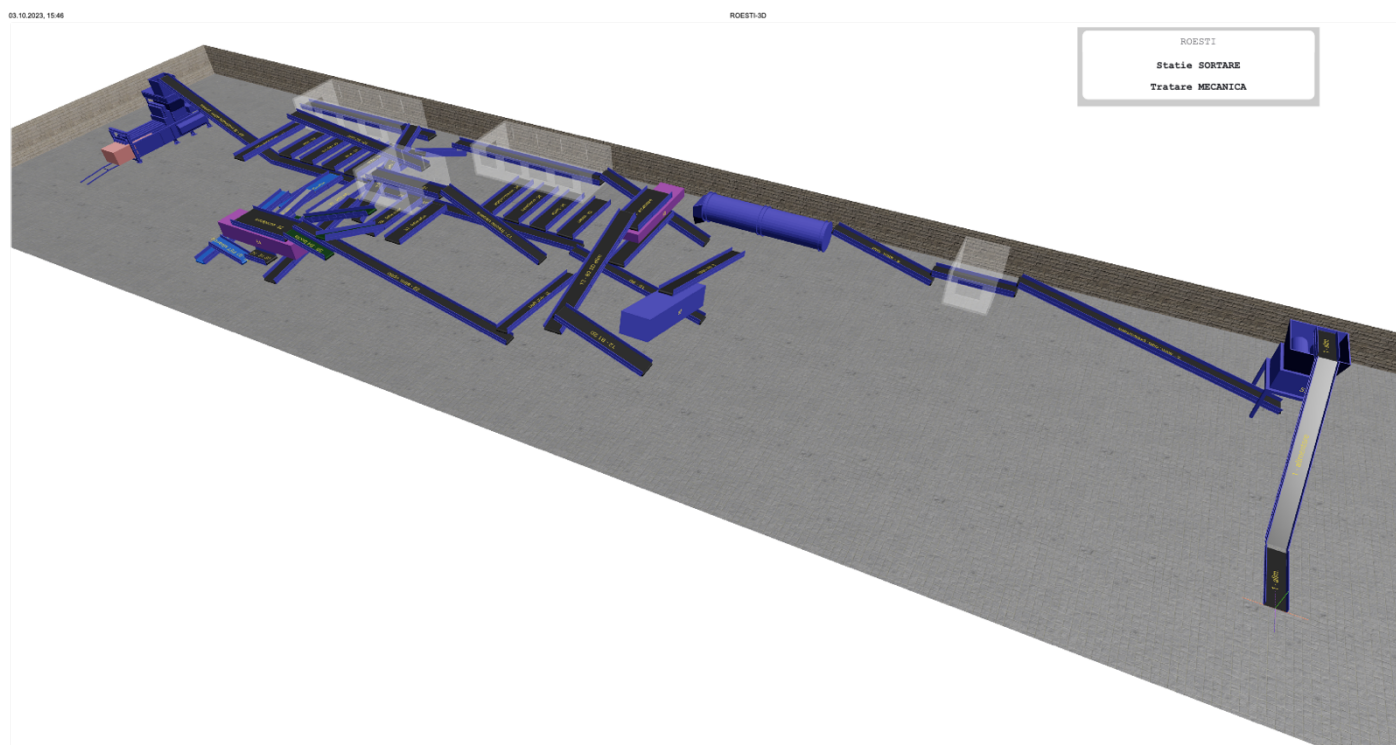


MANUAL ELECTRICITATE ȘI AUTOMATIZĂRI

STAȚIE DE SORTARE

ROEȘTI, JUDEȚUL VÂLCEA

1. Vedere de ansamblu a Stației de Sortare:



2. Tablourile electrice de comandă

Panourile electrice de automatizare sunt dotate pe partea frontala cu semnalizare stare prezenta tensiune de la rețea, cu un selector stare AUTOMAT-O-MANUAL, butoane de comandă START-STOP, semnalizări stare funcționare motoare.

În regim MANUAL, semnalizări cu lampă roșie stare avarie pe fiecare echipament, butoane START-STOP comandă pornit-oprit a echipamentelor în cazul situației de service. În acest sens, operatorul va avea în timp real informațiile necesare și va fi avertizat prin semnale acustice și luminoase în caz de apariție a oricărui defect.

Pentru funcționarea stației de sortare, aceasta a fost prevăzută cu:

- Instalație de forță 0,4 kW.
- Instalație de automatizare măsura și control.

Tablouri individuale echipamente cf lista



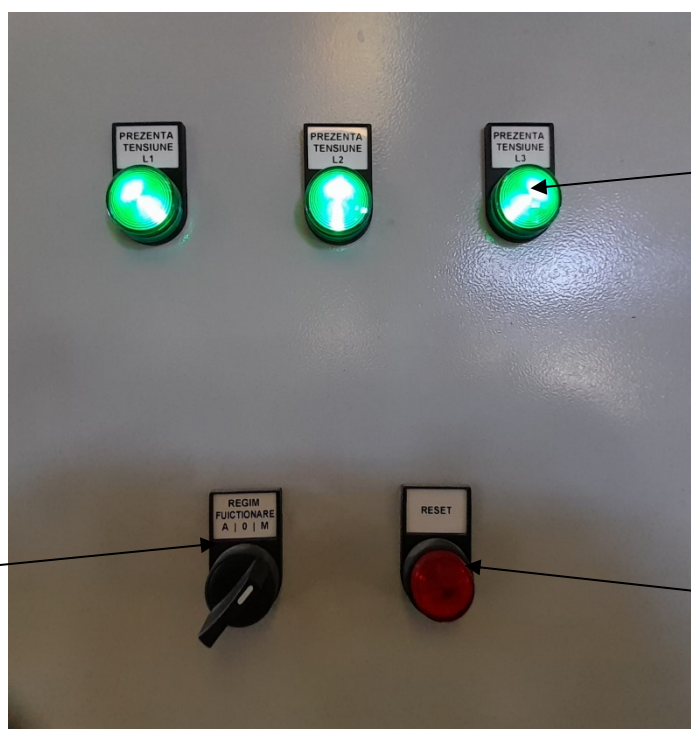


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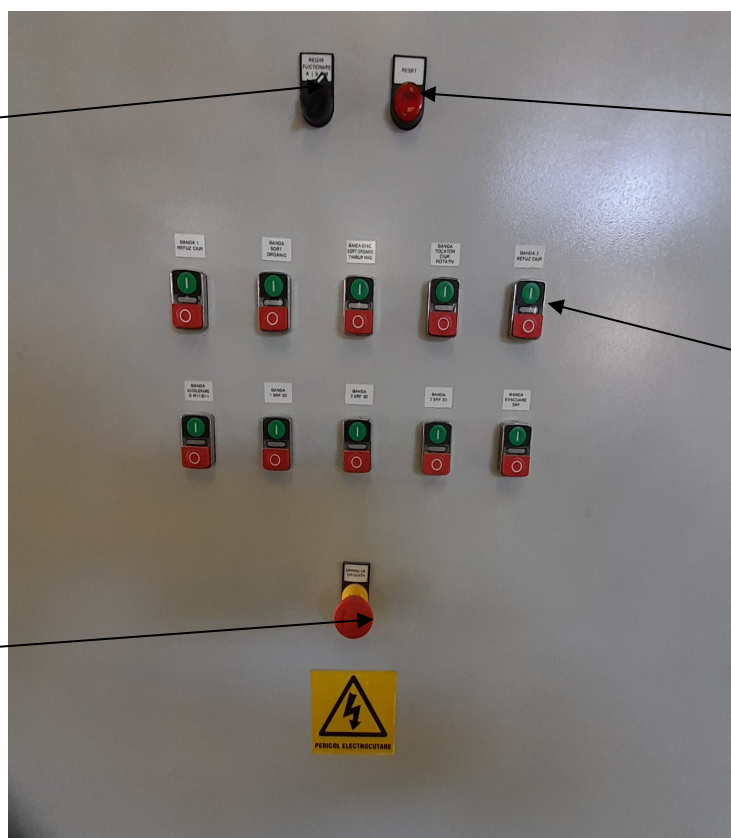
Panou frontal



Semnalizare prezenta
tensiune

Selector
functionare
Automat | Opreire |
Manual

Buton reset
safety relay



Buton reset
safety relay

Butoane
Start/Funcționare
motoare/Stop

Buton
OPRIRE DE
URGENTĂ

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Datele energetice sunt următoarele:

Putere electrica instalata $P_i = 410,14 \text{ kw}$

Puterea maxim consumată în regim normal de funcționare: $P_c = 328,12 \text{ Kw}$

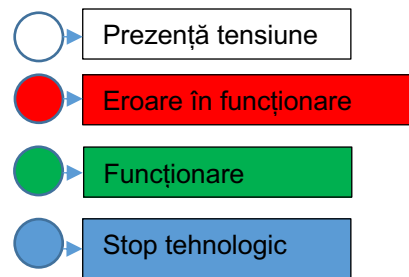
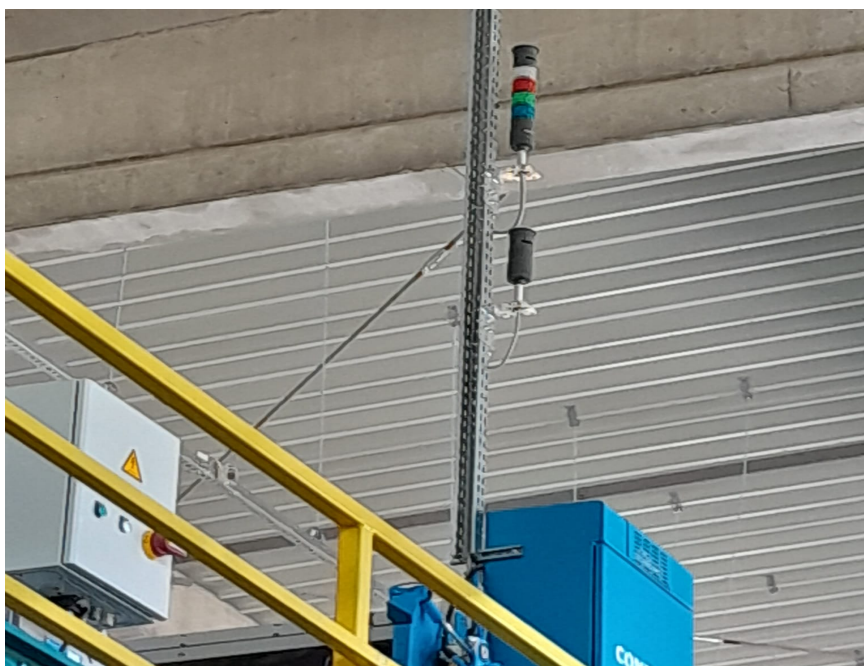
Tabloul, echipat cu circuite de forță și de comandă, conține aparatul electric de comutație, protecție, comandă, semnalizare pentru funcționarea consumatorilor în condiții de siguranță.

Toate circuitele de forță pentru motoare sunt prevăzute cu protecție la curent de scurtcircuit și cu protecție la curent de suprasarcină, realizate cu întrerupătoare automate pentru protecția motoarelor.

Circuitul de safety este compus din butoanele de urgență amplasate pe linie, șufa de urgență din cabina de sortare, toate conectate la un releu model XPSAC5121-Emergency stop.

Aționarea motoarelor de la benzile transportoare se face cu ajutorul convertizoarelor de frecvență, ceea ce conferă posibilitate de a reduce curentul la pornire, și de a modifica viteza benzilor conform necesităților din site.

Semnificație culori turn



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3. Tabloul electric de comanda-operare



Pentru operarea liniei se verifică vizual dacă semnalizările de prezenta tensiune sunt aprinse, dacă nu, se comută întrerupătorul principal în poziția ON.

Toți consumatorii acționați prin intermediul convertizoarelor și contactoarelor sunt prevăzuți pe fața tabloului electric cu:

- Semnalizare de funcționare
- Semnalizare de oprire prin protecție
- Comandă manuală PORNIT – OPRIT

Comenzile pe automat se vor face prin intermediul automatului programabil și bineînțeles cu acționarea selectorului S1 destinat alegerii regimului de lucru: A-O-M.



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Stop tehnologic:

-Albastru lumina

-Înlocuire container

Poz 0-Activare stop tehnologic

-După înlocuire container se pune selectorul pe poziția Poz 1.;

-Se repornește linia din camera de comandă SCADA.

4. DATE TEHNICE ECHIPAMENTE

Lista Tablouri Electrice SS

Nr. Crt.	Nume	Pi(KW)
1	Tablou electric 1	29,085
2	Tablou electric 2	70,5
3	Tablou electric 3	90,44
4	Tablou electric 4	28,2
5	Tablou electric 5	18,25
6	Tablou electric 6	73
7	Tablou electric PRESA	45
8	Tablou electric separator balistic	11
9	Tablou electric separator optic 2000	4,2
10	Tablou electric separator optic 2000	3,5
11	Tablou electric compresor AERZEN	37
	Putere instalata	410,144

		TE_1	TE_2	TE_3	TE_4	TE_5	TE_6	Total (m)
Materiale								
H07RN_F	4G1,5	16	0	0	0	20	1054	1090
2YSL(ST)CYK_J	4G2,5	64	230	256	0	0	0	550
2YSL(ST)CYK_J	4G6	16		0	0	0	0	16
2YSL(ST)CYK_J	4G4	0	60	0	0	0	561	621
H07RN_F	4G16	0	0	160	0	0	0	160
H07RN_F	4G4	0	35	50	30	20	0	135
H07RN_F	4G6	0	39	0	0	0	0	39
H07RN_F	4G2,5	0	60	1020	77	56	0	1213
		0	0	0	0	0	0	0
Pat cablu 200*60		12	8	15	0	0	66	101
Pat cablu 50*60		6	39	120	0	36	30	231
Pat cablu 100*60		0	54	120	36	0	0	210
Consola 120		0	60	120	25	25	20	250
Pat cablu 300*100		0	0	24	0	0	0	24
Consola 300		0	0	16	0	0	0	16
Consola 210		0	0	0	0	0	45	45

Tablou electric 1

Nr. Crt.	Nume	Pi(KW)	Motor: (Pn;Un;In;Cosfi)	Mod de comanda	Typ CV	Motor	Cablu	Cablu	Lungime cablu(m)	Lungime cablu(m)	Lungime cablu(m)
1	B-01 Banda orizontala canal alimentare_M5	5,5	Pn=5,5 KW; Un=400 V; In=10,6 A; Cosfi=	C.F.	FC 280	M5	2YSL(ST)CYK-J	4G2,5	16	0	0
	M5-VENTILARE FORTATA	0,085	Pn=85 W; Un= 346-525 V; In= 0,35 A ;1490 rpm	Direct			H07RN_F	4G1,5	0	16	0
57	Desfăcător de saci_M1motor ax1_fix	22	Pn=22 KW; Un=400 V; In=43 A; Cosfi=	C.F.	FC 280	M1	2YSL(ST)CYK-J	4G6	0	0	16
	Desfăcător de saci M2 motor AX_01	1,5	Pn=1,5 KW; Un=400 V; In=3,61 A; Cosfi=	C.F.	FC 280	M2	2YSL(ST)CYK-J	4G2,5	16	0	0
	Desfăcător de saci M3 motor AX_02	1,5	Pn=1,5 KW; Un=400 V; In=3,61 A; Cosfi=	C.F.	FC 280	M3	2YSL(ST)CYK-J	4G2,5	16	0	0
	Desfăcător de saci_M4_pompa hidraulica	1,5	Pn=1,5 KW; Un=400 V; In=3,61 A; Cosfi=	Direct		M4	H07RN7-F	4G2,5	16	0	0
	TOTAL KW	29,085							64	16	16

