



Schema Elettrico / Wiring Diagram / Schéma de câblage / Schaltplan

8E990061/001/A

Modello macchina / Machine model / Modèle de machine / Maschinen-Modell

EKE NewGen IS/ST/AS/EC/00 1204

Dati elettrici / Electrical data / Données électriques / Elektrische Daten:

Tensione esercizio / Main Voltage / Tension principale / Hauptspannung:	400V/3ph/50Hz
Tensione ausiliari / Auxiliary Voltage / Tension auxiliaire / Hilfsspannung:	230Vac-24Vac

Potenza max. assorbita / Max. total power input / Puissance absorbée totale max. / Max. gesamtleistung:	131,2 kW
Corrente max. assorbita / Max. absorbed current / Courant max. absorbé / Max. absorbierter strom	222 A
Corrente di spunto / Starting current / Courant de démarrage / Anlaufstrom:	391,7 A

Limiti operativi / Operating limits / Limites de fonctionnement / Betriebsgrenzen:

Range di tensione / Voltage range / Intervalle de tension / Spannungsbereich:	+/- 10%
Squilibrio tensione / Voltage unbalance / Déséquilibre de tension / Spannungsunsymmetrie:	+/- 2%
Range di frequenza / Frequency range / Intervalle de fréquence / Frequenzbereich:	+/- 1%

REV A	Descrizione revisione / Revision description EMISSIONE			Model: <b>EKE NewGen IS/ST/AS/EC/00 1204</b>	This drawing is a property of Euroklimat S.p.A. and we reserve the copyright to all our designs which cannot be reproduced, transmitted, disclosed to third parties or utilized in any form without first obtaining our written consent. Contravention will be prosecuted. This drawing is subject to modification time to time to suit construction purpose.	SECTION <b>01</b>
	18/02/2025	Drafter MU	Checked AV			
				DRAFT.: MU	DATE: <b>18/02/2025</b>	

Simbol	Description
	INTERRUTTORE PRINCIPALE MAIN SWITCH INTERRUPTEUR PRINCIPAL HAUPTSCHALTER
	FUSIBILI FUSES FUSIBLES SICHERUNGEN
	TELERUTTORE CONTACTOR CONTACTEUR KONTAKTOR
	MOTORE TRIFASE THREE-PHASE MOTOR MOTEUR TRIPHASE DREIPHASIGER MOTOR
	INTERRUTTORE MAGNETOTERMICO SWITCH MAGNETERMIC COMMUTATEUR MAGNETERMIC SCHALTER MAGNETERMIK
	PROTEZIONE TERMICA THERMAL PROTECTION PROTECTION THERMIQUE WÄRMESCHUTZ
	RELE SEQUENZA FASI SEQUENCE PHASE RELAY RELAIS DE PHASE DE SEQUENCE SEQUENZPHASENRELAIS
	PROTEZIONE TERMICA AVVOLGIMENTI (VENTILATORE) WINDING TEMPERATURE PROTECTION (FAN) PROTECTION DE LA TEMPERATURE DE REMONTAGE (VENTILATEUR) WICKLUNGSTEMPERATURSCHUTZ (LÜFTER)
	RESISTENZA RESISTANCE RESISTANCE WIDERSTAND

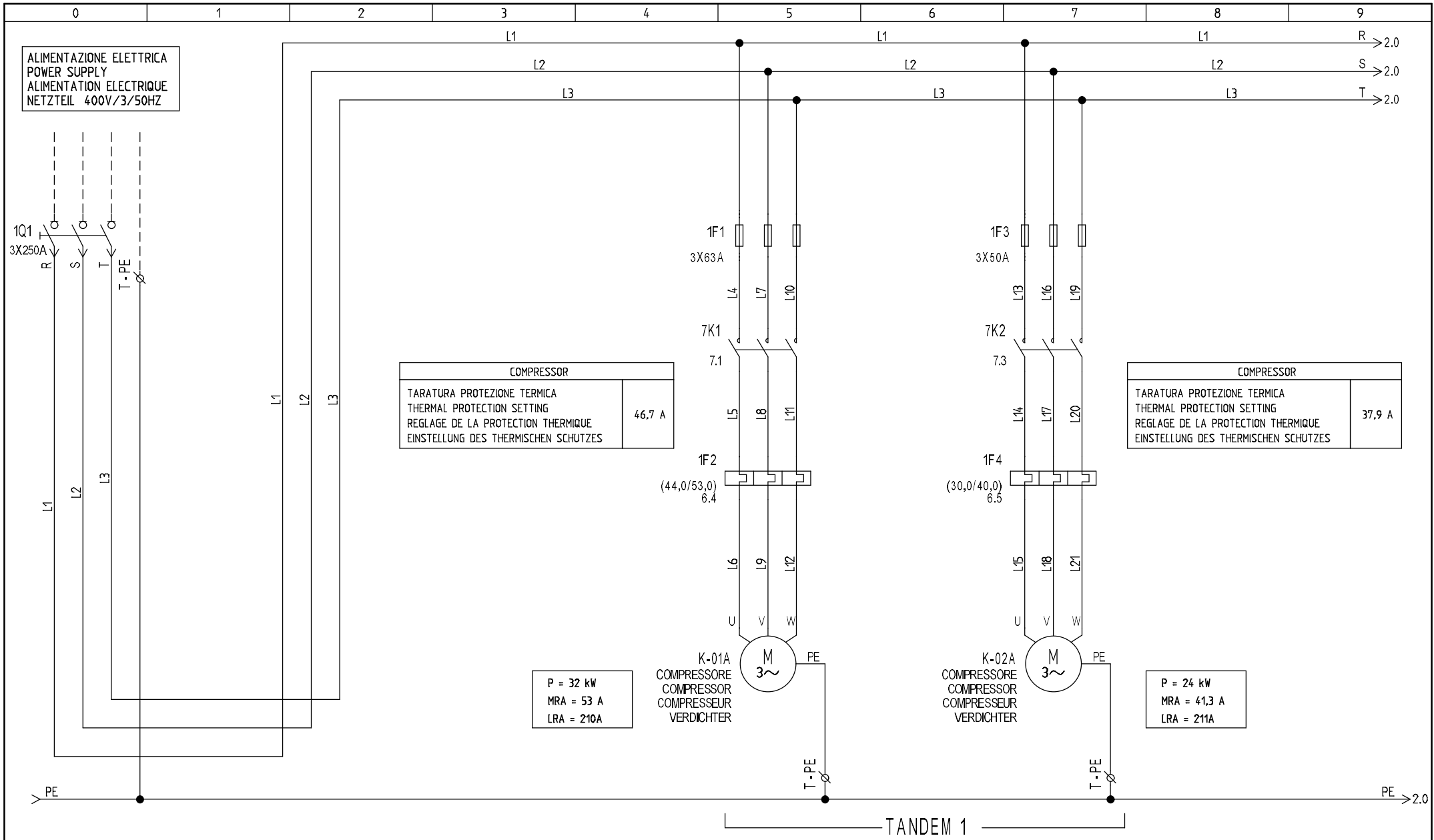
Simbol	Description
	RELE AUSILIARIO AUXILIARY RELAY RELAIS AUXILIAIRE HILFSRELAIS
	VALVOLA SOLENOIDE SOLENOID VALVE ELECTROVANNE MAGNETVENTIL
	PRESSOSTATO PRESSURE SWITCH INTERRUPTEUR DE PRESSION DRUCKSCHALTER
	SELETTORE 0-1 0-1 SELECTOR SELECTEUR 0-1 0-1 AUSWAHL
	TRASFORMATORE AUSILIARI AUXILIARY TRANSFORMER TRANSFORMATEUR AUXILIAIRE ZUSATZTRANSFORMATOR
	SONDA NTC NTC PROBE SONDE NTC NTC PROBE
	PRESSOSTATO DIFFERENZIALE DIFFERENTIAL PRESSURE SWITCH INTERRUPTEUR DE PRESSION DIFFERENTIELLE DIFFERENZDRUCKSCHALTER
	INTERRUTTORE CONTATTI AUSILIARI CIRCUIT BREAKER AUXILIARY CONTACT CONTACT AUXILIAIRE DISJONCTEUR CIRCUIT BREAKER ZUSATZKONTAKT

