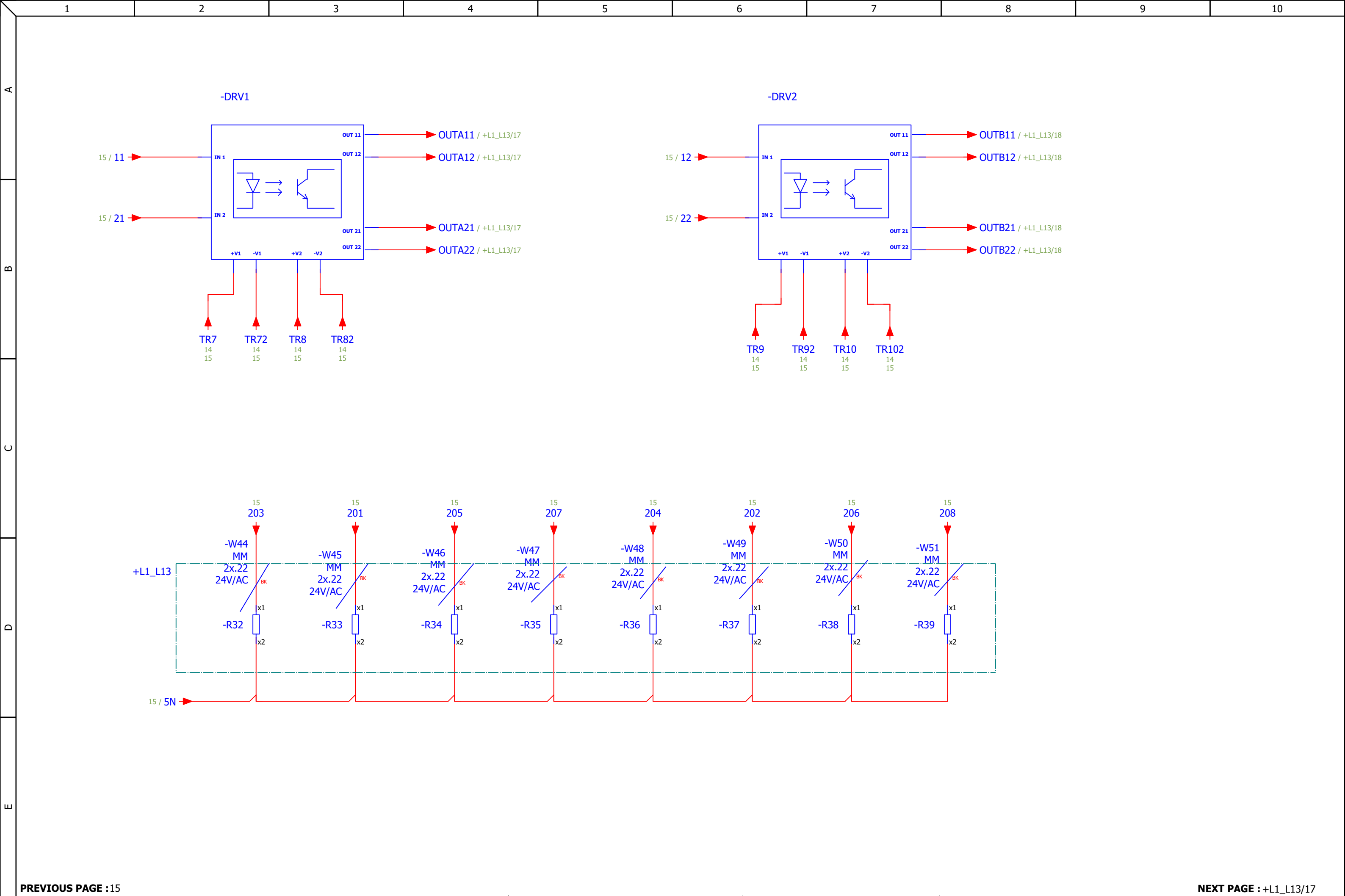
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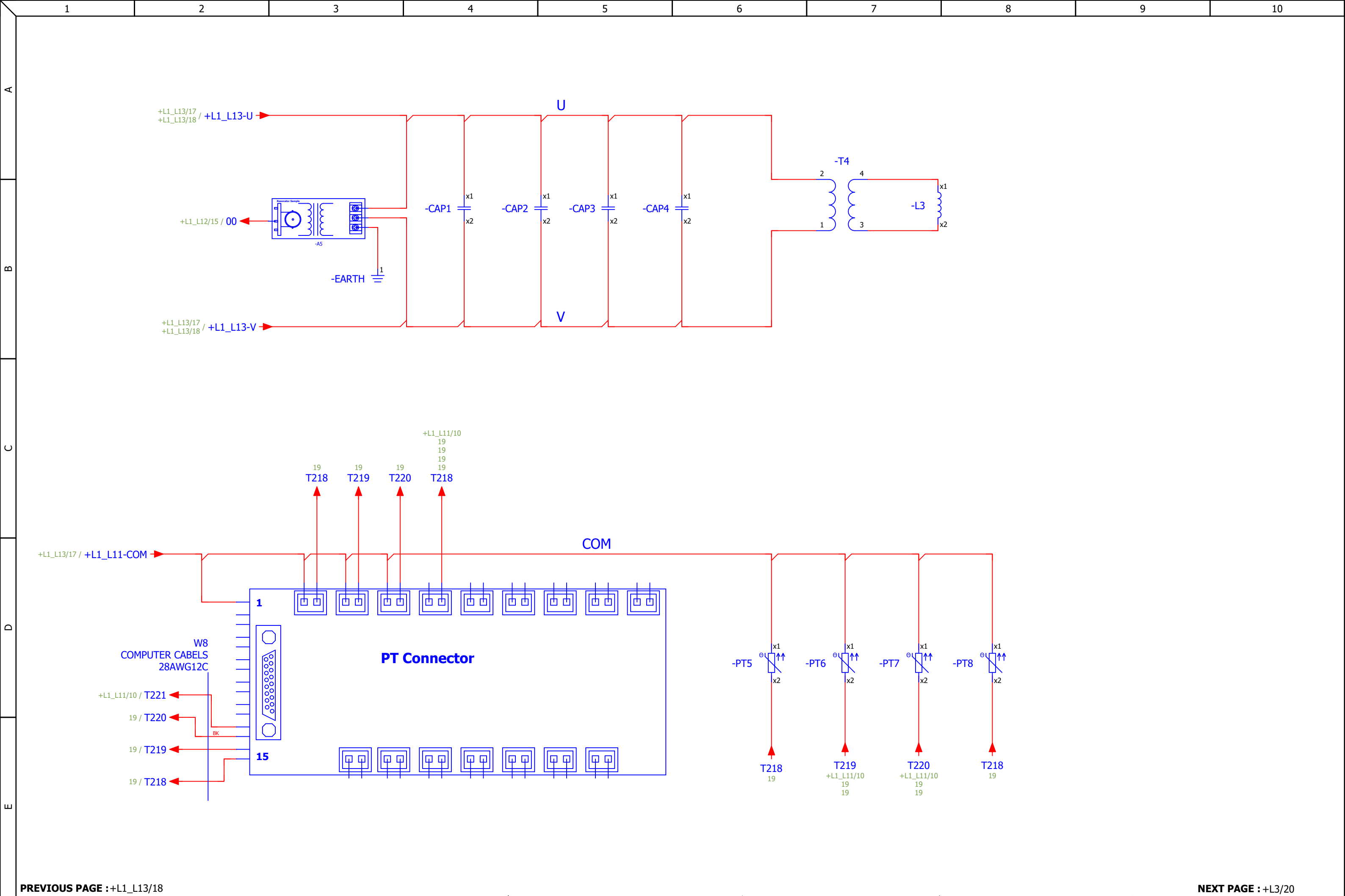
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Revision :	PAGE DESCRIPTION : TERMINAL X1	CONSULTANT :	CHECKED BY :	+ L1_L11		PAGES : 13 / 52
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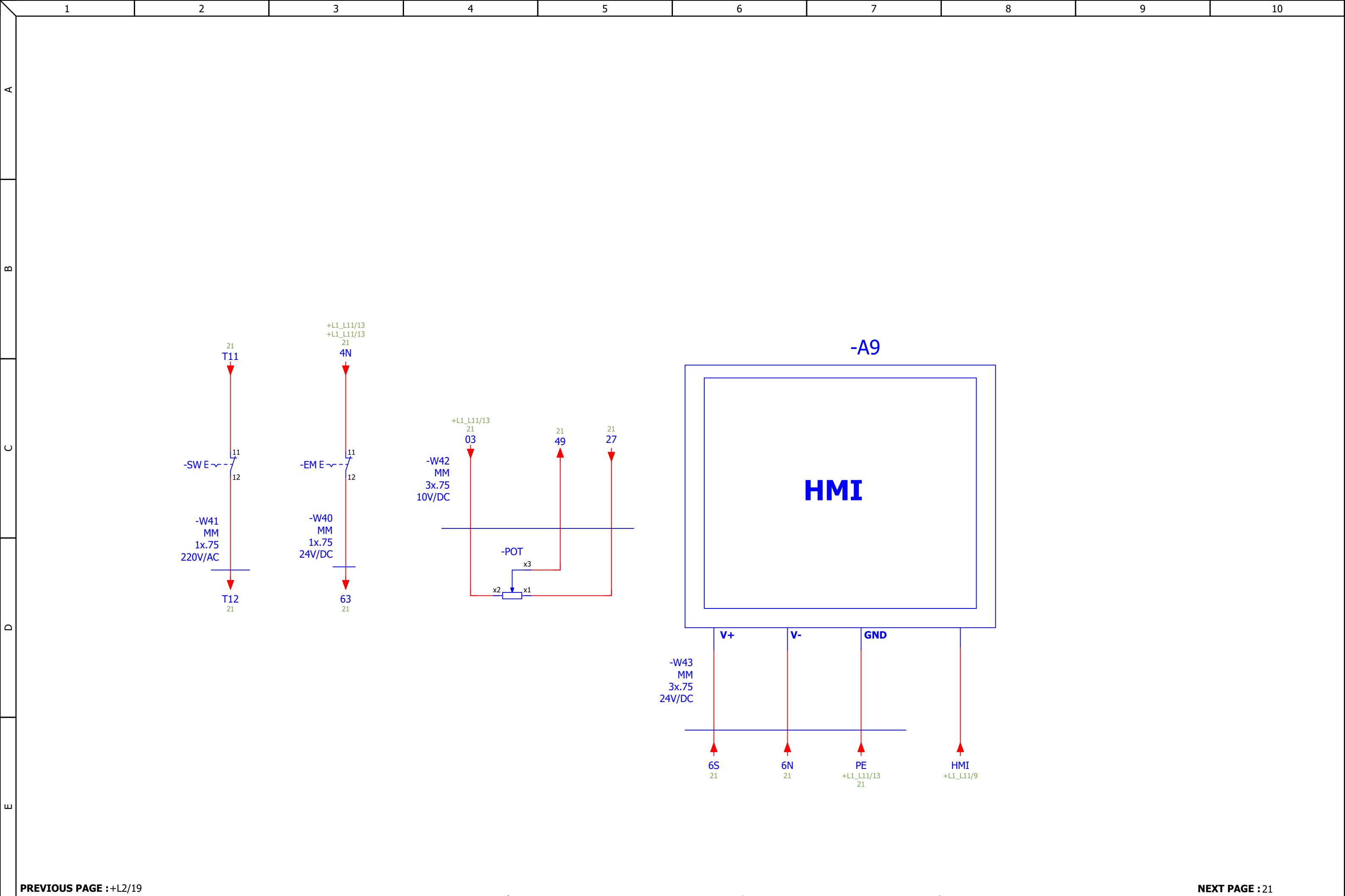
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	1	2	3	4	5	6	7	8	9	10	
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B											
C		<div><div>-X2</div><div>1</div></div>	<div><div></div><div>2</div></div>	<div><div></div><div>3</div></div>	<div><div></div><div>4</div></div>	<div><div></div><div>5</div></div>	<div><div></div><div>6</div></div>	<div><div></div><div>7</div></div>	<div><div></div><div>8</div></div>	<div><div></div><div>9</div></div>	<div><div></div><div>10</div></div>
D		<div><div>20 / 4N</div><div>20 / 4N</div></div>	<div><div>+L1_L11/13 / 63</div><div>+L1_L11/13 / 63</div></div>	<div><div>+L1_L11/13 / T11</div><div>+L1_L11/13 / T11</div></div>	<div><div>+L1_L11/13 / T12</div><div>+L1_L11/13 / T12</div></div>	<div><div>+L1_L11/13 / 27</div><div>+L1_L11/13 / 27</div></div>	<div><div>+L1_L11/13 / 49</div><div>+L1_L11/13 / 49</div></div>	<div><div>20 / 03</div><div>20 / 03</div></div>	<div><div>+L1_L11/13 / 6S</div><div>+L1_L11/13 / 6S</div></div>	<div><div>+L1_L11/13 / 6N</div><div>+L1_L11/13 / 6N</div></div>	<div><div>PE</div><div>20</div></div>
E		EMERGENCY STOP		SWITCH ON		WELDER VOLOUME		HMI POWER			