Materiale				
H07RN_F	4G1,5		16	
2YSL(ST)CYK_J	4G2,5	64		
2YSL(ST)CYK_J	4G6			16
Pat cablu 200*60				12
Pat cablu 50*60				6

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Tabloul electric 2

Nr. Crt.	Nume	Pi(KW)	Motor: (Pn;Un;In;Cosfi)	Mod de comanda	Typ CV	Motor	Cablu	Cablu	Lungime cablu(m)	Lungime cablu(m)	Lungime cablu(m)	Lungime cablu(m)	Lungime cablu(m)
2	B-02 Banda inclinata alimentare cabină presortare	5,5	Pn=5,5 KW; Un=400 V; In=10,6 A; Cosfi=	C.F.	FC 302	M1	2YSL(ST)CYK-J	4G2,5	28	0	0	0	0
3	B-03 Banda orizontala presortare (Cab_presortare)	3	Pn=3 KW; Un=400 V; In=6,6 A; Cosfi=	C.F.	FC 280	M2	2YSL(ST)CYK-J	4G2,5	23	0	0	0	0
4	B-04 Banda inclinata alimentare ciur	4	Pn=4 KW; Un=400 V; In=7,85 A; Cosfi=	C.F.	FC 280	M3	2YSL(ST)CYK-J	4G2,5	11	0	0	0	0
6	B-06 Banda inclinata alimentare balistic	4	Pn=4 KW; Un=400 V; In=7,85 A; Cosfi=	C.F.	FC 280	M4	2YSL(ST)CYK-J	4G2,5	28	0	0	0	0
7	B-07 Bandă refuz ciur	4	Pn=4 KW; Un=400 V; In=7,85 A; Cosfi=	C.F.	FC 280	M5	2YSL(ST)CYK-J	4G2,5	28	0	0	0	0
8	B-08 Banda sortare 1 (C3)	4	Pn=4 KW; Un=400 V; In=7,85 A; Cosfi=	C.F.	FC 280	M6	2YSL(ST)CYK-J	4G2,5	44	0	0	0	0
12	B-12 Banda 1 2D	3	Pn=3 KW; Un=400 V; In=6,6 A; Cosfi=	C.F.	FC 280	M7	2YSL(ST)CYK-J	4G2,5	37	0	0	0	0
13	B-13 Banda2 2D alim.	4	Pn=4 KW; Un=400 V; In=7,85 A; Cosfi=	C.F.	FC 280	M8	2YSL(ST)CYK-J	4G2,5	31	0	0	0	0
14	B-14 Banda accelerare S_2000	4	Pn=4 KW; Un=400 V; In=7,85 A; Cosfi=	Direct	-	M9	H07RN-F	4G2,5	0	0	0	0	30
15	B-15 Banda rest	3	Pn=3 KW; Un=400 V; In=6,6 A; Cosfi=	Direct	-	M10	H07RN-F	4G2,5	0	0	0	0	30
51	Ciur rotativ 3 fracții	15	Pn=2*7,5 KW; Un=400 V; In=10,6 A; Cosfi=	C.F.	FC 280	M11/M12	2YSL(ST)CYK-J	4G4	0	60	0	0	0
46	Cabina presortare	5		Direct	-	-	H07RN-F	4G4	0	0	35	0	0
48	Cabina sortare C2 (8 posturi)	12		Direct	-	-	H07RN-F	4G6	0	0	0	38	0
TOTAL KW		70,5							230	60	35	38	60

MATERIALE	Cablu	L(m)	L(m)	L(m)	L(m)	L(m)
2YSL(ST)CYK-J	4G2,5	230				
2YSL(ST)CYK-J	4G4		60			
H07RN-F	4G4			35		
H07RN-F	4G6				39	
H07RN-F	4G2,5					60
Pat cablu 200*60		8				
Pat cablu 100*60		54				
Pat cablu 60*50		39				
Consola 120		60				

Tabloul Electric 3

Nr. Crt.	Nume	Pi(KW)	Motor: (Pn;Un;In;Cosfi)	Mod de comanda	Typ CV	Motor	Cablu	Cablu	Lungime cablu(m)	Lungime cablu(m)	Lungime cablu(m)	Lungime cablu(m)
57	Separator aeraulic, SUPPLY FAN 1	0,37	Pn=0,37 KW; Un=400 V; In= 0.9 A; Cosfi=	Direct		M21.1	H07RN_F	4G2,5	50	0	0	0
	Separator aeraulic, SUPPLY FAN 2	0,37	Pn=0,37 KW; Un=400 V; In= 0.9 A; Cosfi=	Direct		M23.2	H07RN_F	4G2,5	50	0	0	0
	Separator aeraulic, Condenser rotary motor	2,2	Pn=2,2 KW; Un=400 V; In= 4,7 A; Cosfi=	Direct		M27.3	H07RN_F	4G2,5	50	0	0	0
	Separator aeraulic, Compresor limpezia filtro	5,5	Pn=5,5 KW; Un=400 V; In= 11 A; Cosfi=	Direct		M36.1	H07RN_F	4G4	0	50	0	0
	Separator aeraulic, Condenser rotary motor	11	Pn=11 KW; Un=400 V; In= 20 A; Cosfi=	SoftStarter		M35.1	H07RN_F	4G16	0	0	50	0
16	B-16 Banda 3D	3	Pn=3 KW; Un=400 V; In= 6,6 A; Cosfi=	C.F.	FC 302	M1	2YSL(ST)CYK-J	4G2,5	0	0	0	30
17	B-17 Banda fracție ușoară	3	Pn=3 KW; Un=400 V; In= 6,6 A; Cosfi=	C.F.	FC 280	M2	2YSL(ST)CYK-J	4G2,5	0	0	0	40
18	B-18 Banda 2 sortare (C1)	3	Pn=3 KW; Un=400 V; In= 6,6 A; Cosfi=	C.F.	FC 280	M3	2YSL(ST)CYK-J	4G2,5	0	0	0	48
19	B-19 Banda inclinata alim. (C2)	3	Pn=3 KW; Un=400 V; In= 6,6 A; Cosfi=	C.F.	FC 280	M4	2YSL(ST)CYK-J	4G2,5	0	0	0	60
20	B-20 Banda 3 sortare (C2)	4	Pn=4 KW; Un=400 V; In= 7,85 A; Cosfi=	C.F.	FC 280	M5	2YSL(ST)CYK-J	4G2,5	0	0	0	78
21	B-21 Banda sort greu	3	Pn=3 KW; Un=400 V; In= 6,6 A; Cosfi=	Direct		M6	H07RN_F	4G2,5	40	0	0	0
22	B-22 Banda incl. alim sep. optic	4	Pn=4 KW; Un=400 V; In= 7,85 A; Cosfi=	C.F.	FC 280	M7	2YSL(ST)CYK-J	4G2,5	60	0	0	0
23	B-23 Banda accelerare S_2000	4	Pn=4 KW; Un=400 V; In= 7,85 A; Cosfi=	Direct		M8	H07RN_F	4G2,5	70	0	0	0
24	B-24 Banda PET alb	3	Pn=3 KW; Un=400 V; In= 6,6 A; Cosfi=	Direct		M9	H07RN_F	4G2,5	70	0	0	0
25	B-25 Banda1 PET albastru	2,2	Pn=2,2 KW; Un=400 V; In= 5,1 A; Cosfi=	Direct		M10	H07RN_F	4G2,5	70	0	0	0
26	B-26 Banda 2 PET albastru	3	Pn=3 KW; Un=400 V; In= 6,6 A; Cosfi=	Direct		M11	H07RN_F	4G2,5	80	0	0	0
27	B-27 Banda 1 bucla	2,2	Pn=2,2 KW; Un=400 V; In= 5,1 A; Cosfi=	Direct		M12	H07RN_F	4G2,5	80	0	0	0
28	B-28 Banda 2 bucla	3	Pn=3 KW; Un=400 V; In= 6,6 A; Cosfi=	Direct		M13	H07RN_F	4G2,5	80	0	0	0
29	B-29 Banda 3 bucla	2,2	Pn=2,2 KW; Un=400 V; In= 5,1 A; Cosfi=	Direct		M14	H07RN_F	4G2,5	80	0	0	0
30	B-30 Banda 4 bucla	2,2	Pn=2,2 KW; Un=400 V; In= 5,1 A; Cosfi=	Direct		M15	H07RN_F	4G2,5	80	0	0	0
31	B-31 Banda 1 rest 3D	2,2	Pn=2,2 KW; Un=400 V; In= 5,1 A; Cosfi=	Direct		M16	H07RN_F	4G2,5	80	0	0	0
32	B-32 Banda 2 rest 3D	3	Pn=3 KW; Un=400 V; In= 6,6 A; Cosfi=	Direct		M17	H07RN_F	4G2,5	80	0	0	0
	Cabina sortare C3_8 POSTURI	12	Pn=12 KW ;Un=400 V	Direct			H07RN_F	4G16	0	0	70	0
	Cabina sortare C1_4 POSTURI	9	Pn=9 KW ;Un=400 V	Direct			H07RN_F	4G16	0	0	40	0
TOTAL KW		90,44							1020	50	160	256

Materiale estimate	Cablu	L(m)	L(m)	L(m)	L(m)
H07RN_F	4G2,5	1020			
H07RN_F	4G4		50		
H07RN_F	4G16			160	
2YSL(ST)CYK-J	4G2,5				256
Pat cablu 300*10		24			
Pat cablu 200*60		15			
Pat cablu 100*60		120			
Pat cablu 60*50		120			
Consola 120		120			
Consola 300		16			

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Tablou Electric 4

Nr. Crt.	Nume	Pi(KW)	Motor: (Pn;Un;In;Cosfi)	Mod de comanda	Typ CV	Motor	Cablu	Cablu	Lungime cablu(m)	Lungime cablu(m)
62	TE Separator EDY	8,5					H07RN_F	4G4	15	0
9	B-09 Banda 1 rest	3	Pn=3 KW; Un=400 V; In= 6,6 A; Cosfi=	Direct		M1	H07RN_F	4G2,5	0	32
10	B-10 Banda 2 rest	4	Pn=4 KW; Un=400 V; In= 7,85 A; Cosfi=	Direct		M2	H07RN_F	4G2,5	0	15
11	B-11 Banda evacuare rest	3	Pn=3 KW; Un=400 V; In= 6,6 A; Cosfi=	Direct		M3	H07RN_F	4G2,5	0	15
61	Separator magnetic sort mediu	2,2	Pn=2,2 KW; Un=400 V; In= 4,27 A; Cosfi=	Direct		M4	H07RN_F	4G2,5	0	15
52	Cap presare_M_pompa hidraulica	7,5	Pn=7,5 KW; Un=400 V; In=14,6 A; Cosfi=	SoftStart	ATS01N222QN	M5	H07RN_F	4G4	15	0
	TOTAL KW	28,2							30	77

Materiale	Cablu	L (m)	L (m)
H07RN_F	4G4	30	
H07RN_F	4G2,5		77
Pat cablu 100*60	36		
Console 120	25		

Tablou Electric 5

Nr. Crt.	Nume	Pi(KW)	Motor: (Pn;Un;In;Cosfi)	Mod de comanda	Typ CV	Motor	Cablu	Cablu	Lungime cablu(m)	Lungime cablu(m)	Lungime cablu(m)
48,1	Perforator PET_Motor mutare carucior	0,75	Pn=3 KW; Un=400 V; In= 6,6 A; Cosfi=	Direct		M1	H07RN_F	4G1,5	0	0	20
	Perforator PET_Motor_1 Perforator	3	Pn=3 KW; Un=400 V; In= 6,6 A; Cosfi=	Soft Starter	DS7-3425X012N0-N	M2	H07RN_F	4G2,5	0	20	0
	Perforator PET_Motor_2 Perforator	3	Pn=3 KW; Un=400 V; In= 6,6 A; Cosfi=	Soft Starter	DS7-3425X012N0-N	M3	H07RN_F	4G2,5	0	20	0
46	B-46 Banda Canal Alimentare Presa	7,5	Pn=7,5 KW; Un=400 V; In=15,9 A; Cosfi=	C.F.	FC 280	M4	2YSL(ST)CYK-J	4G4	20	0	0
47	B-47 Banda Inclinata Alimentare Presa	4	Pn=4 KW; Un=400 V; In= 7,85 A; Cosfi=	C.F.	FC 280	M5	2YSL(ST)CYK-J	4G2,5	0	16	0
	TOTAL KW	18,25							20	56	20

Materiale	Cablu	L (m)	L (m)	L (m)
H07RN_F	4G1,5			20
H07RN_F	4G2,5		56	
H07RN_F	4G4	20		
Pat cablu 60*50		36		
Comsola 100		25		

Tablou Electric 6 (Benzi Buncar)