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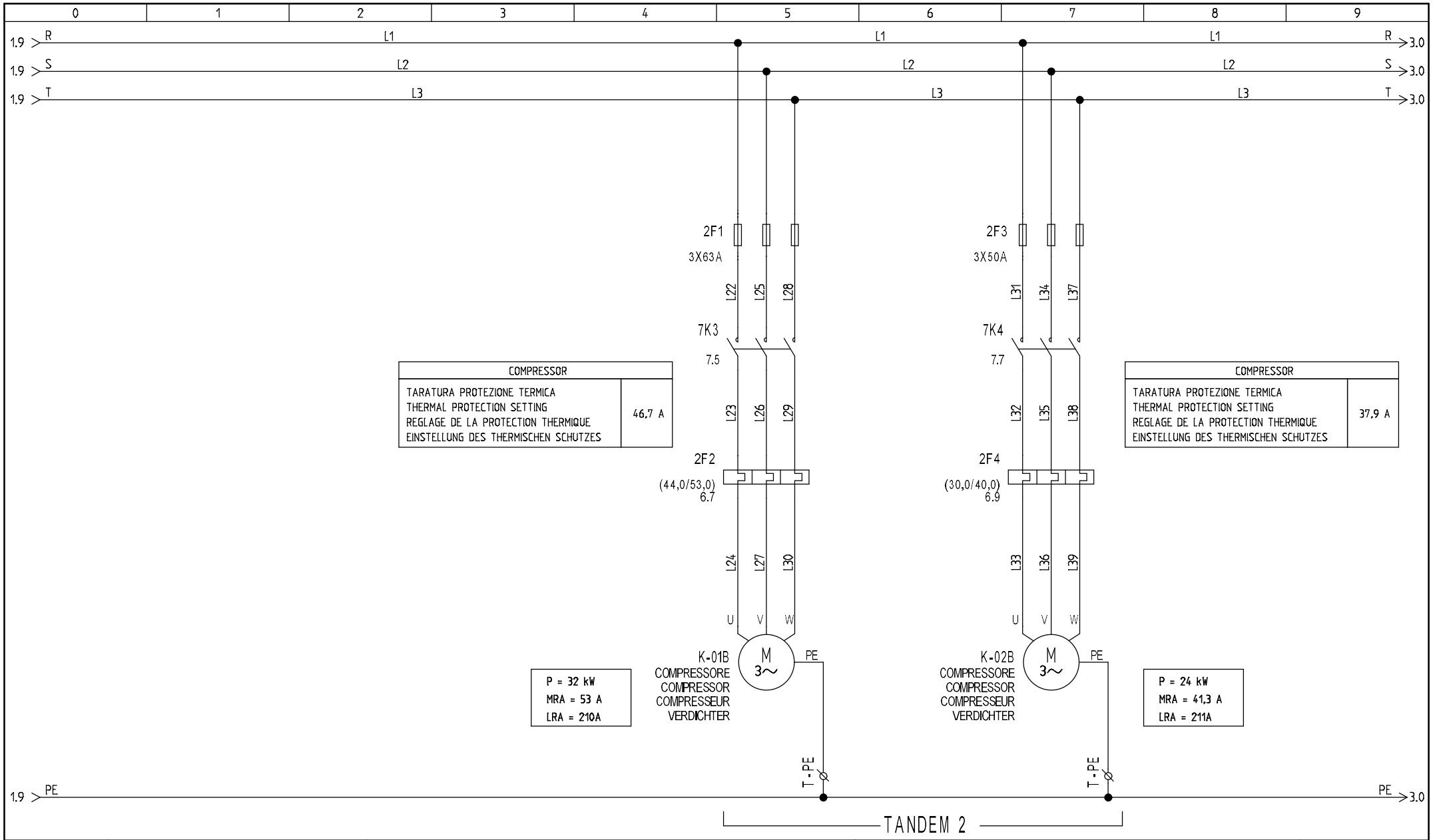
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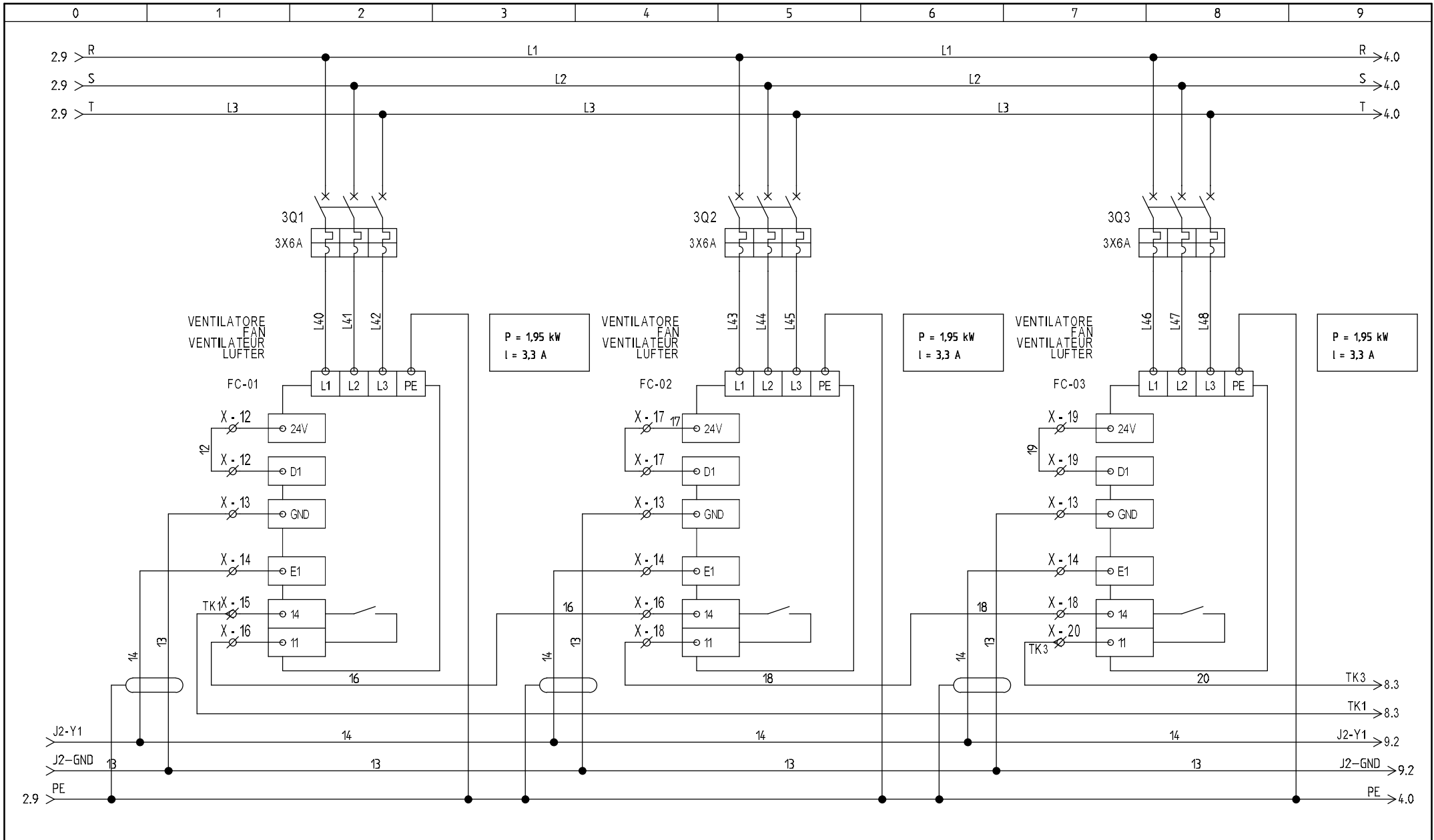
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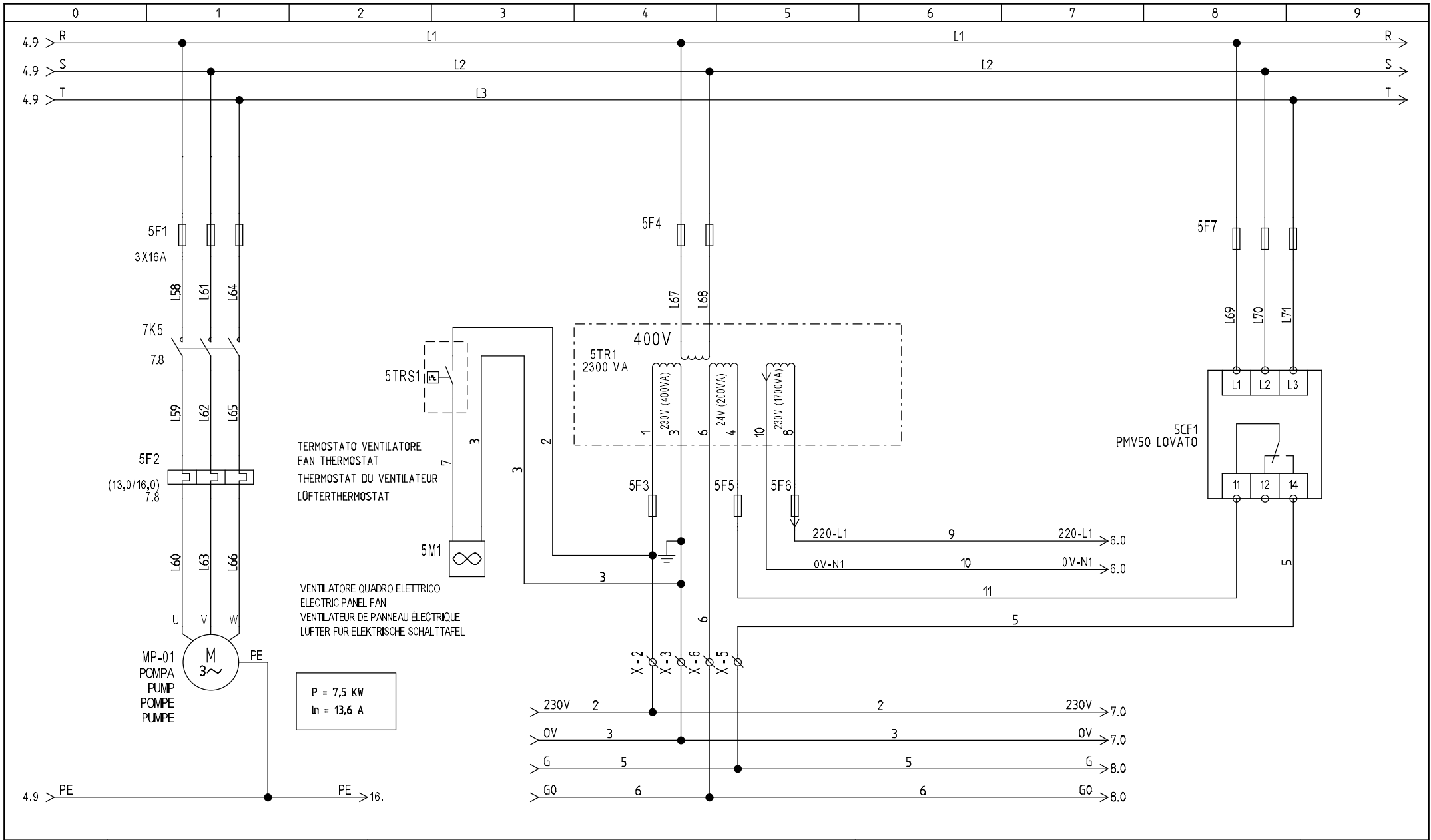