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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 CABELS	28AWG	0	12C			

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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-PRT2:12				=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-FL1: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:A2	=Welder+L1_L11-R5:A2				=Welder+L1_L11/6.4:B	=Welder+L1_L11/6.5:B	Conductor / wire
	=Welder+L1_L11-R3:A2	=Welder+L1_L11-R4:A2				=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	<div>SHAHAB Induction ©</div>	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

F27_001

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-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				=Welder+L1_L12/11.7:C	=Welder+L1_L12/11.9:C	Conductor / wire
	=Welder+L1_L12-PS4	=Welder+L1_L12-PS5		R5		=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		R5		=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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Date : 10/18/2019	PROJECT DESCRIPTION : WELDER_200KW	CONTRACTOR :	DESIGN BY : NIMA	= REPORTS	<div>SHAHAB Induction ©</div>	PAGE : 25
Revision :	PAGE DESCRIPTION :Connection list : -	CONSULTANT :	CHECKED BY :	+ Connection_List		PAGES : 25 / 52
COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE :Engineer	APPROVED BY:	Shahab_Project2		

Connection list

F27_001

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:B	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:E	=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: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_L11/8.6: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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Date : 10/18/2019	PROJECT DESCRIPTION : WELDER_200KW	CONTRACTOR :	DESIGN BY : NIMA	= REPORTS	<div>SHAHAB Induction ©</div>	PAGE : 26
Revision :	PAGE DESCRIPTION :Connection list : -	CONSULTANT :	CHECKED BY :	+ Connection_List		PAGES : 26 / 52
COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE :Engineer	APPROVED BY:	Shahab_Project2		

Connection list

F27_001

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				=Welder+L1_L11/1.5:D	=Welder+L1_L11/1.5: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
	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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Date : 10/18/2019	PROJECT DESCRIPTION : WELDER_200KW	CONTRACTOR :	DESIGN BY : NIMA	= REPORTS	<div>SHAHAB</div> <div>Induction ©</div>	PAGE : 27
Revision :	PAGE DESCRIPTION :Connection list : -	CONSULTANT :	CHECKED BY :	+ Connection_List		PAGES : 27 / 52
COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE :Engineer	APPROVED BY:	Shahab_Project2		

Connection list

F27_001

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_L12/12.6: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-PS5		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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Date : 10/18/2019	PROJECT DESCRIPTION : WELDER_200KW	CONTRACTOR :	DESIGN BY : NIMA	= REPORTS	<div>SHAHAB</div> <div>Induction ©</div>	PAGE : 28
Revision :	PAGE DESCRIPTION :Connection list : -	CONSULTANT :	CHECKED BY :	+ Connection_List		PAGES : 28 / 52
COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE :Engineer	APPROVED BY:	Shahab_Project2		