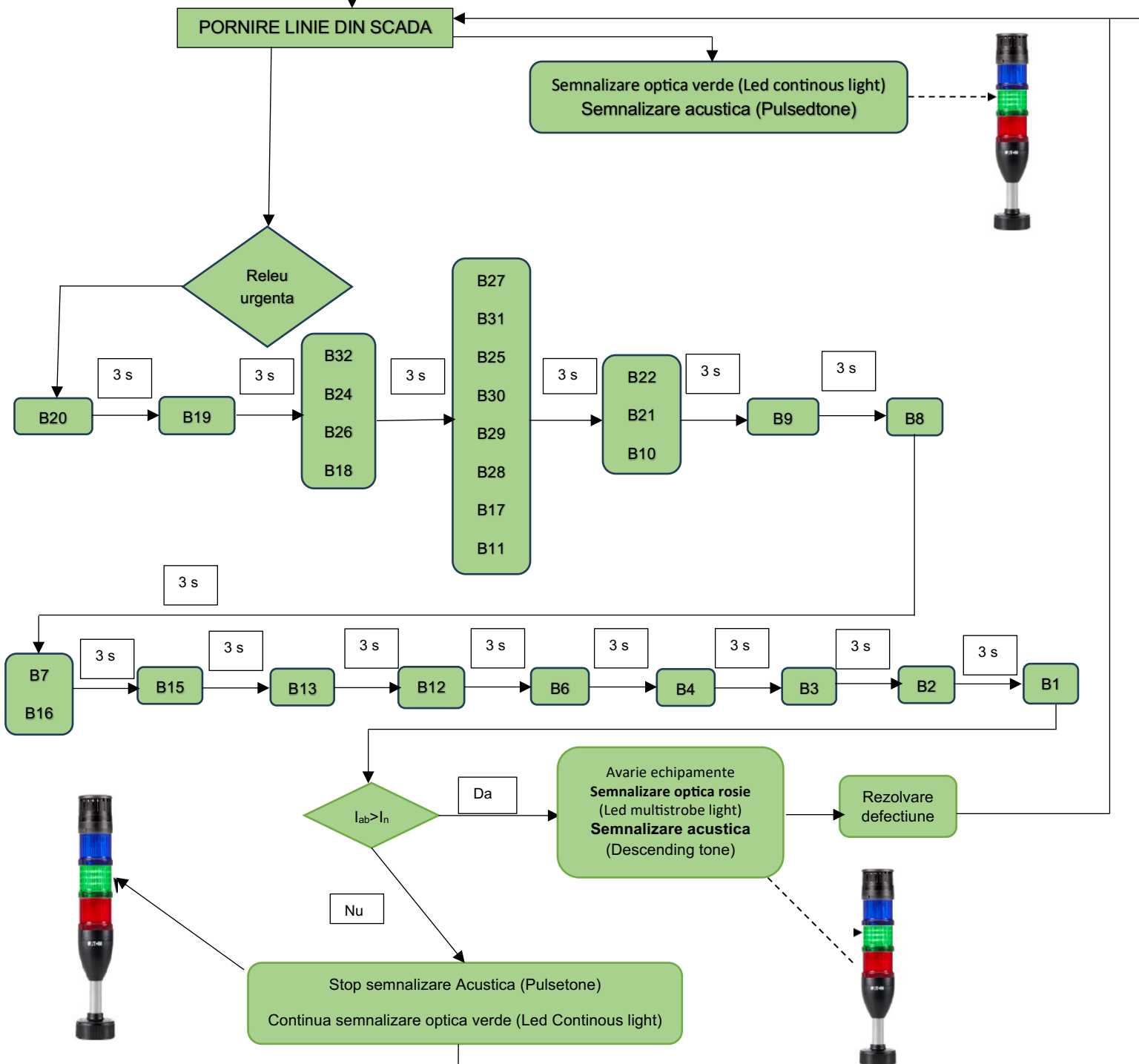
Nr. Crt.	Nume	Pi(KW)	Motor: (Pn;Un;In;Cosfi)	Mod de comanda	Typ CV	Motor	Cablu	Cablu	Lungime cablu(m)	Lungime cablu(m)	Lungime cablu(m)
33	B-33 Banda buncăr carton - Alveola	5,5	Pn=5,5 KW; Un=400 V; In= 11 A; Cosfi=	C.F.	FC 302	M1	2YSL(ST)CYK-J	4G4	54	54	47
34	B-34 Banda buncăr hârtie - Alveola	5,5	Pn=5,5 KW; Un=400 V; In= 11 A; Cosfi=	C.F.	FC 280	M2	2YSL(ST)CYK-J	4G4	51	51	44
35	B-35 Banda buncăr compozite- Alveola	5,5	Pn=5,5 KW; Un=400 V; In= 11 A; Cosfi=	C.F.	FC 280	M3	2YSL(ST)CYK-J	4G4	48	48	41
36	B-36 Banda buncăr carton ondulat- Alveola	5,5	Pn=5,5 KW; Un=400 V; In= 11 A; Cosfi=	C.F.	FC 280	M4	2YSL(ST)CYK-J	4G4	45	48	38
37	B-37 Banda buncăr folie alba - Alveola	5,5	Pn=5,5 KW; Un=400 V; In= 11 A; Cosfi=	C.F.	FC 280	M5	2YSL(ST)CYK-J	4G4	50	50	48
38	B-38 Banda buncăr folie color - Alveola	5,5	Pn=5,5 KW; Un=400 V; In= 11 A; Cosfi=	C.F.	FC 280	M6	2YSL(ST)CYK-J	4G4	53	53	51
39	B-39 Banda buncăr PET alb - Alveola	5,5	Pn=5,5 KW; Un=400 V; In= 11 A; Cosfi=	C.F.	FC 280	M7	2YSL(ST)CYK-J	4G4	56	56	54
40	B-40 Banda buncăr PET albastru - Alveola	5,5	Pn=5,5 KW; Un=400 V; In= 11 A; Cosfi=	C.F.	FC 280	M8	2YSL(ST)CYK-J	4G4	59	59	57
41	B-41 Banda buncăr PET color - Alveola	5,5	Pn=5,5 KW; Un=400 V; In= 11 A; Cosfi=	C.F.	FC 280	M9	2YSL(ST)CYK-J	4G4	35	35	28
42	B-42 Banda buncăr PEID - Alveola	5,5	Pn=5,5 KW; Un=400 V; In= 11 A; Cosfi=	C.F.	FC 280	M10	2YSL(ST)CYK-J	4G4	32	32	25
43	B-45.1 Banda Buncar PVC	5,5	Pn=5,5 KW; Un=400 V; In= 11 A; Cosfi=	C.F.	FC 280	M11	2YSL(ST)CYK-J	4G4	29	29	22
44	B-45.2 Banda Buncar PP-PS	5,5	Pn=5,5 KW; Un=400 V; In= 11 A; Cosfi=	C.F.	FC 280	M12	2YSL(ST)CYK-J	4G4	26	26	19
45	B-45.3 Banda Buncar SRF	5,5	Pn=5,5 KW; Un=400 V; In= 11 A; Cosfi=	C.F.	FC 280	M13	2YSL(ST)CYK-J	4G4	23	23	16
	Motoare liniare actionare porti Pn=28 W* 13 buc	0,364	Pn= 28 W; Un=230 V; In= 0,2 A; Cosfi=	Directa			H07RN_F	4*1,5	0	0	490
	Motoare ventilare fortata Pn= 85 W*13 buc	1,105	Pn= 85 W; Un=400 V; In= 0,35 A; Cosfi=	Directa			H07RN_F	4*1,5	0	564	0
	TOTAL KW	72,969							561	564	490

Materiale	Cablu	L (m)	L (m)
2YSL(ST)CYK-J	4G4	561	
H07RN_F	4G1,5		1054
Pat cablu 200*60		66	
Pat cablu 50*60		30	
Consola 210		45	
Consola 120		20	

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**ALIMENTARE
ELECTRICA TABLOURI
SELECTOR PE
AUTOMAT**

1. Logigrama





Cabina Presortare

Apasare buton
oprire cu revenire

Oprire B1/B2/B3/B4

Oprire Desfacator Saci

Rezolvare problema

Eliberare Buton oprire

Pornire
echipamente oprite

Cabina C1/C2/C3

Apasare buton
oprire cu revenire

Oprire Echipamente

Rezolvare problema

Eliberare Buton oprire

Pornire
echipamente oprite

Apasare buton urgenta

Oprire Instalatie

Inspectie vizuala
Rezolvare problema

Reluare secventa
pornire instalatie

Container Refuz Ciur plin

Operatorul apasa
butonul oprire

Echipamentele mai
functioneaza 5 min
dupa care se opresc

Inlocuire container

Operatorul apasa butonul
pornire.
Reset semnalizare albastra

Container 24mc plin

Operatorul apasa
butonul oprire

Echipamentele se opresc

Inlocuire container

Operatorul apasa butonul
pornire.
Reset semnalizare albastra

Alveola depozitare plina

De la pupitrul de comanda, operatorul porneste

Presa de balotat, B44, B43.

Deschide poarta Alveolei si banda transportoare aferenta

Alveola depozitare goala

De la pupitrul de comanda, operatorul inchide poarta Alveolei
si opreste banda transportoare aferenta.

Opreste B43, B44, Presa de Balotat in momentul golirii
materialului de pe ele.

Oprire Instalatie

Oprire linie din SCADA

Oprire alimentare panouri electrice

Descriere mod pornire

I. Pornire instalație

*Monitorizarea funcționării de sortare se face prin softul SCADA care se referă la un centru de comandă care monitorizează și controlează întregul spațiu de producție.

- permite monitorizarea de la distanță a funcționării instalației;
- urmărește avariile și evenimentele petrecute;
- stabilește parametrii de lucru pentru a produce productivitatea dorită;
- punere sub tensiune tablourile de comandă;



- se fac reglaje la aceste parametrii;
- se pune sub tensiune tabloul de comandă de benzi transportoare;
- la pornirea automată, turnul se semnalizează cu semnale acustice și luminoase;



- semnalizarea acustică va fi activă pe tot parcursul deschiderii;
- semnalul luminos va fi în permanență funcțional și va lumina culoarea verde cât timp funcționează instalația;
- pornirea întregii instalații se face conform schemei
- după pornirea tuturor, se poate face pornirea liniei care duce la presa de balotat;
- deșeurile urmează traseul stabilit prin fluxul tehnologic.

*Avaria

- semnalizare optică roșie în hală;
- semnalizare avarie în SCADA.
- poate fi avarie la un anumit echipament, blocaj, sau un operator poate sesiza un pericol și poate apăsa butonul de urgență;
- stația se oprește automat, se intervine pentru eliminarea avariei/ pericolului, se resetează și se repornește instalația în același mod descris mai sus.



*Înlocuirea containerelor pline

- sunt semnalizate cu lumina albastră;
 - pe stâlpii unde sunt montate containerele sunt amplasate selectoare cu Poz 0 și Poz 1;
 - în acest caz se opresc grupele de utilaje care sunt implicate în flux;
 - după ce se înlocuiește containerul plin cu unul gol, selectorul se comută în Poz 1 și se repornește instalația.
- *Oprirea instalației se face în sens invers pornirii, respectând același interval de timp.



Cabinele de Sortare

- În fiecare cabina avem cate **2 butoane de urgenta**, avand functia de oprire linie generala, in caz de urgenta
- Butoane de **STOP & GO** pentru intarziere banda sortare – ofera posibilitatea de oprire si, imediat dupa un interval de timp prestabilit in SCADA, repornire, fara o alta interventie

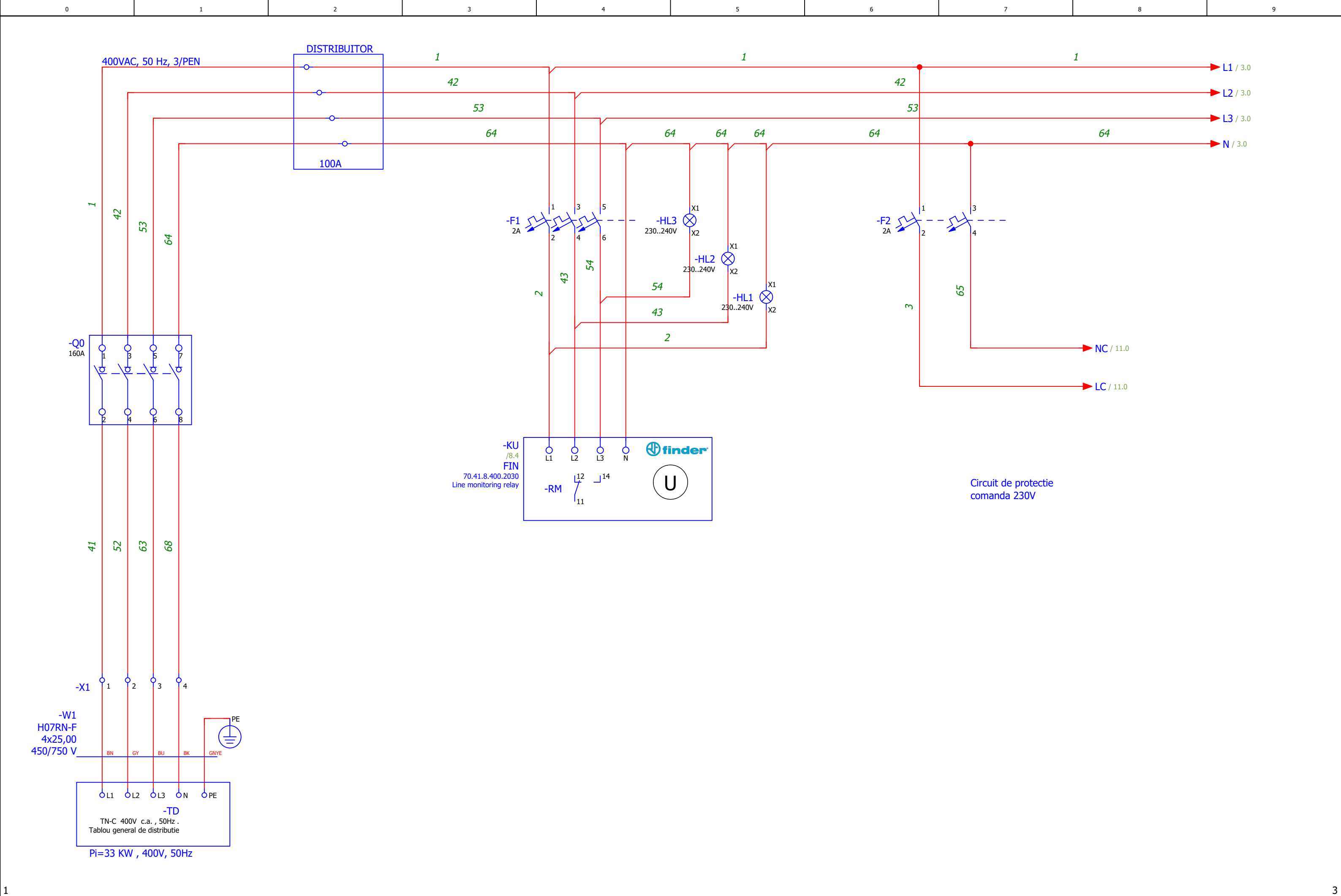


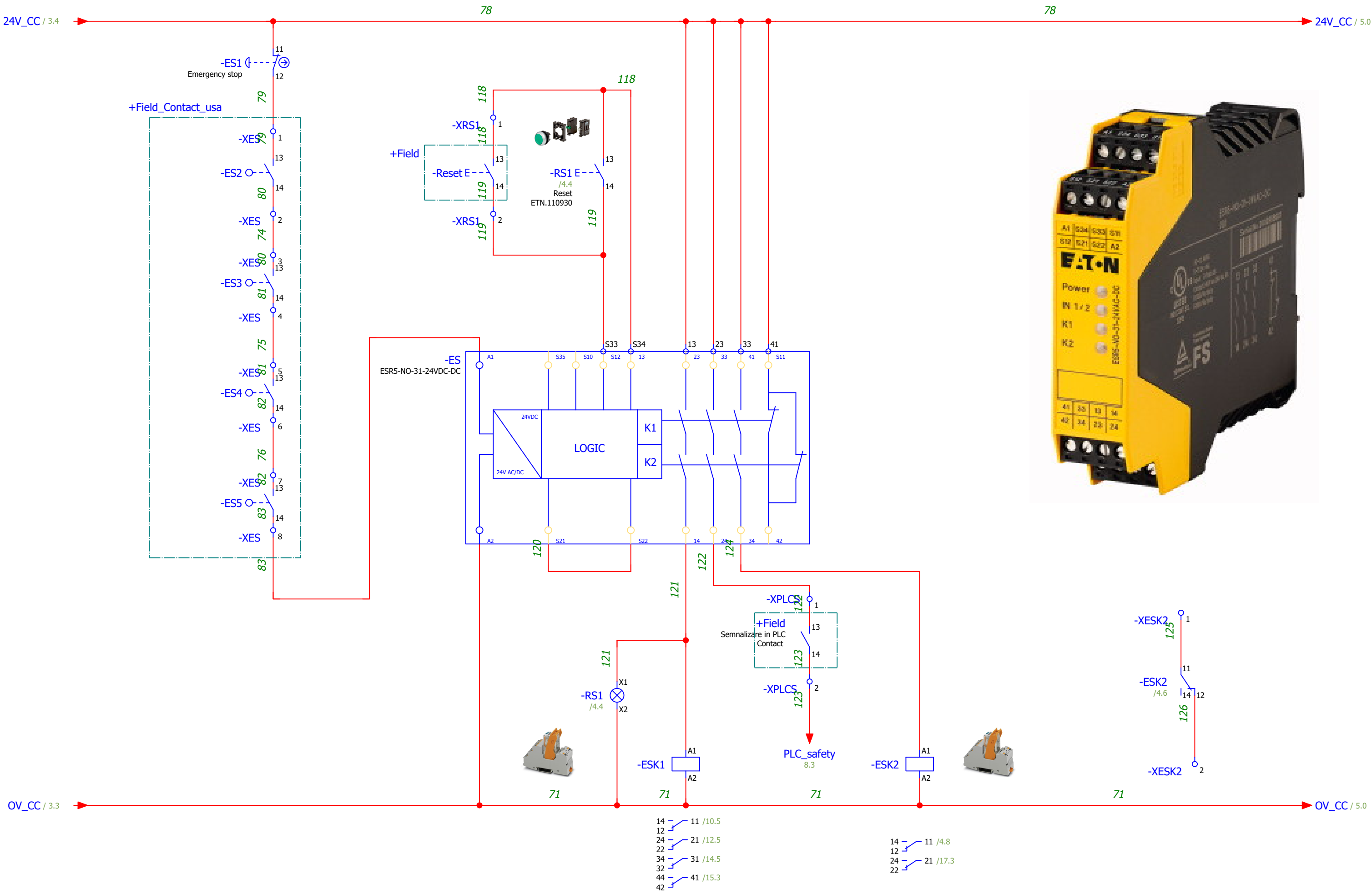
SC TEHNIMARKET SRL

Str. Arcadie Septilici Nr. 1C
60234 BACAU
Phone +49 (0)2173 - 39 64 - 0

Company / customer	Statie Sortare _ROIESTI
Project description	TE_1_Desfacator de saci
Job number	Nr. 304 / 02.03.2023
Commission	EPLAN
Manufacturer (company)	SC TEHNIMARKET SRL
Path	EPLAN sample project
Project name	Desfacator de saci
Make	
Type	
Place of installation	
Responsible for project	Murgulet Ioan
Part feature	
Created on	27/02/2023
Edit date	15/03/2023
	by (short name) Nelu
	Number of pages 23