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 OF 16  
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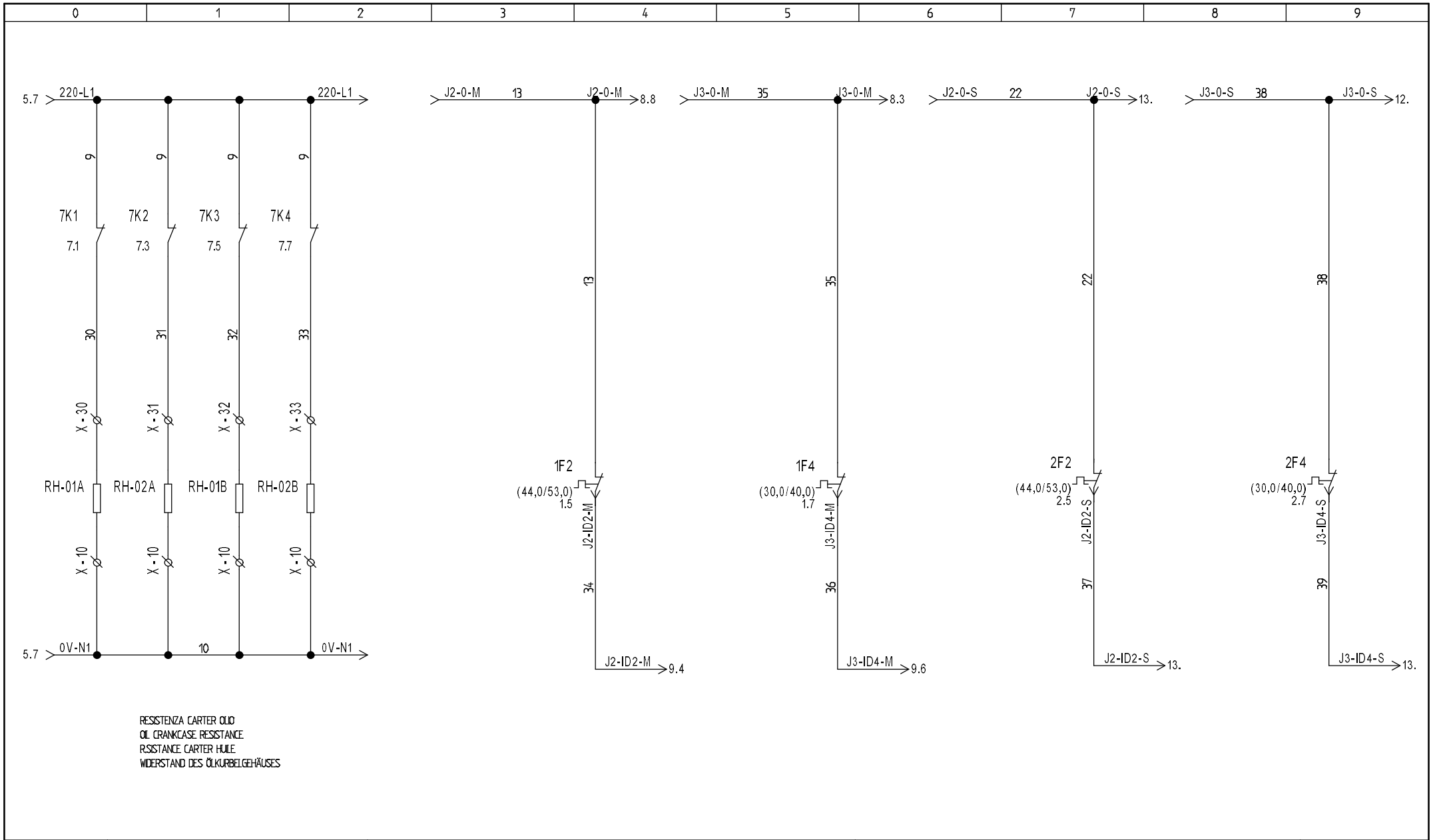
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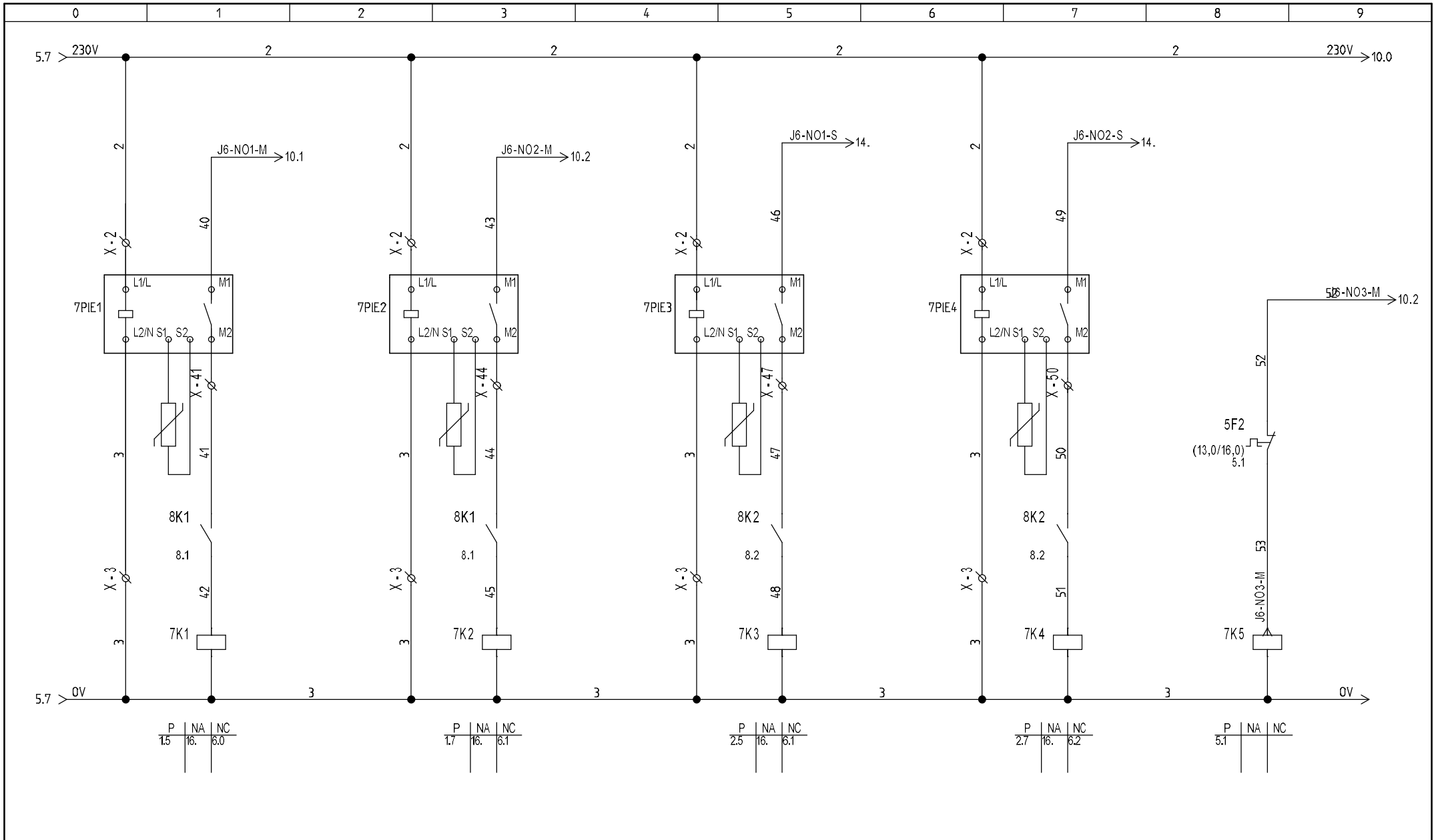
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			DATE: 18/02/2025	