Connection list

F27_001

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-T1:11				=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_L13/18.6: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+L2-A6		T218		=Welder+L2_L11/8.6:D	=Welder+L2/11.5:D	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L2-PT6:x2		T219		=Welder+L1_L11/8.6:D	=Welder+L2/11.8:D	Conductor / wire
	=Welder+L1_L11-RTD16	=Welder+L2-PT7:x2		T220		=Welder+L1_L11/8.7:D	=Welder+L2/11.9:D	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+L3/11.4:B	=Welder+L3/12.2:C	Conductor / wire
	=Welder+L1_L11-Rect	=Welder+L1_L11-X1:14				=Welder+L1_L11/5.4:C	=Welder+L1_L11/10.8:C	Conductor / wire
	=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-SNB5	=Welder+L1_L13-SNB6				=Welder+L1_L13/14.7:C	=Welder+L1_L13/14.7: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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Date : 10/18/2019	PROJECT DESCRIPTION : WELDER_200KW	CONTRACTOR :	DESIGN BY : NIMA	= REPORTS	<div>SHAHAB</div> <div>Induction ©</div>	PAGE : 29
Revision :	PAGE DESCRIPTION :Connection list : -	CONSULTANT :	CHECKED BY :	+ Connection_List		PAGES : 29 / 52
COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE :Engineer	APPROVED BY:	Shahab_Project2		

Connection list

F27_001

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-F1:1: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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Date : 10/18/2019	PROJECT DESCRIPTION : WELDER_200KW	CONTRACTOR :	DESIGN BY : NIMA	= REPORTS	<div>SHAHAB</div> <div>Induction ©</div>	PAGE : 30
Revision :	PAGE DESCRIPTION :Connection list : -	CONSULTANT :	CHECKED BY :	+ Connection_List		PAGES : 30 / 52
COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE :Engineer	APPROVED BY:	Shahab_Project2		

Device tag list





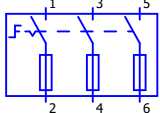




F03_001



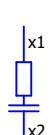




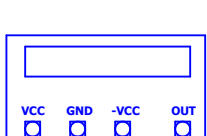

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
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=Welder+L1_L11-B1		=Welder+L1_L11/5.5:C	
=Welder+L1_L11-C1		=Welder+L1_L11/1.6:B	
=Welder+L1_L11-C2		=Welder+L1_L11/4.9:C	
=Welder+L1_L11-C3		=Welder+L1_L11/2.2:D	
=Welder+L1_L11-C4		=Welder+L1_L11/6.9:D	
=Welder+L1_L11-CT1		=Welder+L1_L11/1.4:B	
=Welder+L1_L11-CT2		=Welder+L1_L11/1.5:B	
=Welder+L1_L11-CT3		=Welder+L1_L11/1.6:B	

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=Welder+L1_L11-D1		=Welder+L1_L11/5.7:C	
=Welder+L1_L11-E.M		=Welder+L1_L11/7.3:B	
=Welder+L1_L11-E2		=Welder+L1_L11/5.8:B	
=Welder+L1_L11-EX1		=Welder+L1_L11/3.6:B	
=Welder+L1_L11-F1		=Welder+L1_L11/1.2:B	
=Welder+L1_L11-F2		=Welder+L1_L11/1.3:C	
=Welder+L1_L11-F3		=Welder+L1_L11/2.6:B	
=Welder+L1_L11-F4		=Welder+L1_L11/3.2:A	
=Welder+L1_L11-F5		=Welder+L1_L11/4.9:A	

Device tag list

F03_001

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=Welder+L1_L11-F6		=Welder+L1_L11/4.7:C	
=Welder+L1_L11-F7		=Welder+L1_L11/4.4:C	
=Welder+L1_L11-F8		=Welder+L1_L11/4.3:C	
=Welder+L1_L11-F9		=Welder+L1_L11/4.9:B	
=Welder+L1_L11-F10		=Welder+L1_L11/2.2:B	
=Welder+L1_L11-F11		=Welder+L1_L11/3.9:B	
=Welder+L1_L11-FBs-8X		=Welder+L1_L11/9.7:B	
=Welder+L1_L11-FBs-8X-PE		=Welder+L1_L11/9.7:D	
=Welder+L1_L11-FBs-8X-SS		=Welder+L1_L11/9.7:B	

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=Welder+L1_L11-FBs2		=Welder+L1_L11/9.2:B	
=Welder+L1_L11-FBs2-AG		=Welder+L1_L11/9.3:B	
=Welder+L1_L11-FL1		=Welder+L1_L11/5.9:C	
=Welder+L1_L11-H1		=Welder+L1_L11/3.3:B	
=Welder+L1_L11-H4		=Welder+L1_L11/7.9:E	
=Welder+L1_L11-H5		=Welder+L1_L11/7.9:E	
=Welder+L1_L11-H6		=Welder+L1_L11/7.9:D	
=Welder+L1_L11-HALLSENSOR		=Welder+L1_L11/5.5:B	
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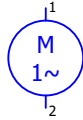
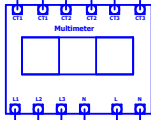
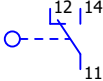
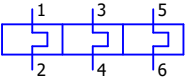





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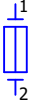
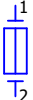
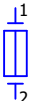
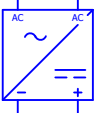
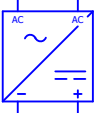



Date : 10/18/2019	PROJECT DESCRIPTION : WELDER_200KW	CONTRACTOR :	DESIGN BY : NIMA	= REPORTS
Revision :	PAGE DESCRIPTION : Device tag list : =Welder+L1_L11-F6 - =Welder+L1_L11-L1	CONSULTANT :	CHECKED BY :	+ Device_Tag_List
COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE : Engineer	APPROVED BY:	Shahab_Project2