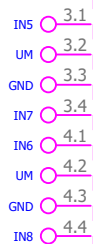
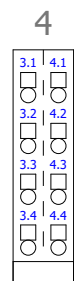
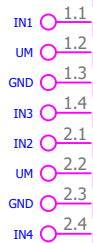
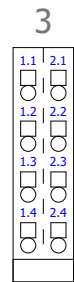
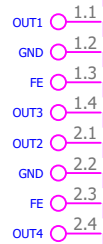
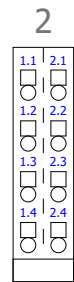
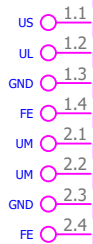
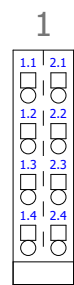
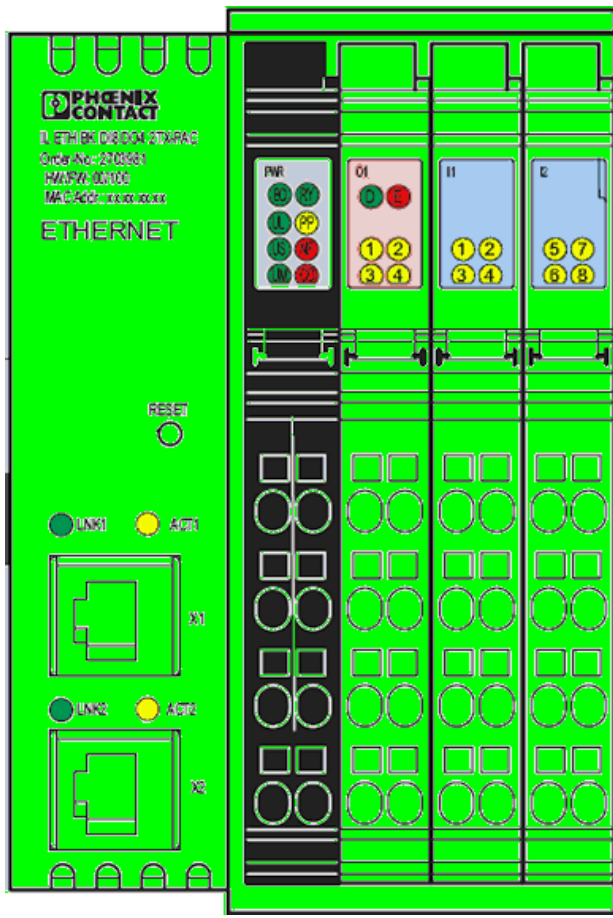
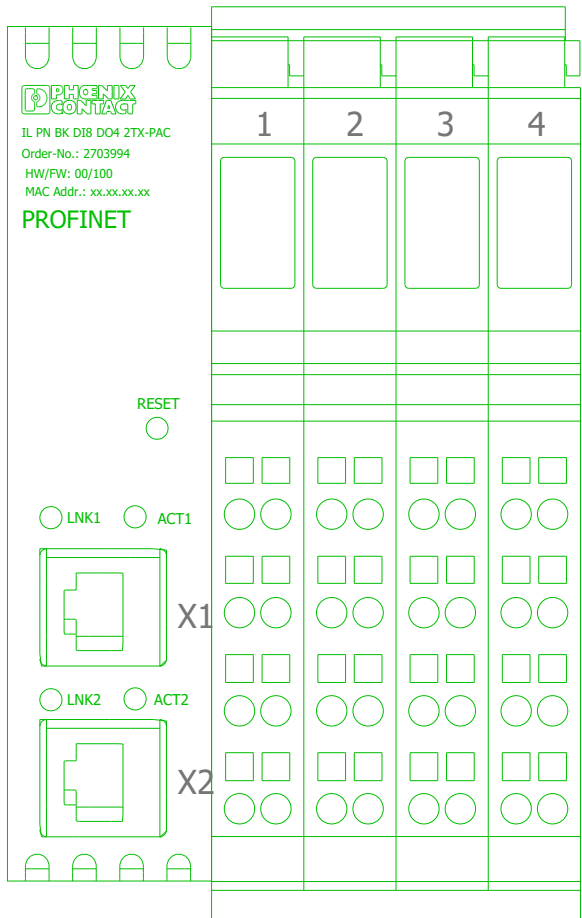
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			Appr		TE_1_Desfacator de saci				
Modification	Date	Name	Original		Replacement of	Replaced by		Nr. 304 / 02.03.2023	Page 1 / 23







-A0

[illegible]

Q1.4			
Q1.5			
Q1.6			
Q1.7	C_da_M5	RQ1	/8.8

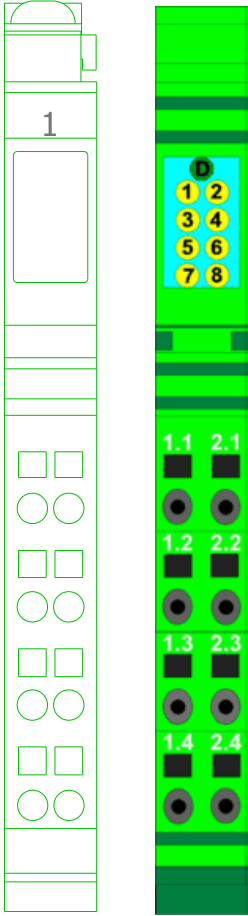
I2.0			
I2.1			
I2.2			
I2.3			

I2.4			
I2.5			
I2.6	Fault	Fault	/8.5
I2.7	AUT	Regim AUT	/7.3

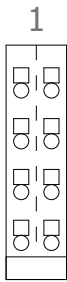
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-A1



IB IL 24 DI8/HD-PAC

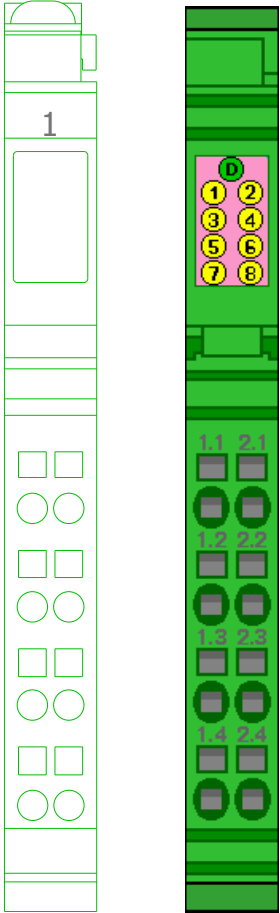


- IN1 1.1
- IN3 1.2
- IN5 1.3
- IN7 1.4
- IN2 2.1
- IN4 2.2
- IN6 2.3
- IN8 2.4

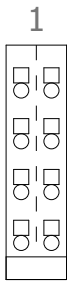
I1.0	Ready	MCB Ready	/7.4
I1.1		START/STOP	/7.5
I1.2		No Fault	/7.6
I1.3	Motor2+3	MCB Ready	/7.7
I1.4	Motor 2+3	START/STOP	/8.1
I1.5	Motor 2+3	No Fault	/8.2
I1.6		Emergency Stop	/8.3
I1.7		Prezenta tensiune	/8.4



-A2



IB IL 24 DO 8/HD-ECO



- OUT01 1.1
- OUT03 1.2
- OUT05 1.3
- OUT07 1.4
- OUT02 2.1
- OUT04 2.2
- OUT06 2.3
- OUT08 2.4

Q0.4			/9.1
Q0.5			/9.2
Q0.6			/9.3
Q0.7			/9.4
Q1.0			/9.5
Q1.1			/9.6
Q1.2			/9.7
Q1.3			/9.9

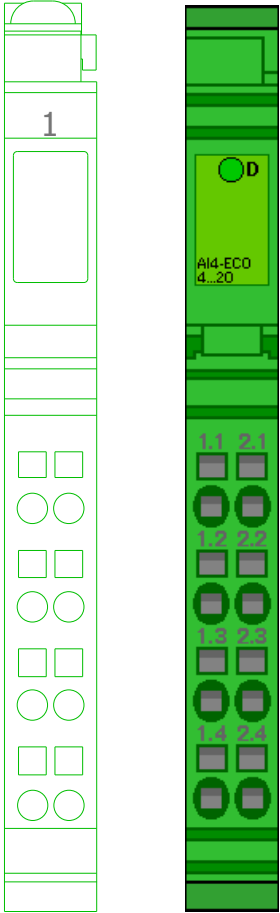
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			Appr						TE_1_Desfacator de saci			Nr. 304 / 02.03.2023
Modification	Date	Name	Original		Replacement of	Replaced by					Page 8 / 2	

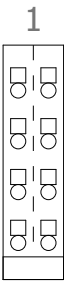
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-A3