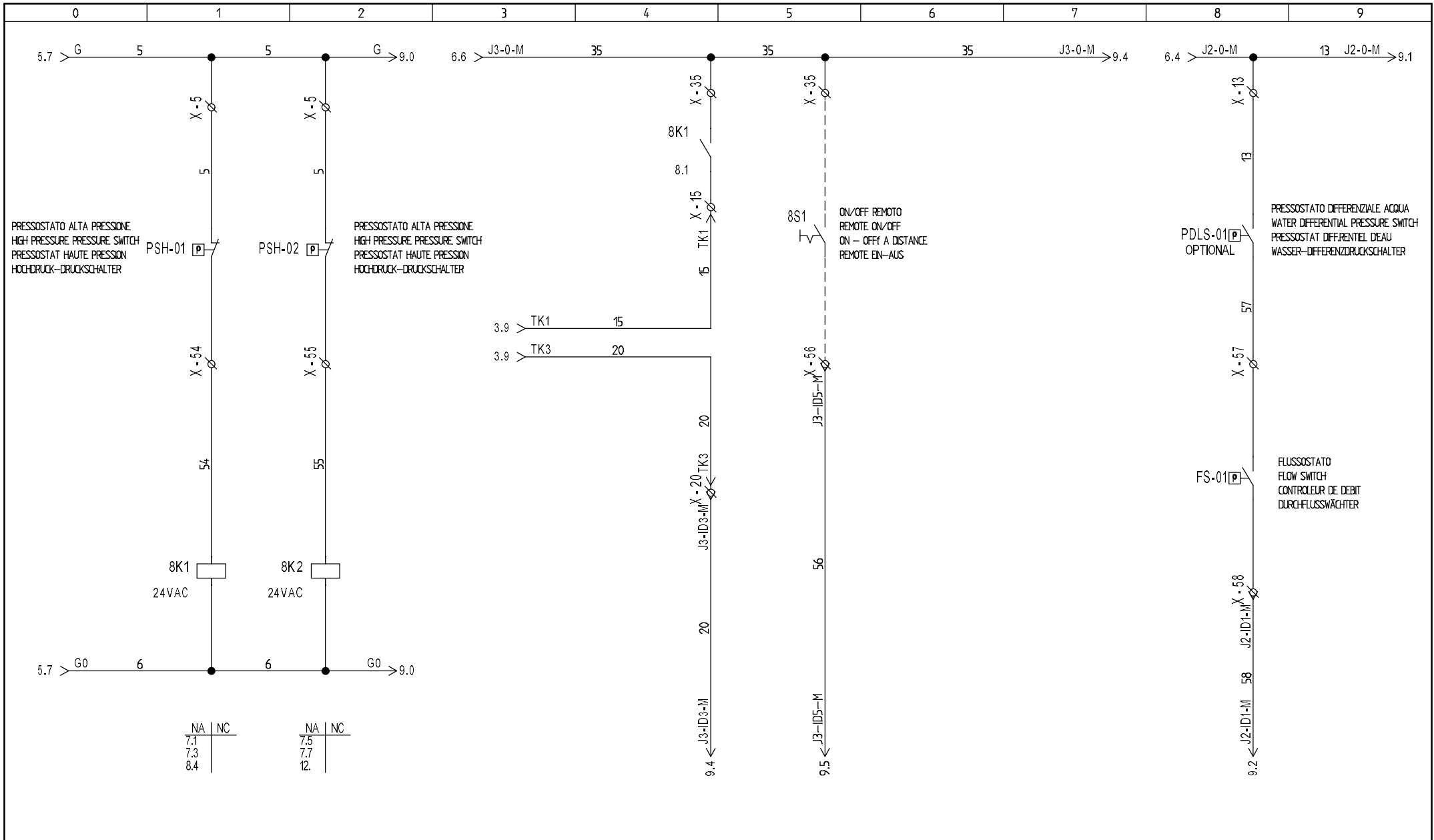


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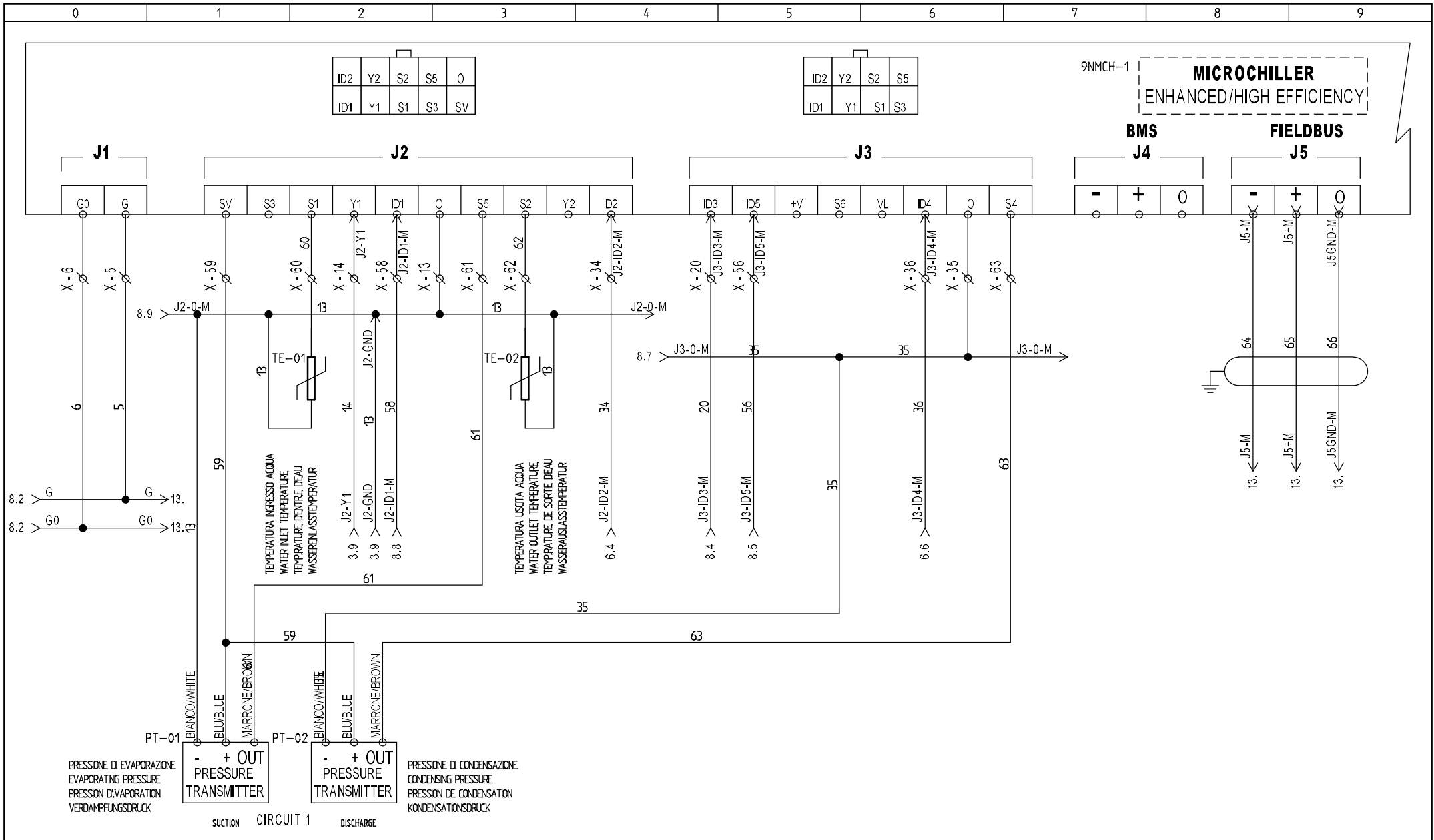
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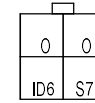