Device tag list

F03_001

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=Welder+L1_L11-M1	FAN	=Welder+L1_L11/3.5:B	
=Welder+L1_L11-METER1		=Welder+L1_L11/1.5:D	
=Welder+L1_L11-MS1		=Welder+L1_L11/3.3:B	
=Welder+L1_L11-OCR		=Welder+L1_L11/2.2:C	
=Welder+L1_L11-OCR1		=Welder+L1_L11/6.4:D	
=Welder+L1_L11-PLC1		=Welder+L1_L11/7.4:B	
=Welder+L1_L11-PLC1-+		=Welder+L1_L11/7.5:B	
=Welder+L1_L11-PLC1-COM		=Welder+L1_L11/7.5:B	
=Welder+L1_L11-PLC1-L		=Welder+L1_L11/7.5:D	

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=Welder+L1_L11-PLC1-N		=Welder+L1_L11/7.5:D	
=Welder+L1_L11-PRT1		=Welder+L1_L11/1.7:B	
=Welder+L1_L11-PRT2		=Welder+L1_L11/1.7:B	
=Welder+L1_L11-PRT3		=Welder+L1_L11/1.8:B	
=Welder+L1_L11-PS1		=Welder+L1_L11/4.3:B	
=Welder+L1_L11-PS2		=Welder+L1_L11/4.7:B	
=Welder+L1_L11-R0		=Welder+L1_L11/6.3:B	
=Welder+L1_L11-R1		=Welder+L1_L11/6.4:C	
=Welder+L1_L11-R2		=Welder+L1_L11/6.3:B	

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




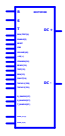



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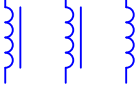

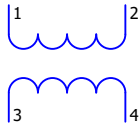

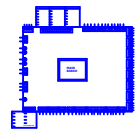
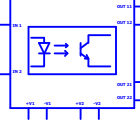
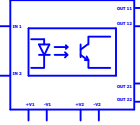

Date : 10/18/2019	PROJECT DESCRIPTION : WELDER_200KW	CONTRACTOR :	DESIGN BY : NIMA	= REPORTS
Revision :	PAGE DESCRIPTION : Device tag list : =Welder+L1_L11-M1 - =Welder+L1_L11-R2	CONSULTANT:	CHECKED BY :	+ Device_Tag_List
COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE : Engineer	APPROVED BY:	Shahab_Project2



Device tag list

F03_001

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=Welder+L1_L11-R3		=Welder+L1_L11/6.4:B	
=Welder+L1_L11-R4		=Welder+L1_L11/6.4:B	
=Welder+L1_L11-R5		=Welder+L1_L11/6.5:B	
=Welder+L1_L11-RTD16		=Welder+L1_L11/8.3:B	
=Welder+L1_L11-RTD16-+		=Welder+L1_L11/8.4:B	
=Welder+L1_L11-Rect		=Welder+L1_L11/5.4:C	
=Welder+L1_L11-T.S1		=Welder+L1_L11/7.3:B	
=Welder+L1_L11-T.S2		=Welder+L1_L11/7.2:B	
=Welder+L1_L11-T.S3		=Welder+L1_L11/7.2:B	

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=Welder+L1_L11-T.S4		=Welder+L1_L11/7.2:C	
=Welder+L1_L11-T1	CHOKE	=Welder+L1_L11/1.9:B	
=Welder+L1_L11-T2	DC LINK	=Welder+L1_L11/5.7:B	
=Welder+L1_L11-T3		=Welder+L1_L11/2.6:D	
=Welder+L1_L11-X1		=Welder+L1_L11/10.2:C	
=Welder+L1_L12-A7		=Welder+L1_L12/12.6:C	
=Welder+L1_L12-DRV1		=Welder+L1_L12/13.3:B	
=Welder+L1_L12-DRV2		=Welder+L1_L12/13.8:B	
=Welder+L1_L12-F12		=Welder+L1_L12/11.4:D	

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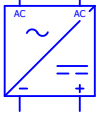
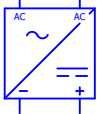
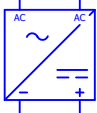
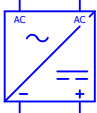
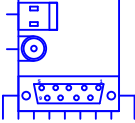


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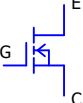
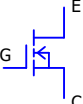
Date : 10/18/2019	PROJECT DESCRIPTION : WELDER_200KW	CONTRACTOR :	DESIGN BY : NIMA	= REPORTS
Revision :	PAGE DESCRIPTION : Device tag list : =Welder+L1_L11-R3 - =Welder+L1_L12-F12	CONSULTANT :	CHECKED BY :	+ Device_Tag_List
COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE : Engineer	APPROVED BY:	Shahab_Project2



Device tag list

F03_001

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=Welder+L1_L12-F13		=Welder+L1_L12/11.4:E	
=Welder+L1_L12-F14		=Welder+L1_L12/11.8:D	
=Welder+L1_L12-PS3		=Welder+L1_L12/11.3:C	
=Welder+L1_L12-PS4		=Welder+L1_L12/11.5:C	
=Welder+L1_L12-PS5		=Welder+L1_L12/11.7:C	
=Welder+L1_L12-PS6		=Welder+L1_L12/11.9:C	
=Welder+L1_L13-A4		=Welder+L1_L13/15.10:A	
=Welder+L1_L13-CT4		=Welder+L1_L13/14.4:A	
=Welder+L1_L13-CT5		=Welder+L1_L13/14.4:D	