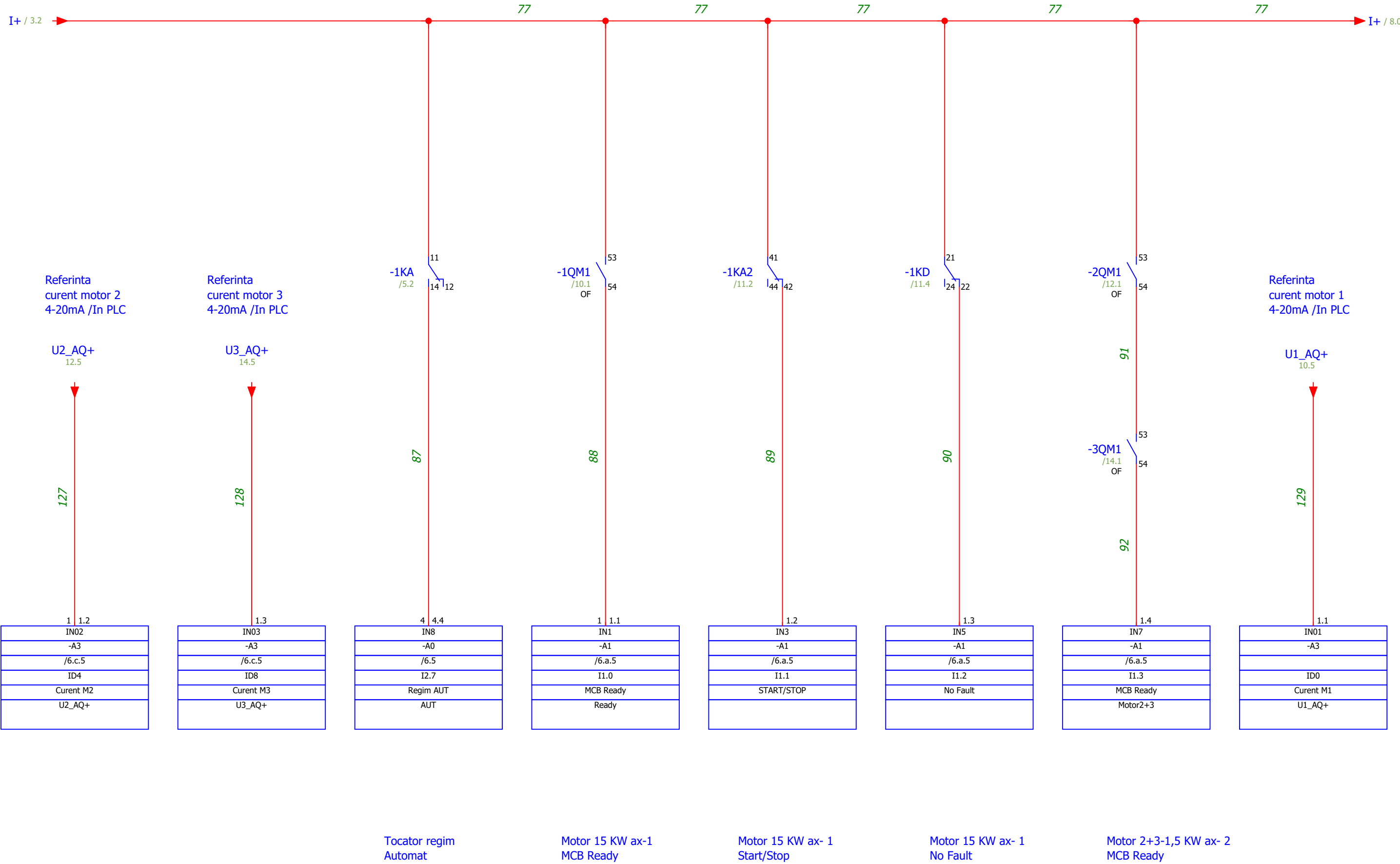


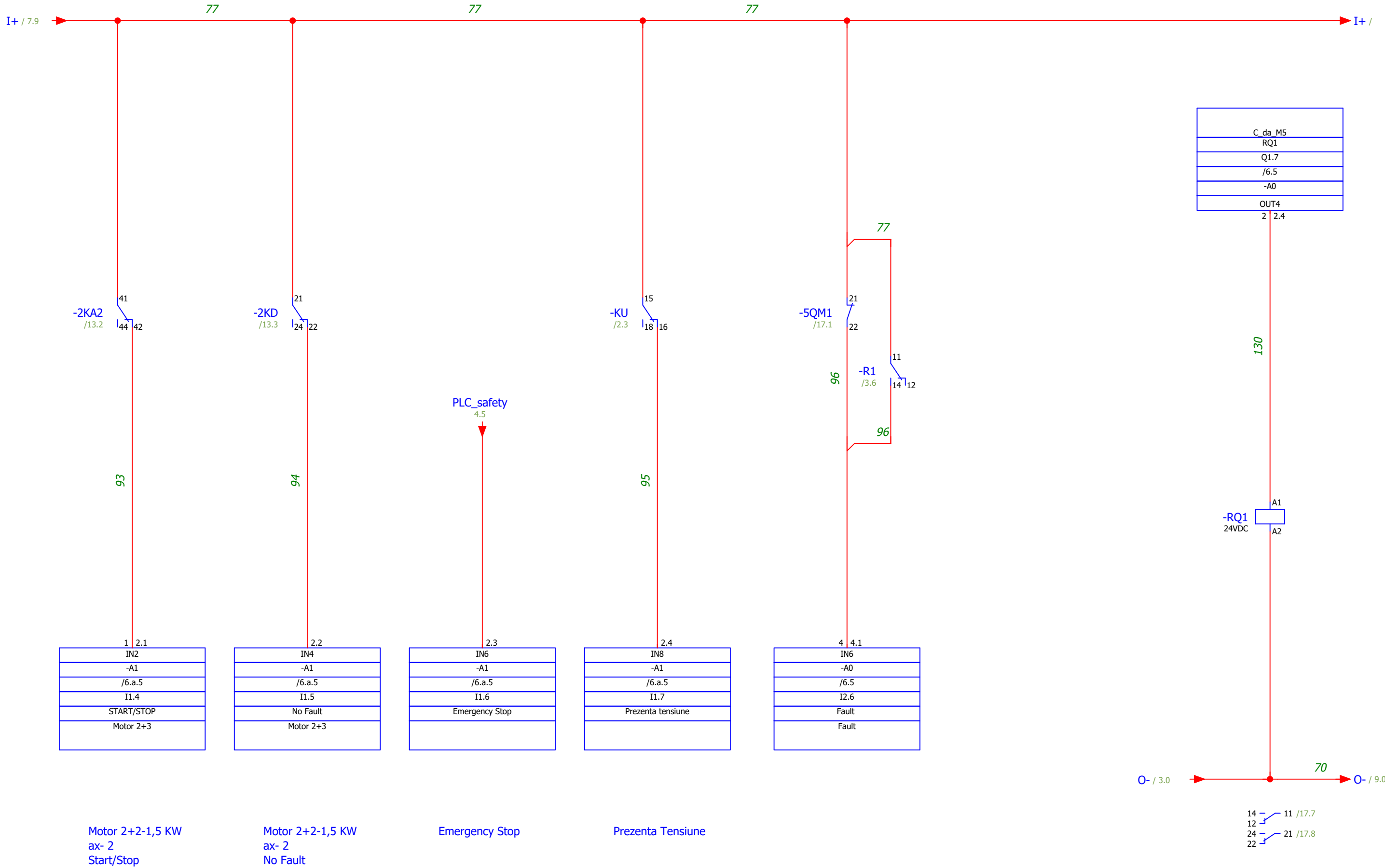
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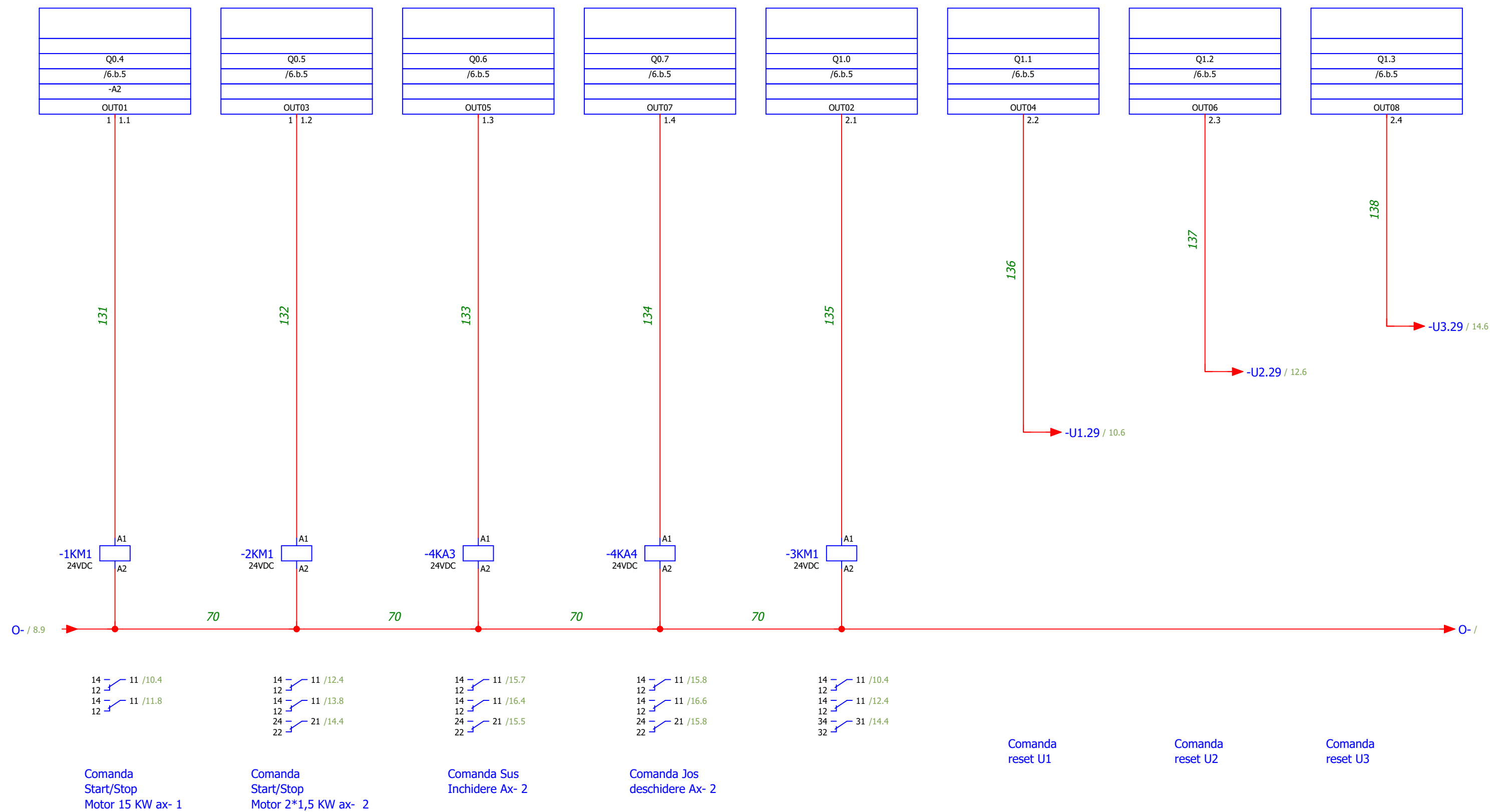


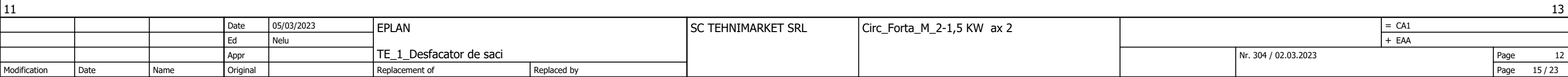
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- IN02 1.2
- IN03 1.3
- IN04 1.4
- GND01 2.1
- GND02 2.2
- GND03 2.3
- GND04 2.4

ID0			
ID4	U2_AQ+	Curent M2	/7.0
ID8	U3_AQ+	Curent M3	/7.2
ID12			



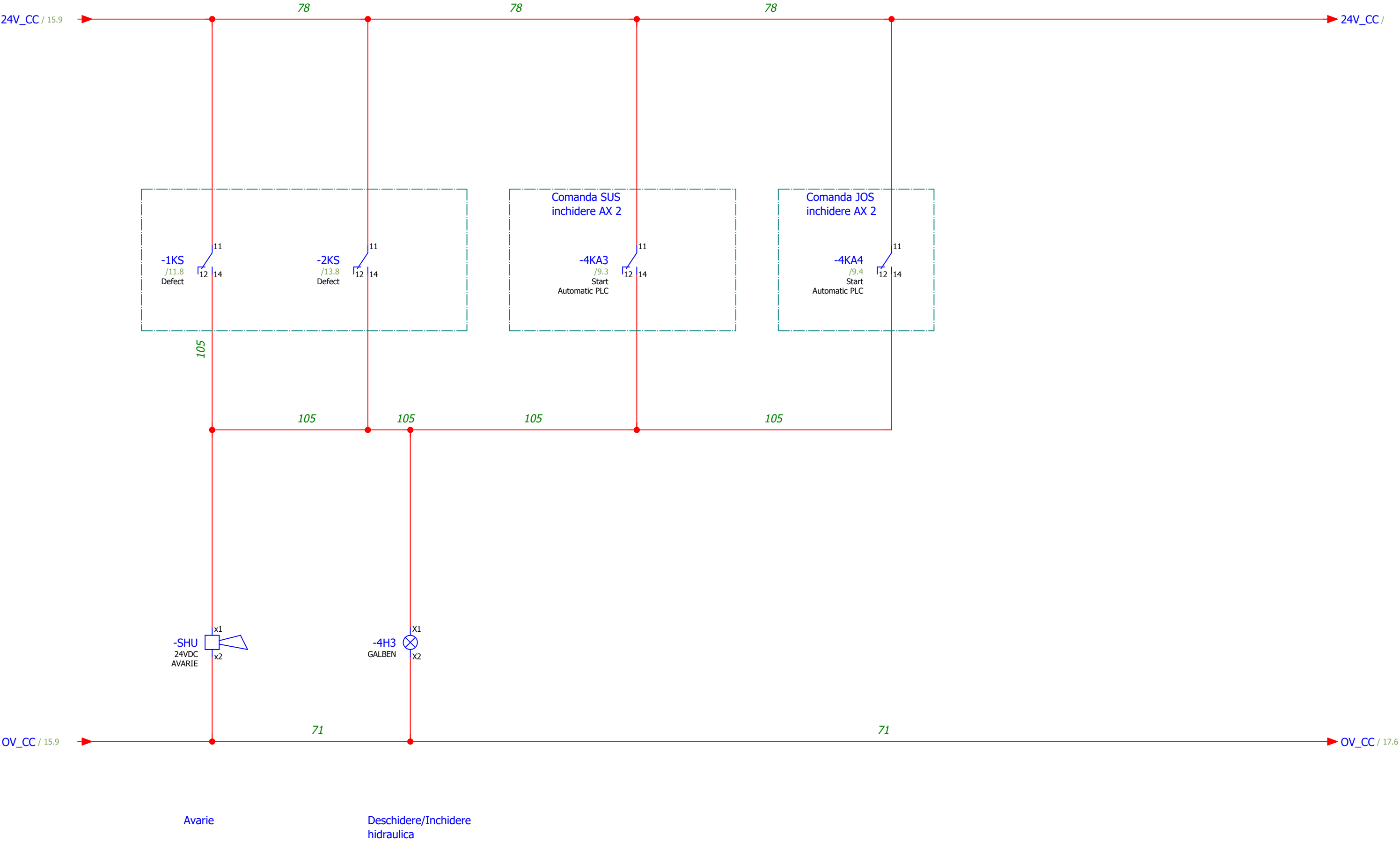








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			Appr						TE_1_Desficator de saci				
Modification	Date	Name	Original		Replacement of	Replaced by					Nr. 304 / 02.03.2023	Page	13
												Page	16 / 23



Device tag	Quantity	Designation	Type number	Supplier	Part number
	0				
	1	Bus coupler	IL PN BK D18 DO4 2TX-PAC	PXC	PXC.2703994
	1	Inline terminal	IB IL 24 D18/HD-PAC	PXC	PXC.2700173
	1	Inline terminal	IB IL 24 DO 8/HD-ECO		PXC.2702793
	1	Inline terminal	IB IL AI 4/I/4-20-ECO		PXC.2702495
-A0	1	Bus coupler	IL PN BK D18 DO4 2TX-PAC	PXC	PXC.2703994
-A0	0				
-A1	1	Inline terminal	IB IL 24 D18/HD-PAC	PXC	PXC.2700173
-A2	1	Inline terminal	IB IL 24 DO 8/HD-ECO		PXC.2702793
-A3	1	Inline terminal	IB IL AI 4/I/4-20-ECO		PXC.2702495
-A5	1	Bus coupler	IL PN BK D18 DO4 2TX-PAC	PXC	PXC.2703994
-A?	0				
-ES	1	Safety relay emergency stop/protective door, 24VDC/AC, 3 enabling paths	ESR5-NO-31-24VAC-DC	ETN	ETN.ESR5-NO-31-24VAC-DC
-ES1	1	Emergency-stop pushbutton, non-illuminated, turn-release	M22-PVT	ETN	ETN.M22-PVT
-ES1	1	Contact element, 1N/O, front mount, 6. contact, screw connection	M22-K10	ETN	ETN.M22-K10
-ES2	0				
-ES3	0				
-ES4	0				
-ES5	0				
-ESK1	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-ESK2	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-F1	1	Over current switch, 2A, 3p, C-Char, AC	PXL-C2/3	ETN	ETN.PXL-C2/3
-F2	1	Over current switch, 2A, 2p, C-Char, AC	PXL-C2/2	ETN	ETN.PXL-C2/2
-F3	1	Over current switch, 2A, 2p, C-Char, AC	PXL-C2/2	ETN	ETN.PXL-C2/2
-F3.1	1	Over current switch, 2A, 2p, C-Char, AC	PXL-C2/2	ETN	ETN.PXL-C2/2
-F3.2	1	Over current switch, 2A, 2p, C-Char, AC	PXL-C2/2	ETN	ETN.PXL-C2/2
-F3.3	1	Over current switch, 2A, 2p, C-Char, AC	PXL-C2/2	ETN	ETN.PXL-C2/2
-F3.4	1	Over current switch, 2A, 2p, C-Char, AC	PXL-C2/2	ETN	ETN.PXL-C2/2
-F4	1	Over current switch, 6A, 1Np, C-Char, AC	FAZ-PN-C6/1N	ETN	ETN.FAZ-PN-C6/1N
-F5	1	Over current switch, 16A, 1Np, C-Char, AC	FAZ-PN-C16/1N	ETN	ETN.FAZ-PN-C16/1N
-F6	1	Over current switch, 2A, 2p, C-Char, AC	PXL-C2/2	ETN	ETN.PXL-C2/2
-F7	1	Over current switch, 2A, 2p, C-Char, AC	PXL-C2/2	ETN	ETN.PXL-C2/2
-FAN_TE1	0				
-G1	0				
-1H1	1	Indicator light, 230V AC/DC, green	C22-L-G-230	ETN	ETN.C22-L-G-230
-1H2	1	Indicator light, 230V AC/DC, red	C22-L-R-230	ETN	ETN.C22-L-R-230
-2H1	1	Indicator light, 230V AC/DC, green	C22-L-G-230	ETN	ETN.C22-L-G-230
-2H2	1	Indicator light, 230V AC/DC, red	C22-L-R-230	ETN	ETN.C22-L-R-230
-4H3	1	Indicator light, 230V AC/DC, yellow	C22-L-Y-230	ETN	ETN.C22-L-Y-230
-HL1	1	LED element, white, front mount, 85-264VAC	M22-LED230-W	ETN	ETN.M22-LED230-W
-HL1	1				ETN.M22-L-W
-HL2	1	LED element, white, front mount, 85-264VAC	M22-LED230-W	ETN	ETN.M22-LED230-W
-HL2	1				ETN.M22-L-W
-HL3	1	LED element, white, front mount, 85-264VAC	M22-LED230-W	ETN	ETN.M22-LED230-W
-HL3	1				ETN.M22-L-W
-K1	1	Contactory relay, 4N/O, AC	DILER-40(24V50HZ)	ETN	ETN.DILER-40(24V50HZ)
-1KA	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-1KA1	1	Miniature general purpose relay, 4 pole, 7 A - AC (50/60 Hz) - 230 V - AgNi - Lockable test button + mechanical interlocking	55.34.8.230.0040	ETN	FIN.55.34.8.230.0040
-1KA1	1	Push-in terminal socket panel, for 55.32/55.34	94.P4		FIN.94.P4
-1KA2	1	Miniature general purpose relay, 4 pole, 7 A - AC (50/60 Hz) - 230 V - AgNi - Lockable test button + mechanical interlocking	55.34.8.230.0040		FIN.55.34.8.230.0040
-1KA2	1	Push-in terminal socket panel, for 55.32/55.34	94.P4		FIN.94.P4
-2KA1	1	Miniature general purpose relay, 4 pole, 7 A - AC (50/60 Hz) - 230 V - AgNi - Lockable test button + mechanical interlocking	55.34.8.230.0040		FIN.55.34.8.230.0040
-2KA1	1	Push-in terminal socket panel, for 55.32/55.34	94.P4		FIN.94.P4
-2KA2	1	Miniature general purpose relay, 4 pole, 7 A - AC (50/60 Hz) - 230 V - AgNi - Lockable test button + mechanical interlocking	55.34.8.230.0040		FIN.55.34.8.230.0040
-2KA2	1	Push-in terminal socket panel, for 55.32/55.34	94.P4		FIN.94.P4
-4KA3	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308