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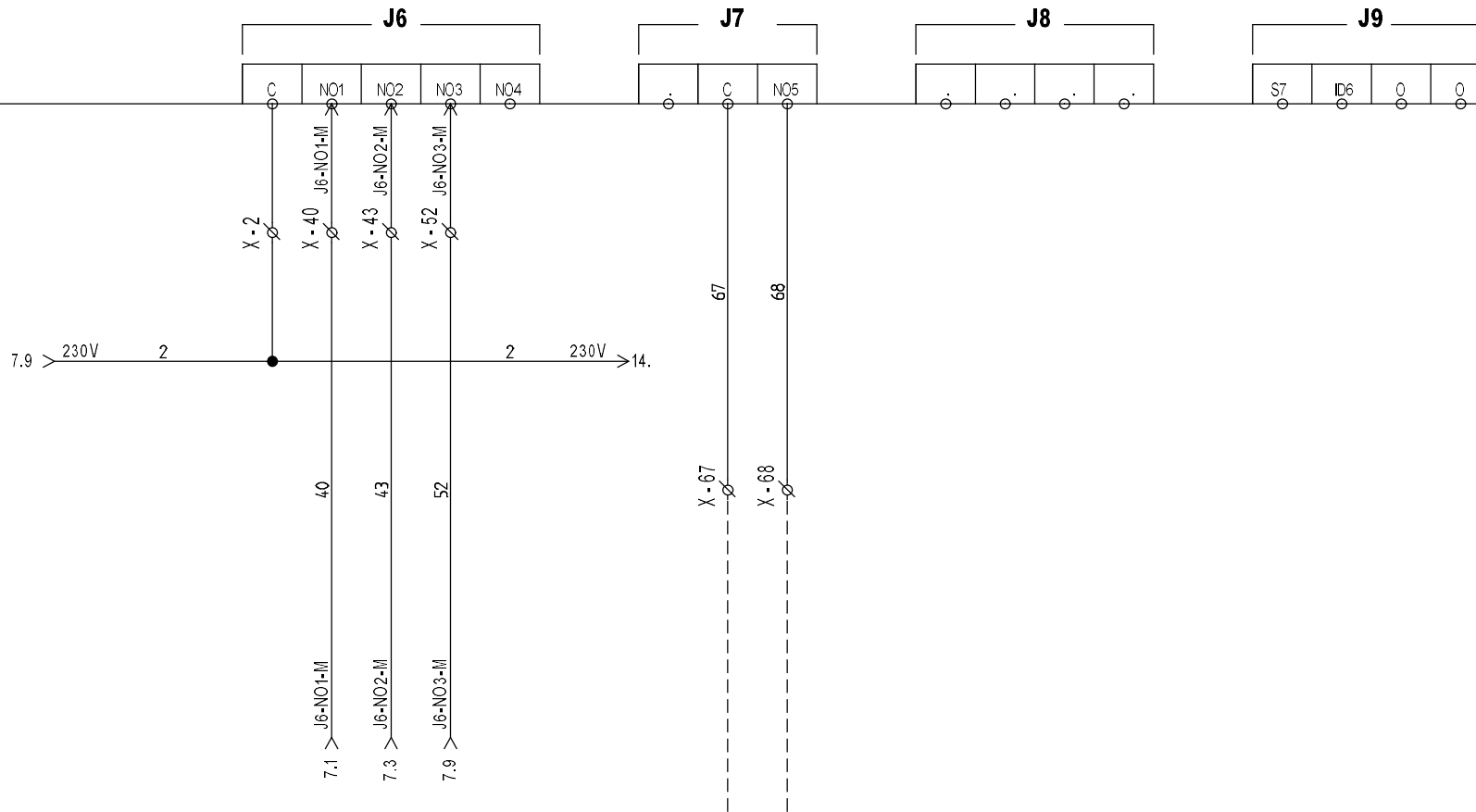
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10NMCH-1

**MICROCHILLER**  
ENHANCED/HIGH EFFICIENCY



ALLARME GENERALE  
GENERAL ALARM  
ALARME GENERALE  
ALLGEMEINER ALARM