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=Welder+L1_L13-CT6		=Welder+L1_L13/15.4:A	
=Welder+L1_L13-CT7		=Welder+L1_L13/15.4:D	
=Welder+L1_L13-CT8		=Welder+L1_L13/14.7:D	
=Welder+L1_L13-CT9		=Welder+L1_L13/14.7:A	
=Welder+L1_L13-CT10		=Welder+L1_L13/15.6:D	
=Welder+L1_L13-CT11		=Welder+L1_L13/15.6:A	
=Welder+L1_L13-E3		=Welder+L1_L13/14.4:B	
=Welder+L1_L13-E4		=Welder+L1_L13/14.4:B	
=Welder+L1_L13-E5		=Welder+L1_L13/14.4:C	

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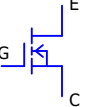
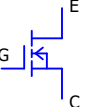


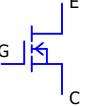
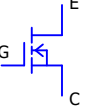

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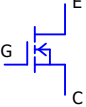
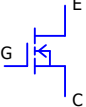

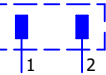
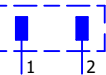
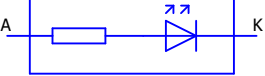
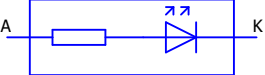
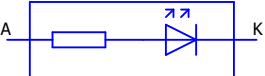
Date : 10/18/2019	PROJECT DESCRIPTION : WELDER_200KW	CONTRACTOR :	DESIGN BY : NIMA	= REPORTS
Revision :	PAGE DESCRIPTION : Device tag list : =Welder+L1_L12-F13 - =Welder+L1_L13-E5	CONSULTANT :	CHECKED BY :	+ Device_Tag_List
COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE : Engineer	APPROVED BY:	Shahab_Project2



Device tag list

F03_001

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-E7		=Welder+L1_L13/15.3:B	
=Welder+L1_L13-E8		=Welder+L1_L13/15.3:B	
=Welder+L1_L13-E9		=Welder+L1_L13/15.3:C	
=Welder+L1_L13-E10		=Welder+L1_L13/15.3:D	
=Welder+L1_L13-E11		=Welder+L1_L13/14.8:D	
=Welder+L1_L13-E12		=Welder+L1_L13/14.8:C	
=Welder+L1_L13-E13		=Welder+L1_L13/14.8:B	
=Welder+L1_L13-E14		=Welder+L1_L13/14.8:B	

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=Welder+L1_L13-E15		=Welder+L1_L13/15.7:D	
=Welder+L1_L13-E16		=Welder+L1_L13/15.7:C	
=Welder+L1_L13-E17		=Welder+L1_L13/15.7:B	
=Welder+L1_L13-E18		=Welder+L1_L13/15.7:B	
=Welder+L1_L13-EX2		=Welder+L1_L11/3.6:C	
=Welder+L1_L13-EX3		=Welder+L1_L11/3.9:D	
=Welder+L1_L13-GB1		=Welder+L1_L13/14.3:B	
=Welder+L1_L13-GB2		=Welder+L1_L13/14.3:C	
=Welder+L1_L13-GB3		=Welder+L1_L13/15.2:B	

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Date : 10/18/2019	PROJECT DESCRIPTION : WELDER_200KW	CONTRACTOR :	DESIGN BY : NIMA	= REPORTS
Revision :	PAGE DESCRIPTION : Device tag list : =Welder+L1_L13-E6 - =Welder+L1_L13-GB3	CONSULTANT :	CHECKED BY :	+ Device_Tag_List
COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE : Engineer	APPROVED BY:	Shahab_Project2



Device tag list

F03_001

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-GB5		=Welder+L1_L13/14.9:C	
=Welder+L1_L13-GB6		=Welder+L1_L13/14.9:B	
=Welder+L1_L13-GB7		=Welder+L1_L13/15.8:C	
=Welder+L1_L13-GB8		=Welder+L1_L13/15.8:B	
=Welder+L1_L13-H2		=Welder+L1_L11/3.3:C	
=Welder+L1_L13-H3		=Welder+L1_L11/3.3:C	
=Welder+L1_L13-M2	FAN	=Welder+L1_L11/3.5:C	
=Welder+L1_L13-MS2		=Welder+L1_L11/3.3:C	

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=Welder+L1_L13-MS3		=Welder+L1_L11/3.3:D	
=Welder+L1_L13-PT1		=Welder+L1_L13/14.4:E	
=Welder+L1_L13-PT3		=Welder+L1_L13/15.6:E	
=Welder+L1_L13-PT4		=Welder+L1_L13/15.4:E	
=Welder+L1_L13-R32		=Welder+L1_L12/13.2:D	
=Welder+L1_L13-R33		=Welder+L1_L12/13.3:D	
=Welder+L1_L13-R34		=Welder+L1_L12/13.4:D	
=Welder+L1_L13-R35		=Welder+L1_L12/13.5:D	
=Welder+L1_L13-R36		=Welder+L1_L12/13.6:D	

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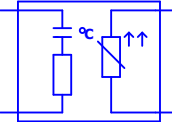
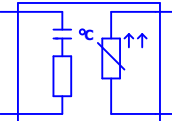
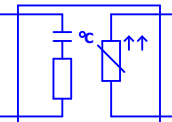
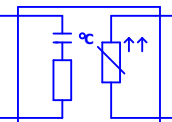
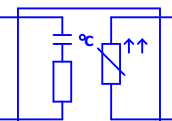
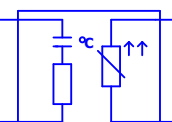
NEXT PAGE : 39