Parts list

F01_001

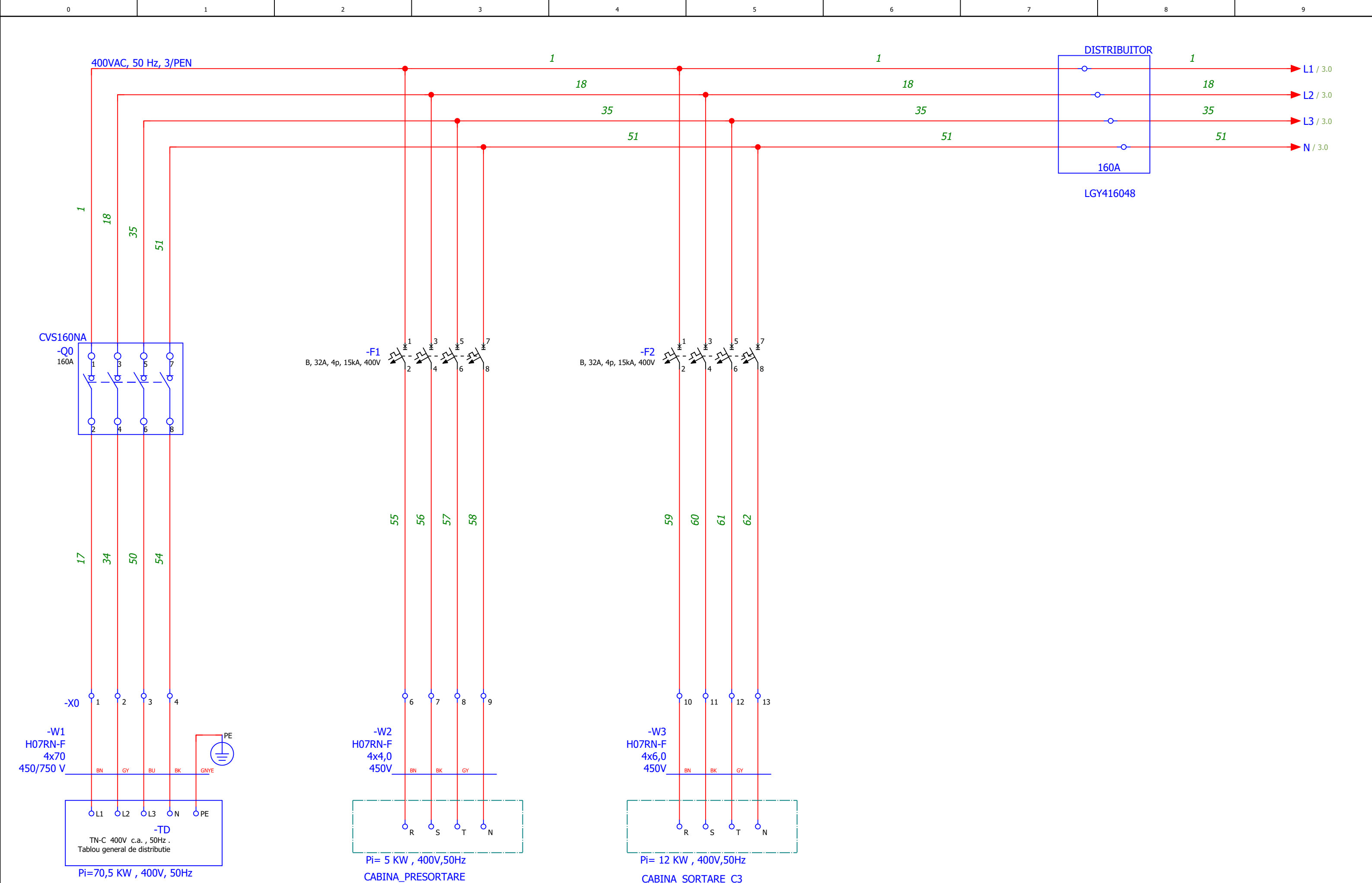
Device tag	Quantity	Designation	Type number	Supplier	Part number
-4KA4	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-1KD	1	Miniature general purpose relay, 4 pole, 7 A - AC (50/60 Hz) - 230 V - AgNi - Lockable test button + mechanical interlocking	55.32.8.230.0040		FIN.55.34.8.230.0040
-1KD	1	Push-in terminal socket panel, for 55.32/55.34	94.P4		FIN.94.P4
-2KD	1	Miniature general purpose relay, 4 pole, 7 A - AC (50/60 Hz) - 230 V - AgNi - Lockable test button + mechanical interlocking	55.32.8.230.0040		FIN.55.34.8.230.0040
-2KD	1	Push-in terminal socket panel, for 55.32/55.34	94.P4		FIN.94.P4
-1KM	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-1KM1	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-2KM1	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-3KM1	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-4KM1	1	Power contactor, AC switching	DILM9-01-EA(230V50HZ,240V60HZ)		ETN.190031
-1KS	1	Miniature general purpose relay, 4 pole, 7 A - AC (50/60 Hz) - 230 V - AgNi - Lockable test button + mechanical interlocking	55.32.8.230.0040		FIN.55.34.8.230.0040
-1KS	1	Push-in terminal socket panel, for 55.32/55.34	94.P4		FIN.94.P4
-2KS	1	Miniature general purpose relay, 4 pole, 7 A - AC (50/60 Hz) - 230 V - AgNi - Lockable test button + mechanical interlocking	55.32.8.230.0040		FIN.55.34.8.230.0040
-2KS	1	Push-in terminal socket panel, for 55.32/55.34	94.P4		FIN.94.P4
-KU	1	Monitoring relay, 3 phase + neutral AC line monitoring - AC (50/60 Hz) - 380...415 V	70.41.8.400.2030	FIN	FIN.70.41.8.400.2030
-LP_Tablou1	1				STE.02540.0-03
-LS1	1				ETN.LS-11
-M1	0				
-M2	0				
-M3	0				
-M4	0				
-M5	0				
-NSYCCOTH0	0				
-NSYCCOTHC	0				
-PRIZA_SERVICE1	0				
-Q0	1	Switch-disconnector Compact INS160 - 4 poles - 160 A	28913	SE	SE.28913
-Q1	1	Standard auxiliary contact, 1N/O+1N/C, screw connection	NHI11-PKZ0	ETN	ETN.NHI11-PKZ0
-Q1	1	Standard auxiliary contact, 1N/O+1N/C, flush mounting, screw connection	NHI-E-11-PKZ0	ETN	ETN.NHI-E-11-PKZ0
-Q1	1	Motor-protective circuit-breaker, 3p, Ir=2.5-4A	PKZM01-4	ETN	ETN.PKZM01-4
-1QM1	1	Motor-protective circuit-breaker, 3p, Ir= 40 - 50 A, screw connection	PKZM4-50-EA	ETN	ETN.PKZM4-50-EA
-1QM1	1	Standard auxiliary contact, 1N/O+1N/C, flush mounting, screw connection	NHI-E-11-PKZ0	ETN	ETN.NHI-E-11-PKZ0
-2QM1	1	Motor-protective circuit-breaker, 3p, Ir=10-16A, screw connection	PKZM0-16	ETN	ETN.PKZM0-16
-2QM1	1	Standard auxiliary contact, 1N/O+1N/C, flush mounting, screw connection	NHI-E-11-PKZ0	ETN	ETN.NHI-E-11-PKZ0
-3QM1	1	Motor-protective circuit-breaker, 3p, Ir=10-16A, screw connection	PKZM0-16	ETN	ETN.PKZM0-16
-3QM1	1	Standard auxiliary contact, 1N/O+1N/C, flush mounting, screw connection	NHI-E-11-PKZ0	ETN	ETN.NHI-E-11-PKZ0
-5QM1	1	Motor circuit breaker, TeSys Deca, 3P, 6-10 A, thermal magnetic, screw clamp terminals	GV2ME14	SE	SE.GV2ME14
-5QM1	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-5QM1	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-R1	1				EHG060
-R1	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-RQ1	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-RS1	2	Push-button actuator, complete unit	M22-DL-G-K10LED-BVP	ETN	ETN.110930
-RU5	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-S1	1	Monolithic selector switch - Ø 22 - black - standard handle - 3 positions - 2 NO		SE	SE.XB7ND33
-1S1	0				
-2S1	0				
-3S1	0				
-4S1	0				
-5S1	1	Double actuator pushbutton, +indicator light, green I/white/red 0	M22-DDL-GR-X1/X0	ETN	ETN.M22-DDL-GR-X1/X0
-SHU	0				
-TD	0				
-U1	0				
-U2	0				
-U3	0				
-U5	0				
-4Y1	0				

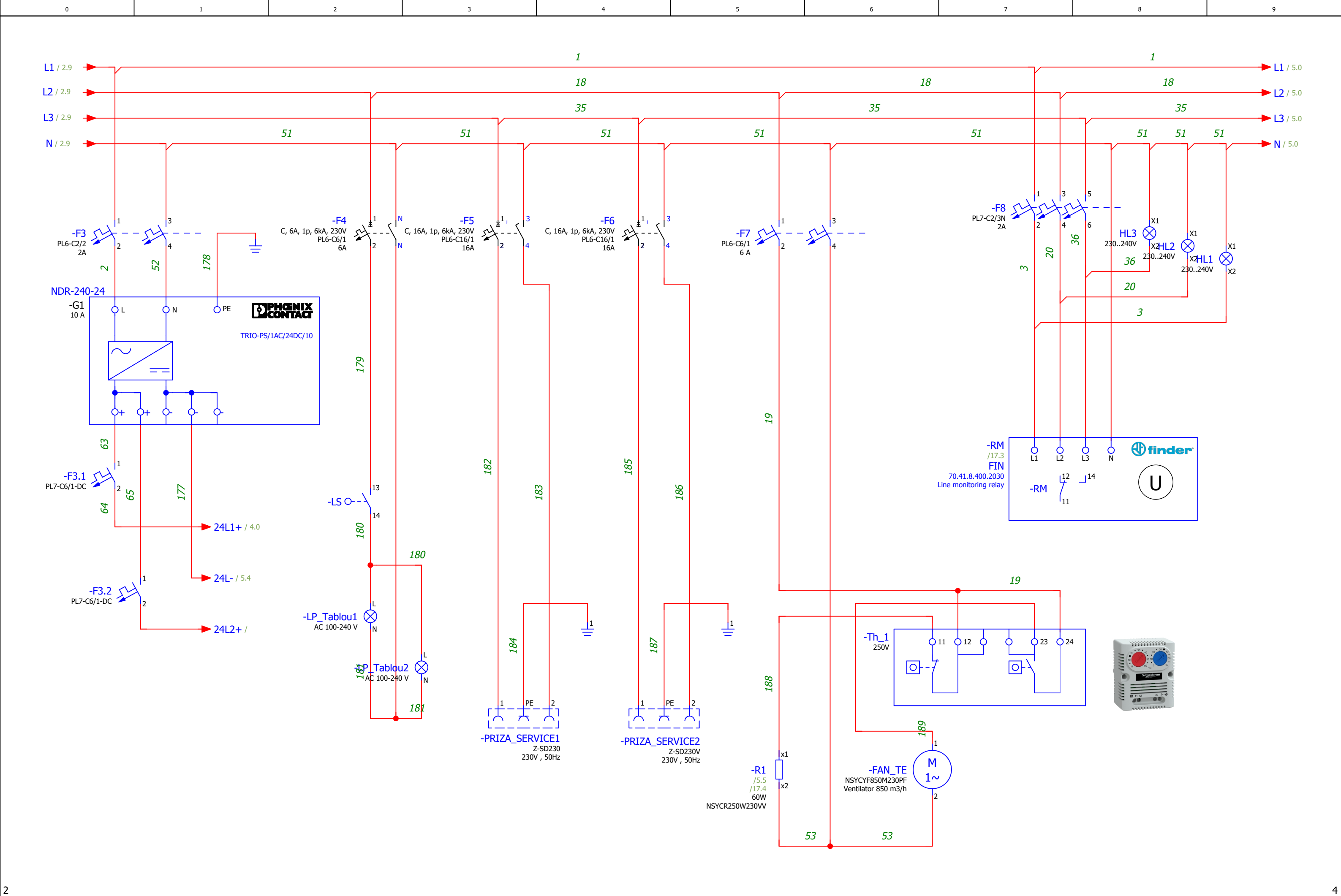


Sc TEHNIMARKET Srl.