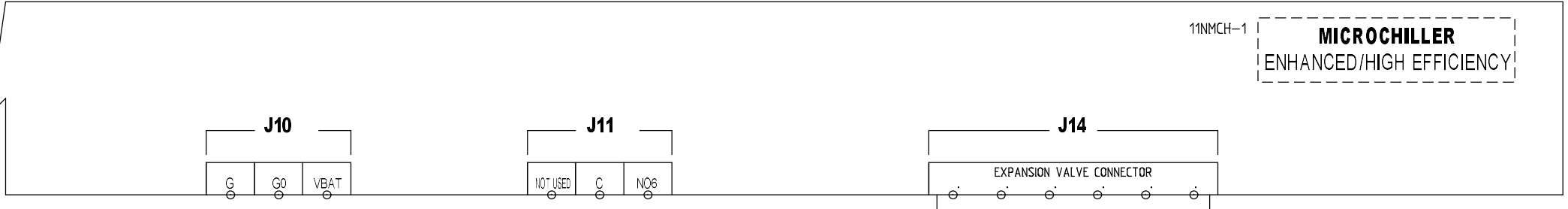
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REV A  
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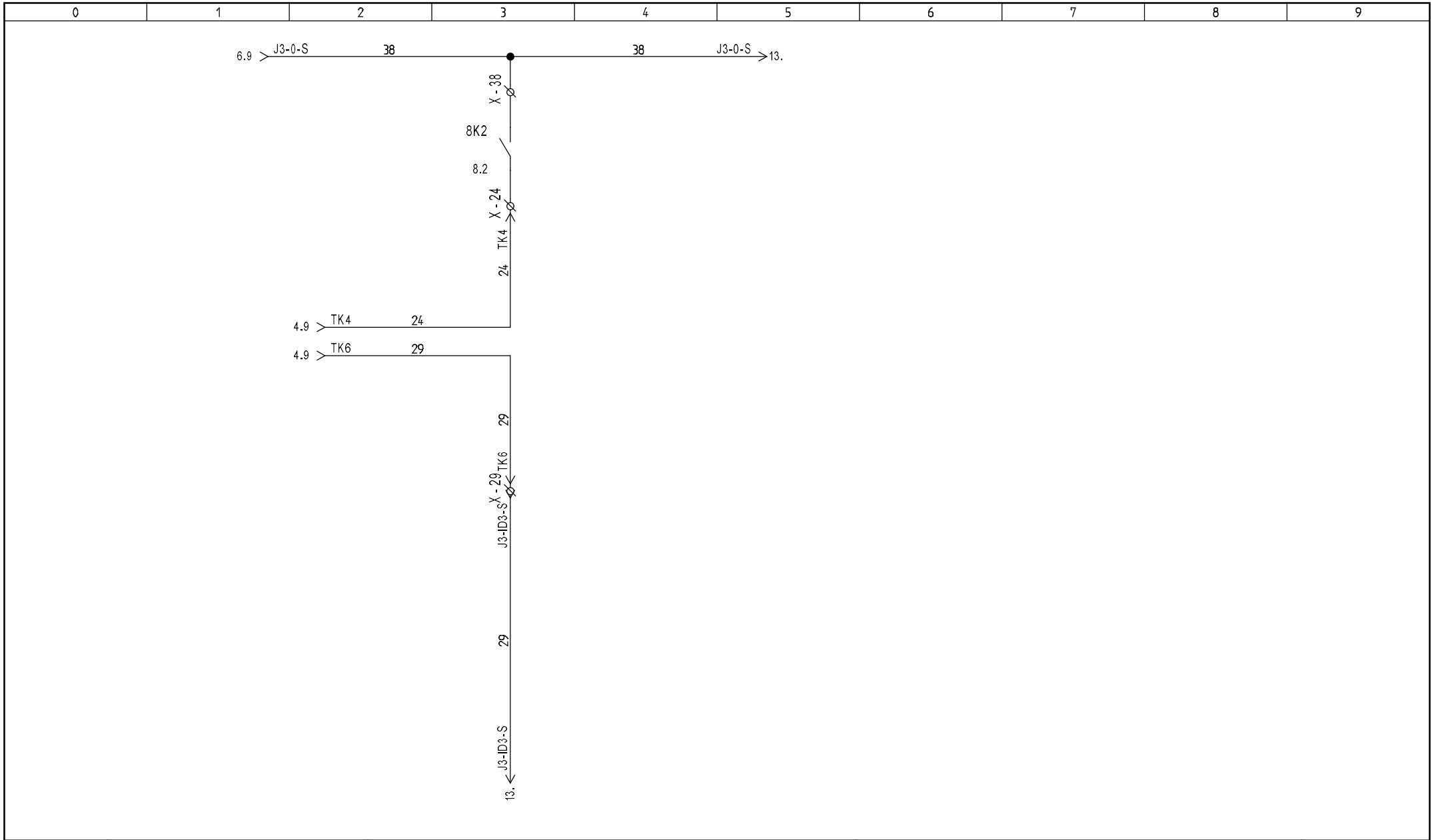
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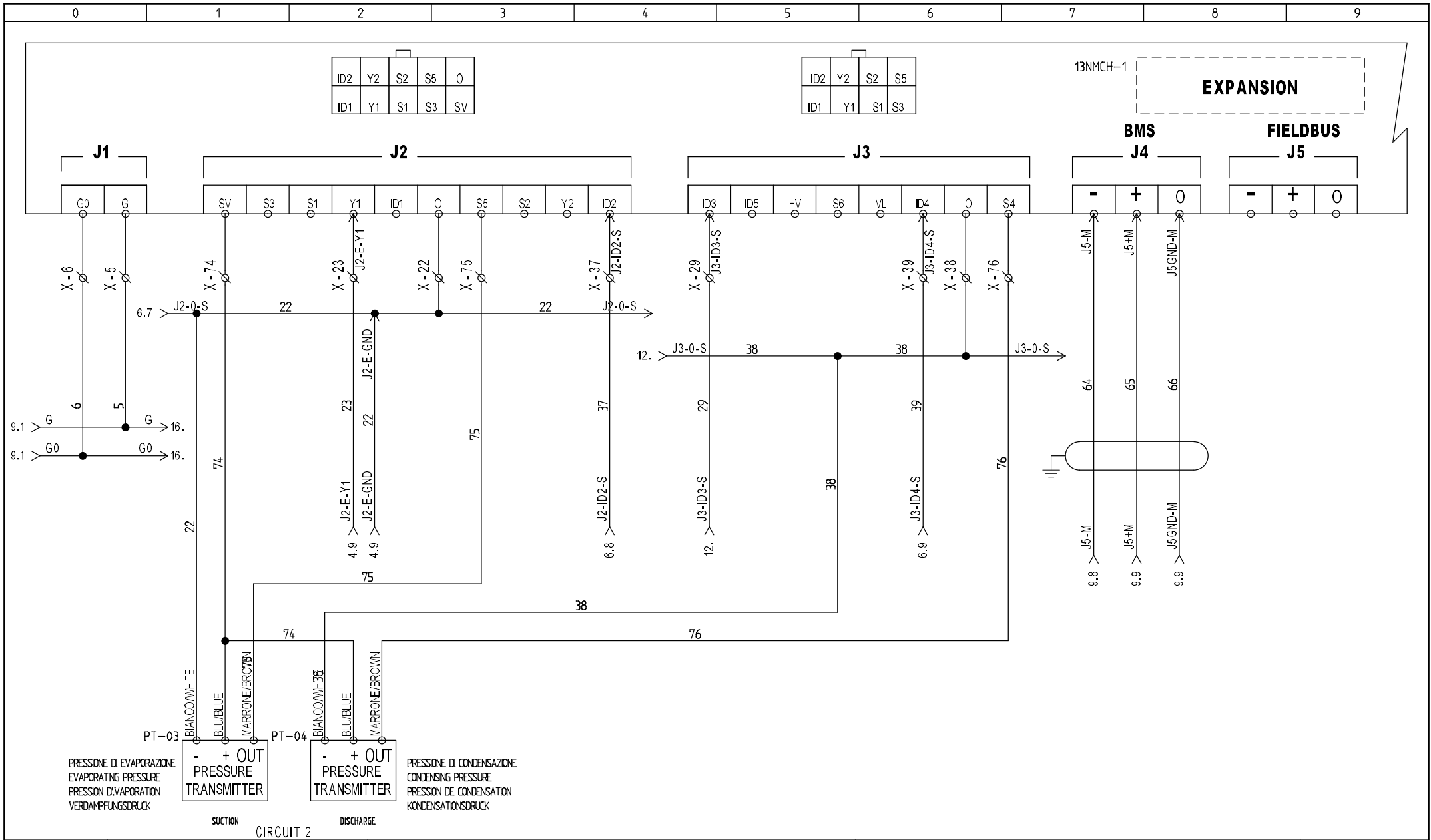
10 ◀ ▶ 12