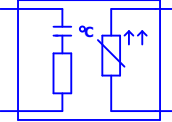
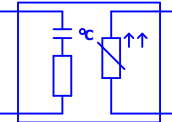
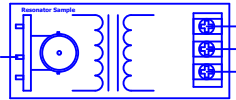
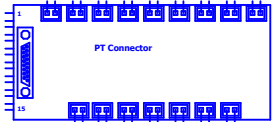





Date : 10/18/2019	PROJECT DESCRIPTION : WELDER_200KW	CONTRACTOR :	DESIGN BY : NIMA	= REPORTS
Revision :	PAGE DESCRIPTION : Device tag list : =Welder+L1_L13-GB4 - =Welder+L1_L13-R36	CONSULTANT :	CHECKED BY :	+ Device_Tag_List
COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE : Engineer	APPROVED BY:	Shahab_Project2



Device tag list

F03_001



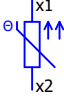

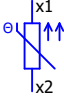
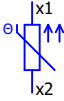
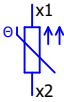
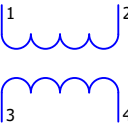
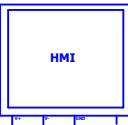

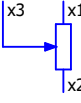
Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=Welder+L1_L13-R37		=Welder+L1_L12/13.7:D	
=Welder+L1_L13-R38		=Welder+L1_L12/13.8:D	
=Welder+L1_L13-R39		=Welder+L1_L12/13.9:D	
=Welder+L1_L13-SNB1		=Welder+L1_L13/14.5:B	
=Welder+L1_L13-SNB2		=Welder+L1_L13/14.5:C	
=Welder+L1_L13-SNB3		=Welder+L1_L13/15.4:B	
=Welder+L1_L13-SNB4		=Welder+L1_L13/15.4:C	
=Welder+L1_L13-SNB5		=Welder+L1_L13/14.7:C	
=Welder+L1_L13-SNB6		=Welder+L1_L13/14.7:B	

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=Welder+L1_L13-SNB7		=Welder+L1_L13/15.7:C	
=Welder+L1_L13-SNB8		=Welder+L1_L13/15.7:B	
=Welder+L2-A5		=Welder+L2/11.2:B	
=Welder+L2-A6		=Welder+L2/11.5:D	
=Welder+L2-CAP1		=Welder+L2/11.4:B	
=Welder+L2-CAP2		=Welder+L2/11.4:B	
=Welder+L2-CAP3		=Welder+L2/11.5:B	
=Welder+L2-CAP4		=Welder+L2/11.6:B	
=Welder+L2-EARTH		=Welder+L2/11.3:B	

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1	2	3	4	5	6	7	8	9	10	
Device tag list										F03_001
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+L2-L3			=Welder+L2/11.8:B		=Welder+L3-SW			=Welder+L3/11.3:B		
=Welder+L2-PT5			=Welder+L2/11.7:D		=Welder+L3-X2			=Welder+L3/12.2:C		
=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							