Str. Arcadie Septilici Nr. 1 C
600234 BACAU
Phone +49 (0)2173 - 39 64 - 0

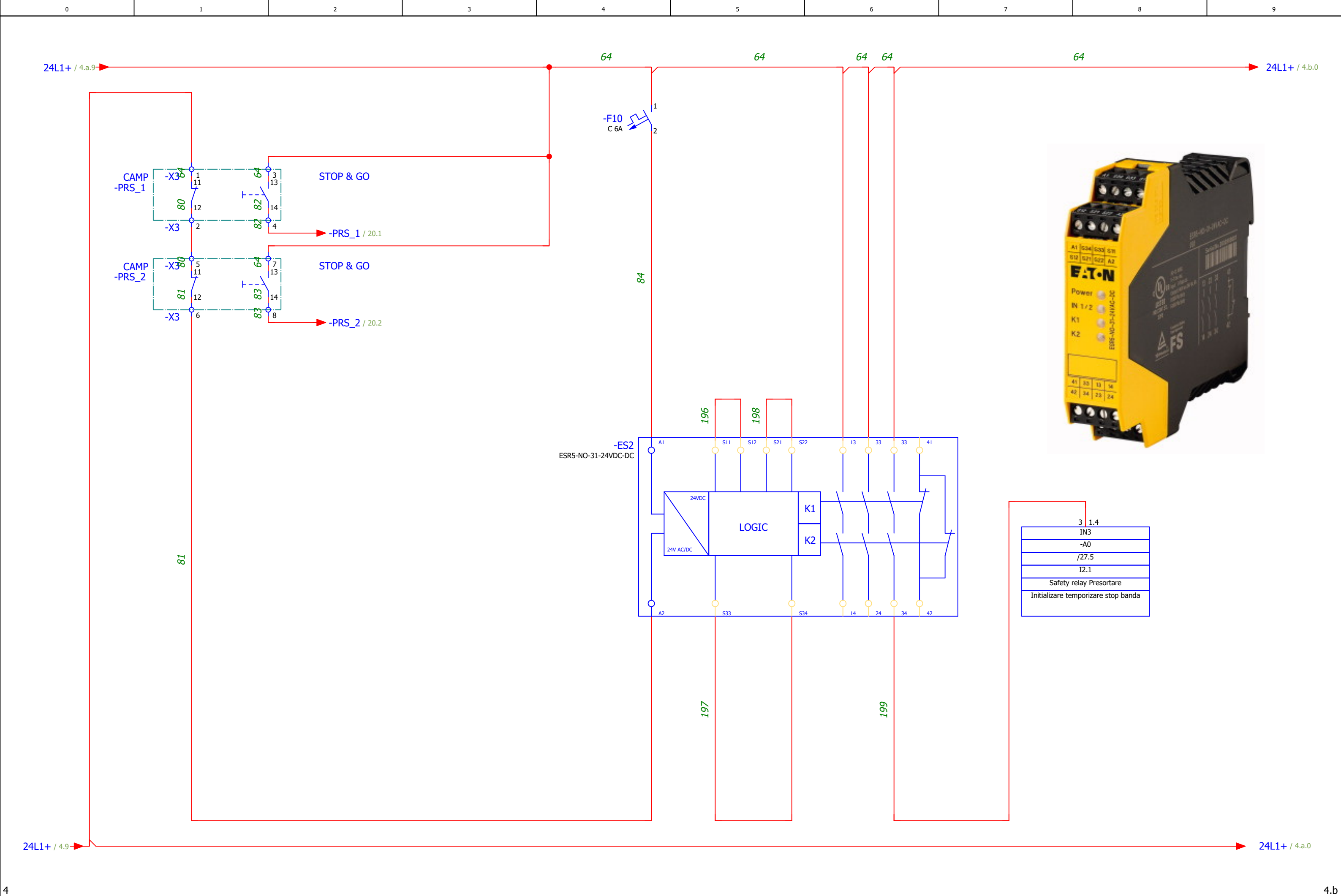
Company / customer	Statie sortare ROIESTI
Project description	TE_Benzi alim ciur, cab presortare, sep optic
Job number	
Commission	EPLAN
Manufacturer (company)	Sc TEHNIMARKET Srl.
Path	EPLAN sample project
Project name	TE_2_Benzi_acc_sep
Make	
Type	
Place of installation	
Responsible for project	Murgulet Ioan
Part feature	
Created on	25/04/2023
Edit date	03/07/2023
	by (short name) Nelu
	Number of pages 40



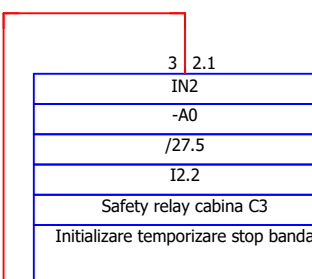




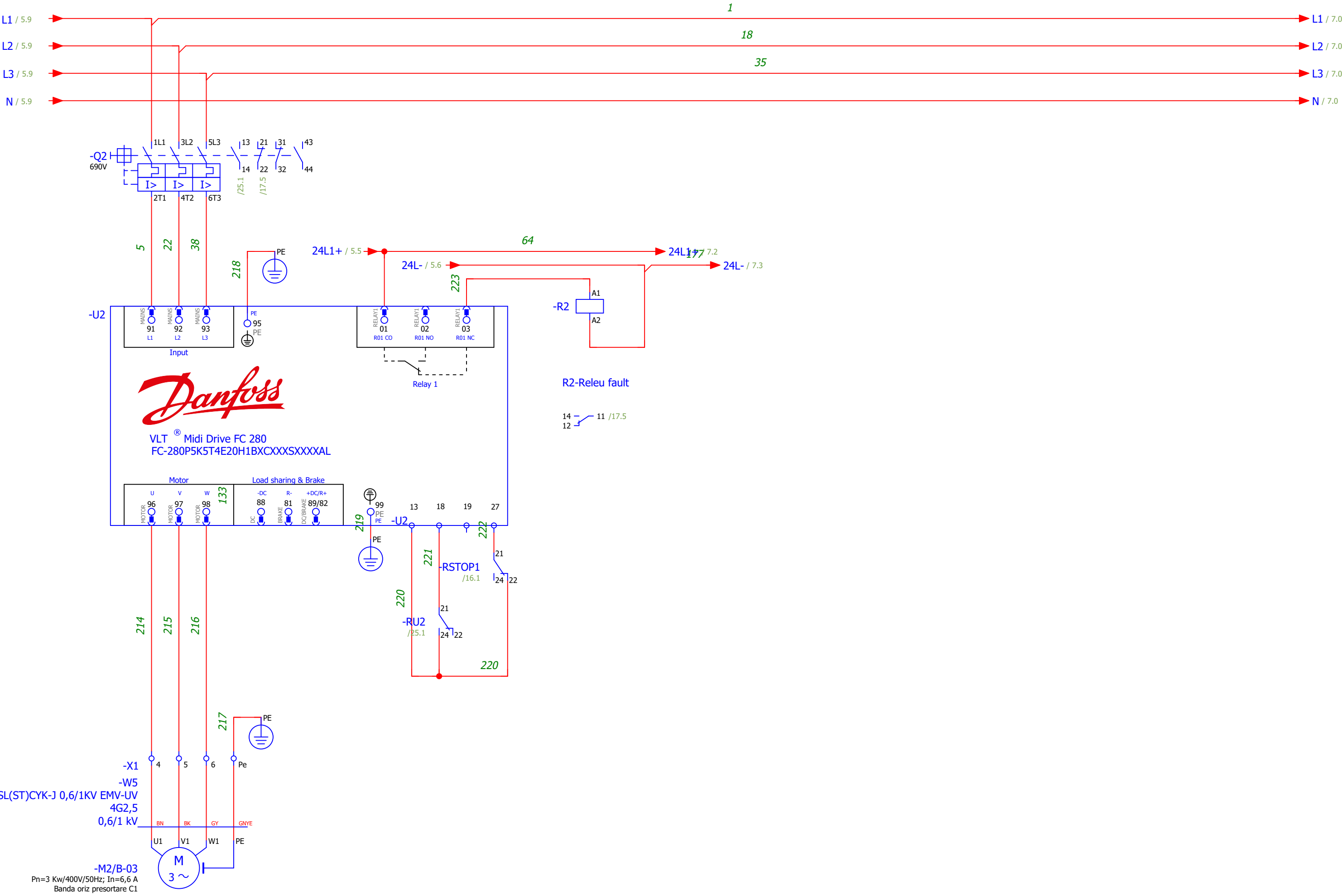
3	1.1
IN1	
-A0	
/27.5	
I2.0	
Safety relay OK	
Confirmare	



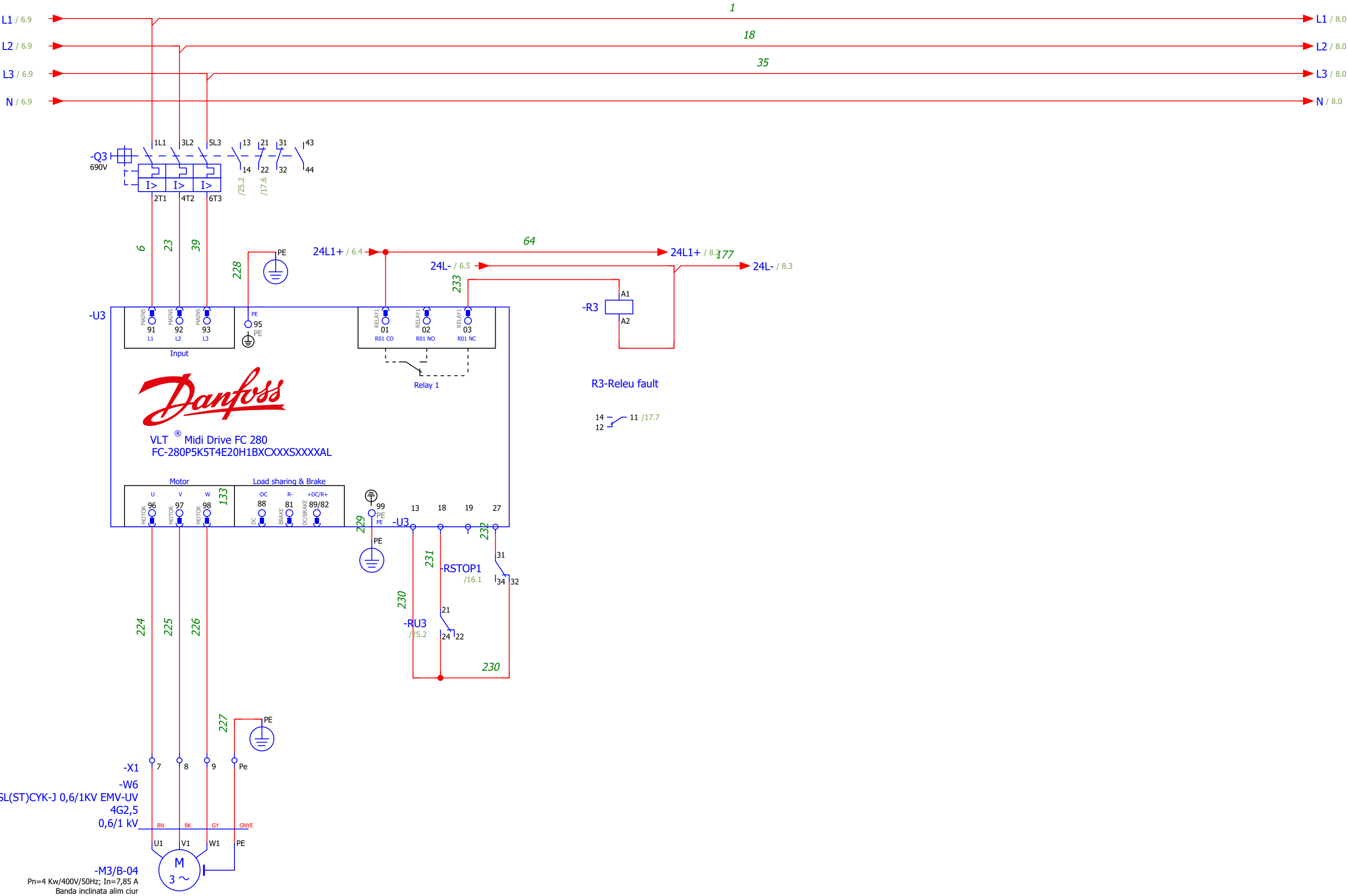
3	1.4
IN3	
-A0	
/27.5	
I2.1	
Safety relay Presortare	
Initializare temporizare stop banda	