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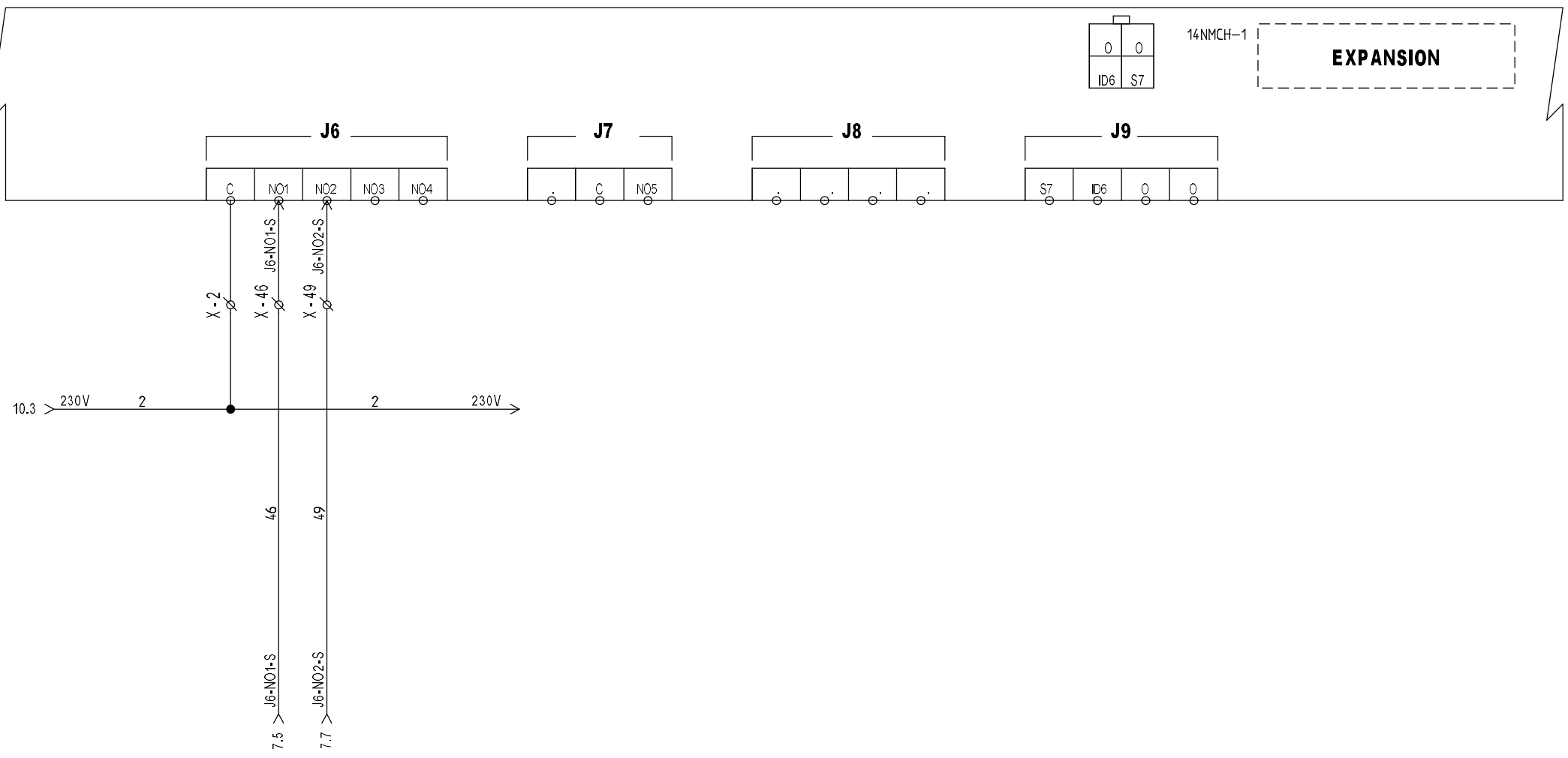
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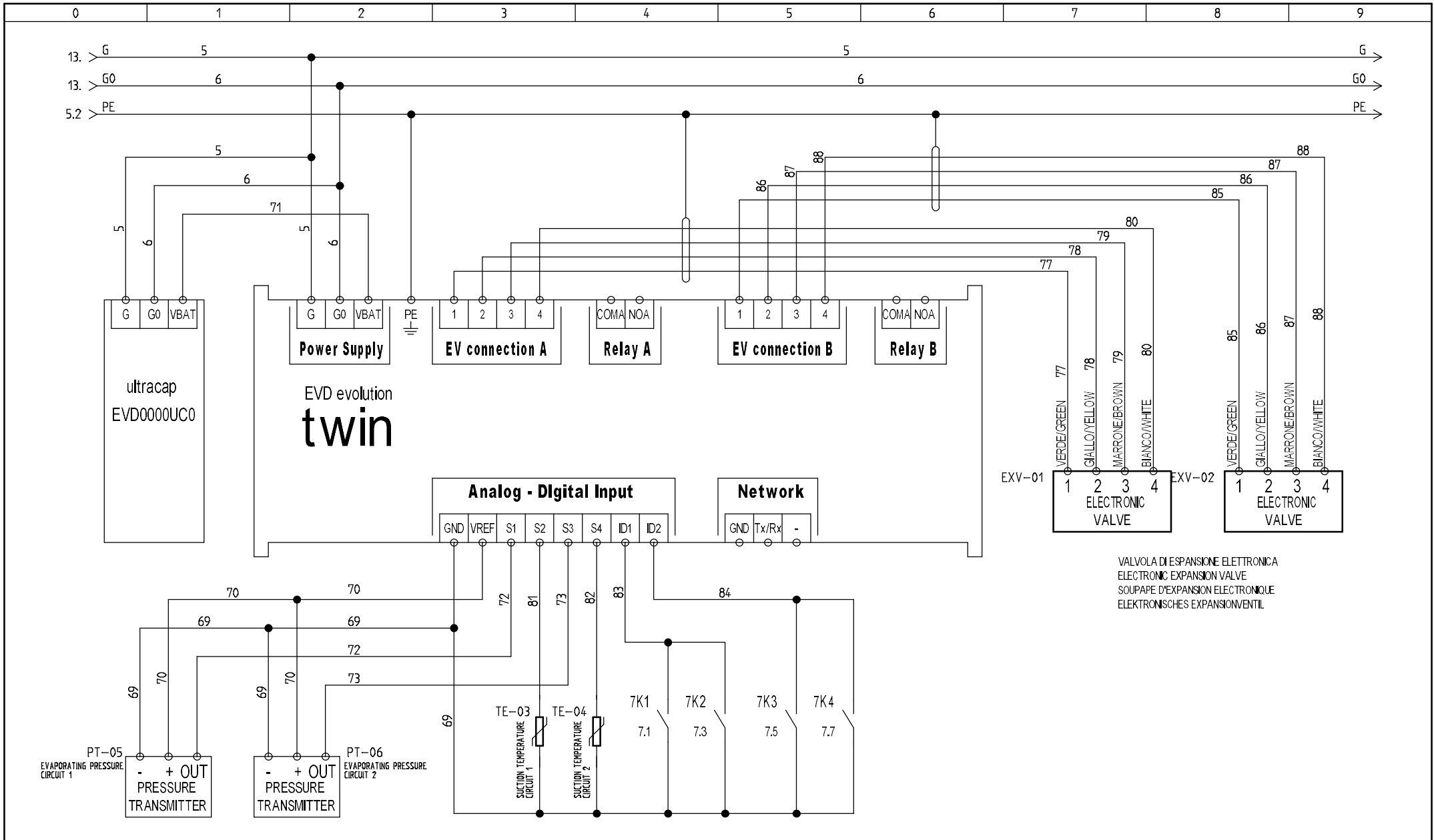