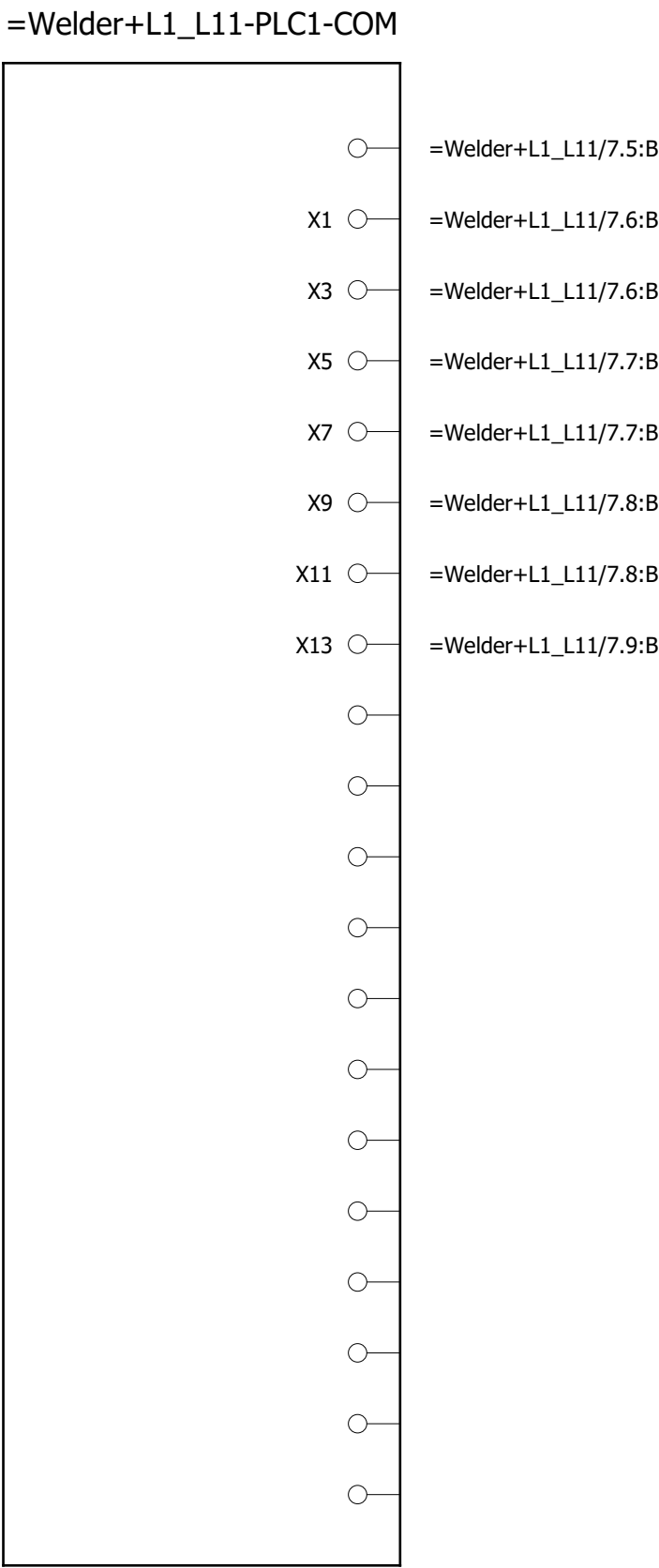
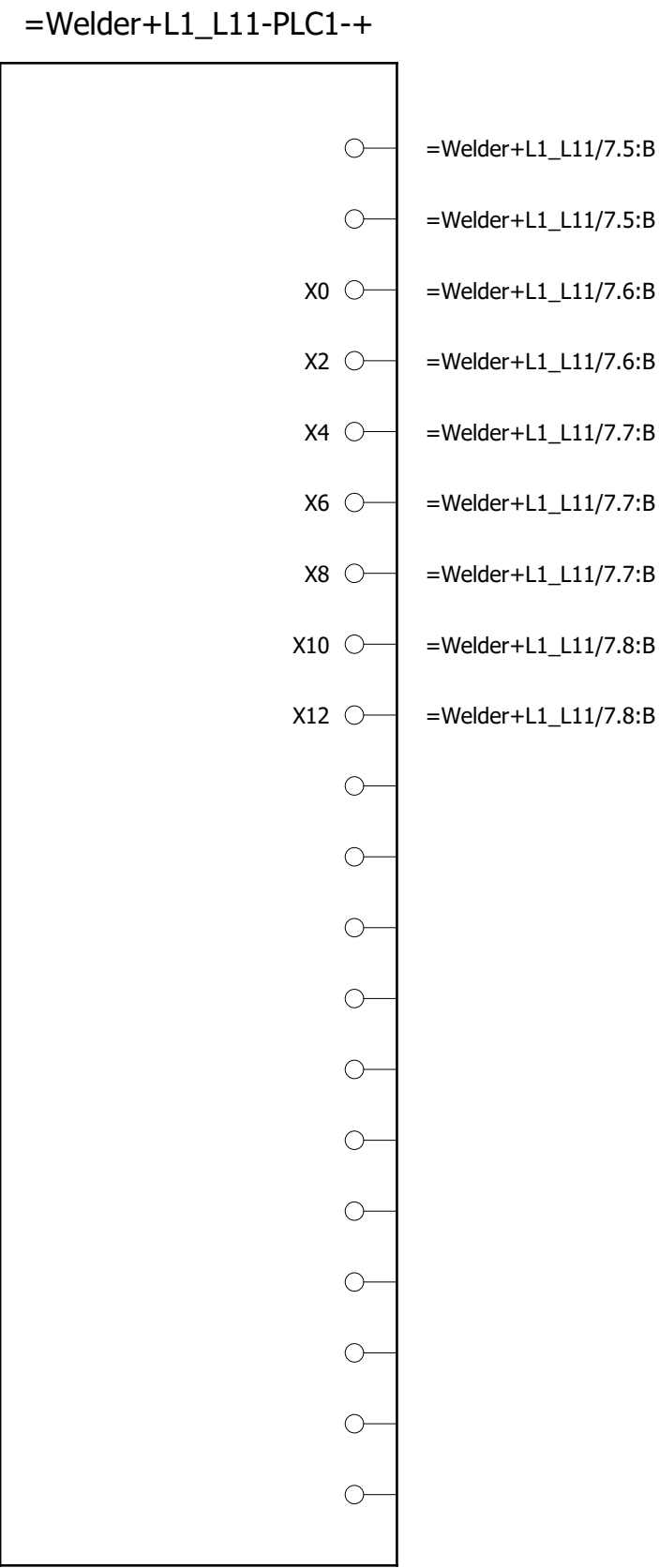
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PLC card overview

F20_001



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A	Parts list									
	F01_001									
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Parts list F01_001

[illegible]

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

Terminal diagram

F13_003

External targets		Strip =Welder+L1_L11-X1		Internal targets			
Target designation	Wiring	Jumper	Function text	Jumper	Wiring	Target designation	Placement
		•	1	•			
			2			-C3:2	/2.2:D
			3			-C3:4	/2.2:D
			4			-C3:6	/2.2:D
+L1_L12-A7			5				
+L1_L12-A7			6				
		•	7	•			
+L1_L12-A7			8				
+L3-EM:11			9				
+L3-X2:2			10				
+L3-X2:3			11				
+L3-SW:12			12			-C4:A1	/6.9:D
+L3-POT:x1			13			+L1_L12-A7	+L1_L12/12.6:C
+L3-X2:6			14			-Rect	/5.4:C
+L3-POT:x2			15			-Rect	/5.4:C
+L3-A9			16			-FBs2	/9.2:B
+L3-A9			17			-FBs2	/9.3:B
		•	18	•			

Date : 10/18/2019	PROJECT DESCRIPTION : WELDER_200KW	CONTRACTOR :	DESIGN BY : NIMA	= REPORTS
Revision :	PAGE DESCRIPTION :Terminal diagram =Welder+L1_L11-X1	CONSULTANT :	CHECKED BY :	+ Terminal_Diagram
COMPANY NAME : Shahab Induction Group	DRAWING NUMBER :	CREATOR TITLE :Engineer	APPROVED BY:	Shahab_Project2



Terminal diagram

F13_003