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# Morsetteria grafica

Morsetteria:  
X

Descrizione		Tipo cavo		Nome cavo		----- Cavo -----										Colonna						
REVISIONE		MODIFICA														Foglio						
DATA		FIRMA																				
						Destinazione	Mors.	N°	N° Filo	Origine												
						FC-04:ID1	⊕	21														4 1
						FC-04:GND	⊕	22														4 1
						FC-05:GND	⊕	22														4 4
						FC-06:GND	⊕	22	22	PT-03:BIANCO/WHITE											4 7	
							⊕	22	22	13NMCH-1:0											13	
						FC-04:E1	⊕	23													4 1	
						FC-05:E1	⊕	23													4 4	
						FC-06:E1	⊕	23													4 7	
							⊕	23	23	13NMCH-1:Y1											13	
						FC-04:14	⊕	24													4 1	
							⊕	24	24	8K2:2											12	
						FC-04:11	⊕	25													4 1	
						FC-05:14	⊕	25													4 4	
						FC-05:24V	⊕	26													4 4	
						FC-05:ID1	⊕	26													4 4	
						FC-05:11	⊕	27													4 4	
						FC-06:14	⊕	27													4 7	
						FC-06:24V	⊕	28													4 7	
						FC-06:ID1	⊕	28													4 7	
						FC-06:11	⊕	29													4 7	
							⊕	29													12	
							⊕	29	29	13NMCH-1:ID3											13	
						RH-01A:1	○	30	30	7K1:2											6 0	
						RH-02A:1	○	31	31	7K2:2											6 1	
						RH-01B:1	○	32	32	7K3:2											6 1	
						RH-02B:1	○	33	33	7K4:2											6 2	
						1F2:2	○	34	34	9NMCH-1:ID2											9 4	
						8K1:1	⊕	35	35	1F4:1											8 4	
							⊕	35	35	PT-02:BIANCO/WHITE											8 5	
						PT-02:BIANCO/WHITE	○	35	35	9NMCH-1:0											9 6	
						1F4:2	○	36	36	9NMCH-1:ID4											9 6	
						2F2:2	○	37	37	13NMCH-1:ID2											13	
						8K2:1	○	38	38	2F4:1											12	
							○	38	38	PT-04:BIANCO/WHITE												
						PT-04:BIANCO/WHITE	○	38	38	13NMCH-1:0											13	
						2F4:2	○	39	39	13NMCH-1:ID4											13	
						7PIE1:M1	○	40	40	10NMCH-1:ND1											10 1	
						8K1:1	○	41	41	7PIE1:M2											7 1	
						7PIE2:M1	○	43	43	10NMCH-1:ND2											10 2	
						8K1:1	○	44	44	7PIE2:M2											7 3	
						7PIE3:M1	○	46	46	14NMCH-1:ND1											14	
						8K2:1	○	47	47	7PIE3:M2											7 5	
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						5F2:1	○	52	52	10NMCH-1:ND3											10 2	
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						8K2:A1	○	55	55	PSH-02:NC											8 2	
							⊕	56													8 5	
							⊕	56	56	9NMCH-1:ID5											9 5	
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							⊕	58	58	FS-01:COM											8 8	
							⊕	58	58	9NMCH-1:ID1											9 2	
						PT-01:BLU/BLUE	○	59	59	9NMCH-1:SV											9 1	
						TE-01:1	○	60	60	9NMCH-1:51											9 2	
						PT-01:MARRONE/BRDN	○	61	61	9NMCH-1:55											9 3	