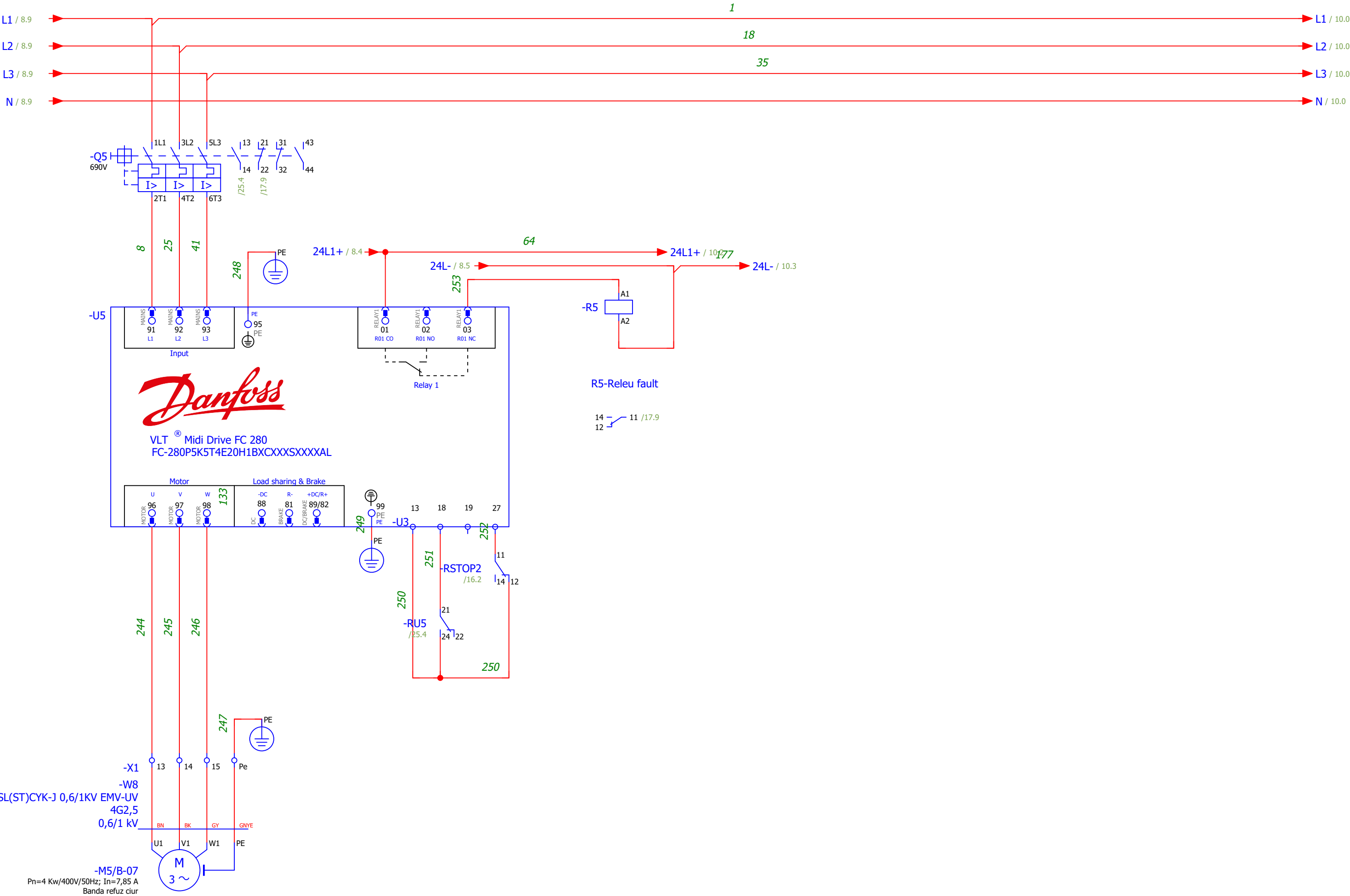




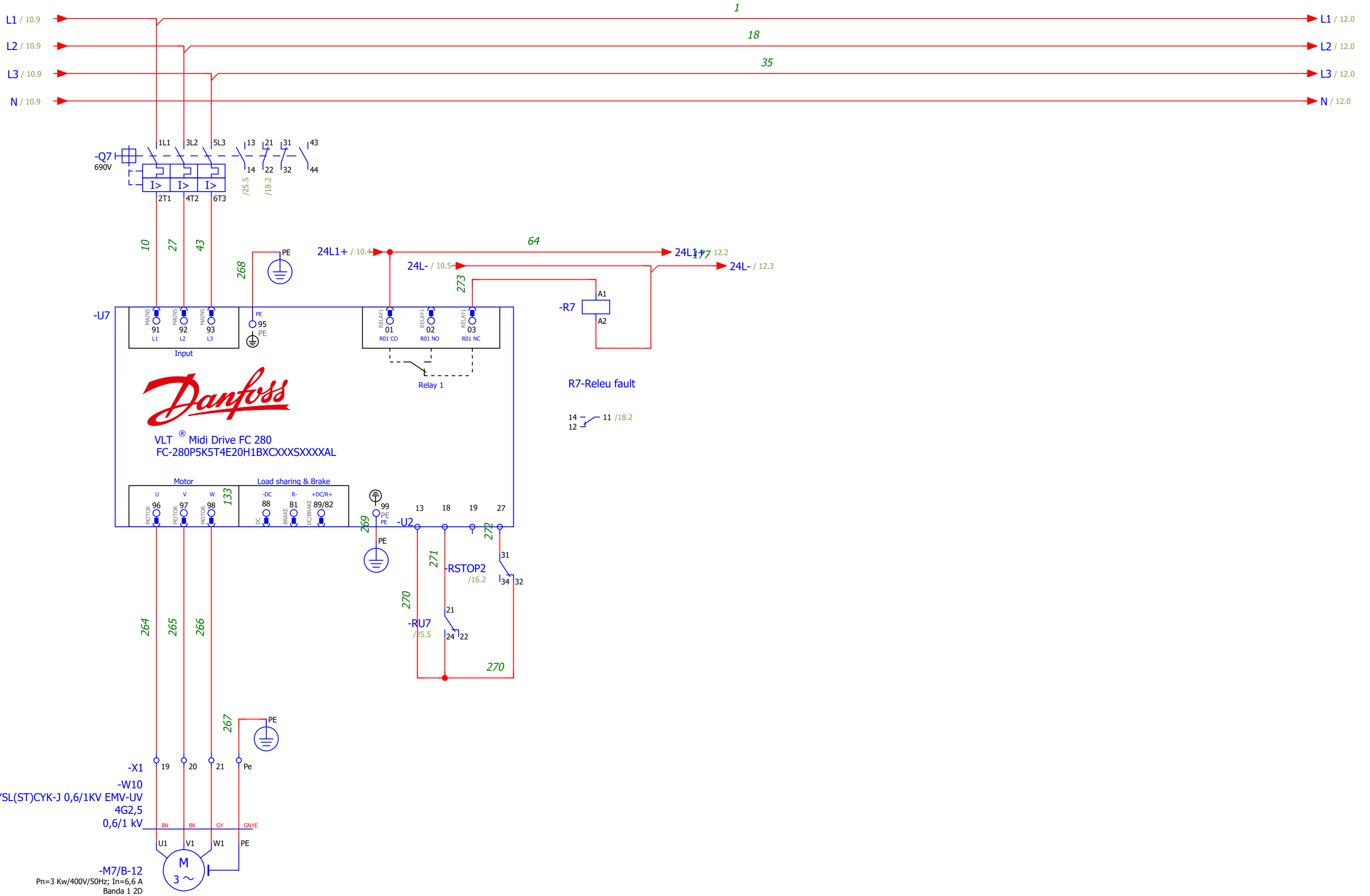
5										7									
			Date	28/04/2023	EPLAN			Sc TEHNIMARKET Srl.	M2					= CA1					
			Ed	Nelu										+ EAA					
			Appr		TE_Benzi alim ciur, cab presortare, sep optic														
Modification	Date	Name	Original		Replacement of		Replaced by							Page 6					
														Page 9 / 40					



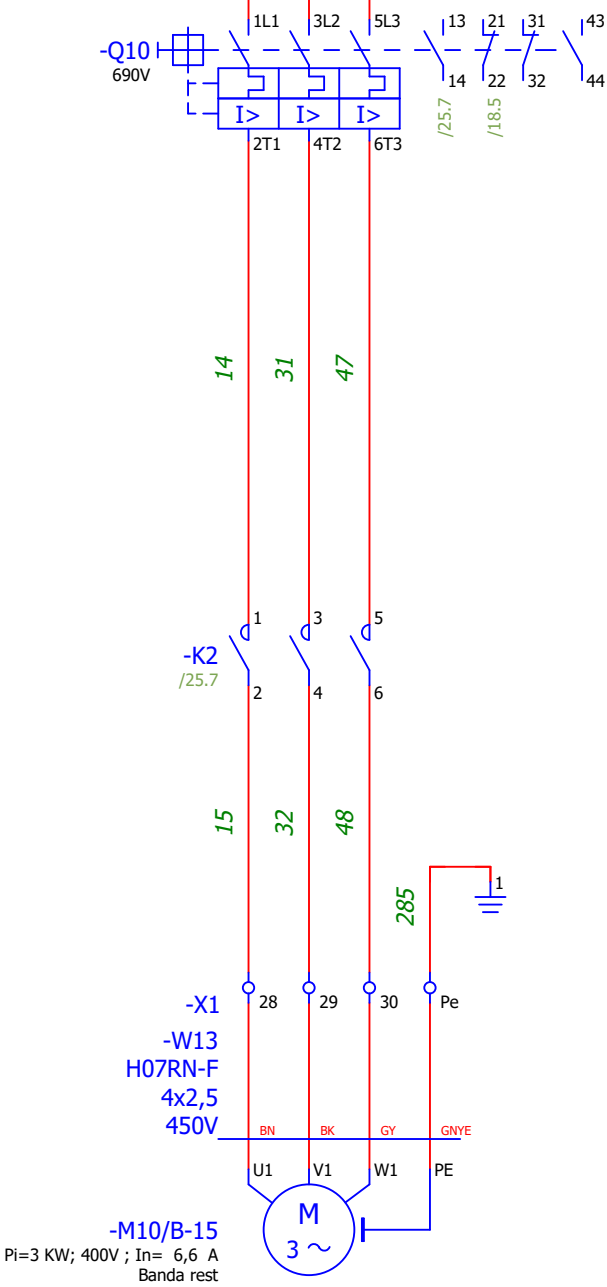
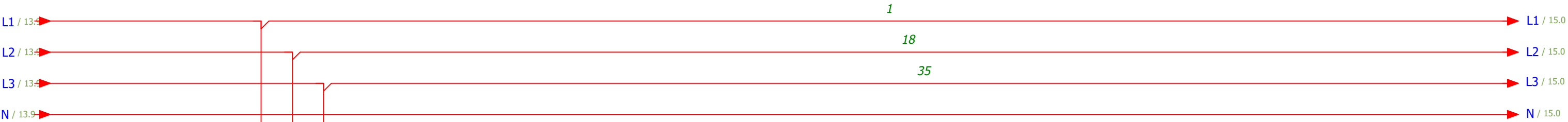
6										8									
			Date	28/04/2023	EPLAN				Sc TEHNIMARKET Srl.		M3						= CA1		
			Ed	Nelu													+ EAA		
			Appr										TE_Benzi alim ciur, cab presortare, sep optic						
Modification	Date	Name	Original		Replacement of		Replaced by										Page	7	
															Page	10 / 40			



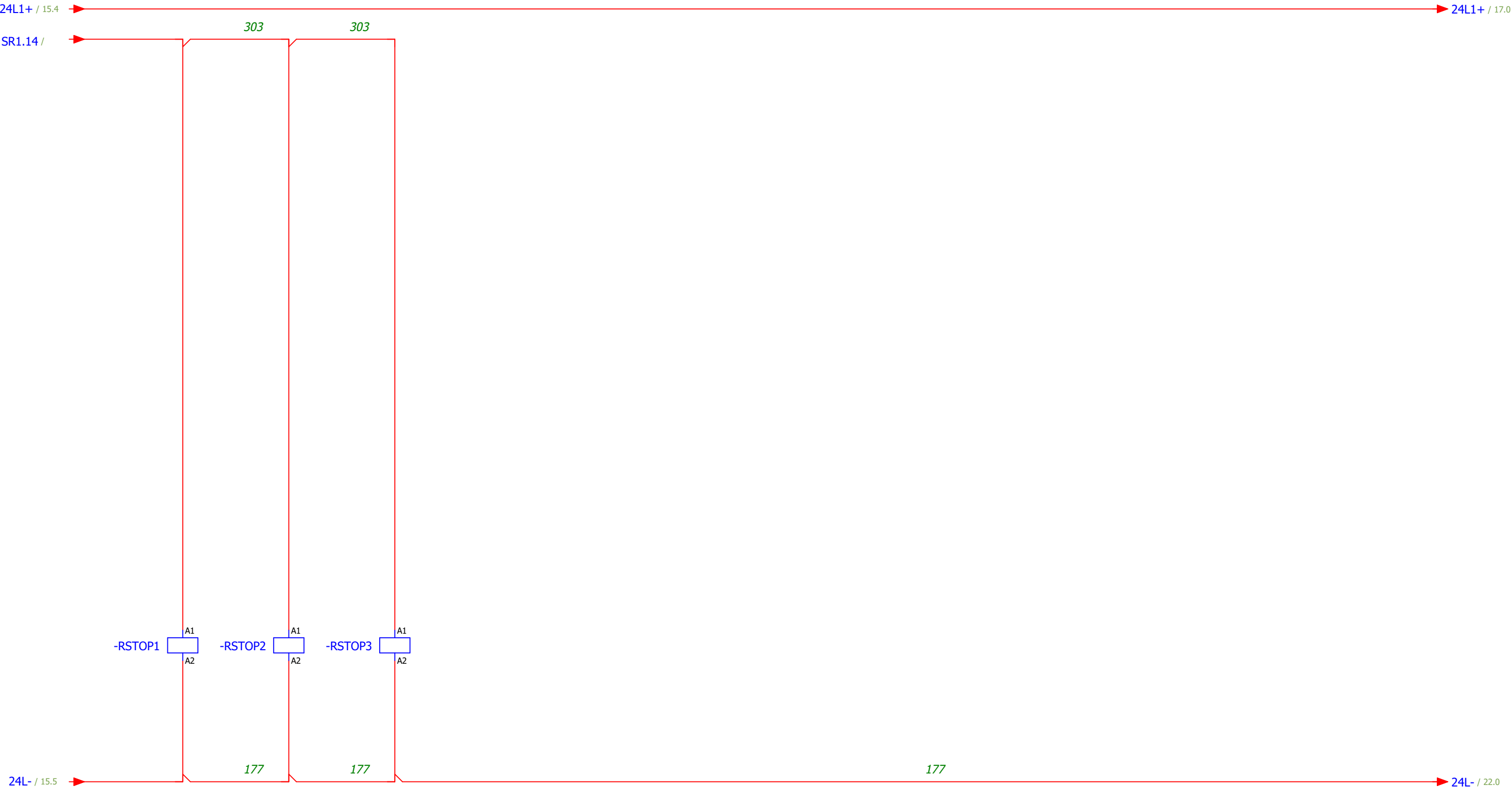
8										10									
			Date	28/04/2023	EPLAN			Sc TEHNIMARKET Srl.		M5						= CA1			
			Ed	Nelu												+ EAA			
			Appr																
					TE_Benzi alim ciur, cab presortare, sep optic											Page 9			
Modification	Date	Name	Original		Replacement of		Replaced by										Page 12 / 40		

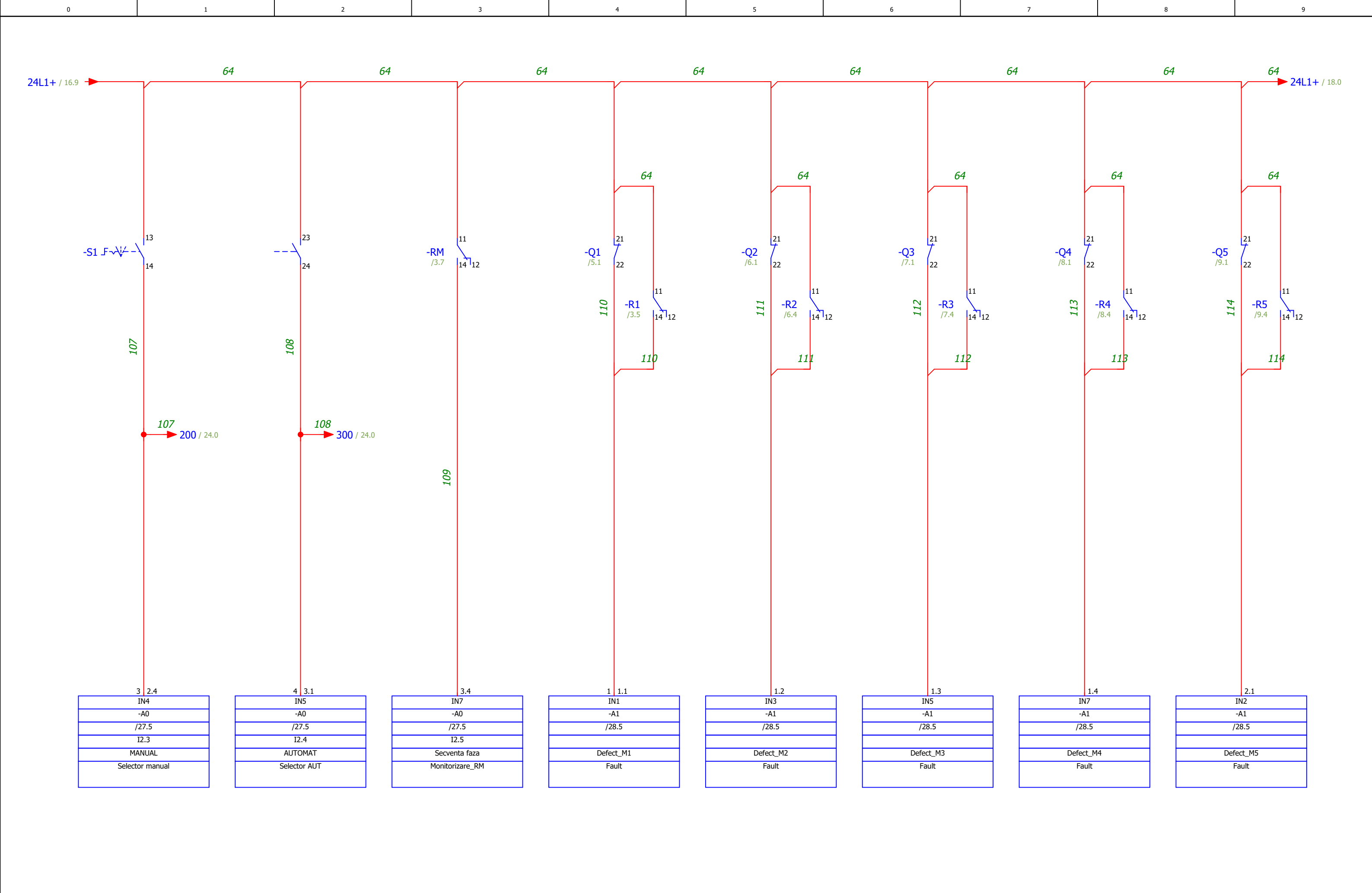


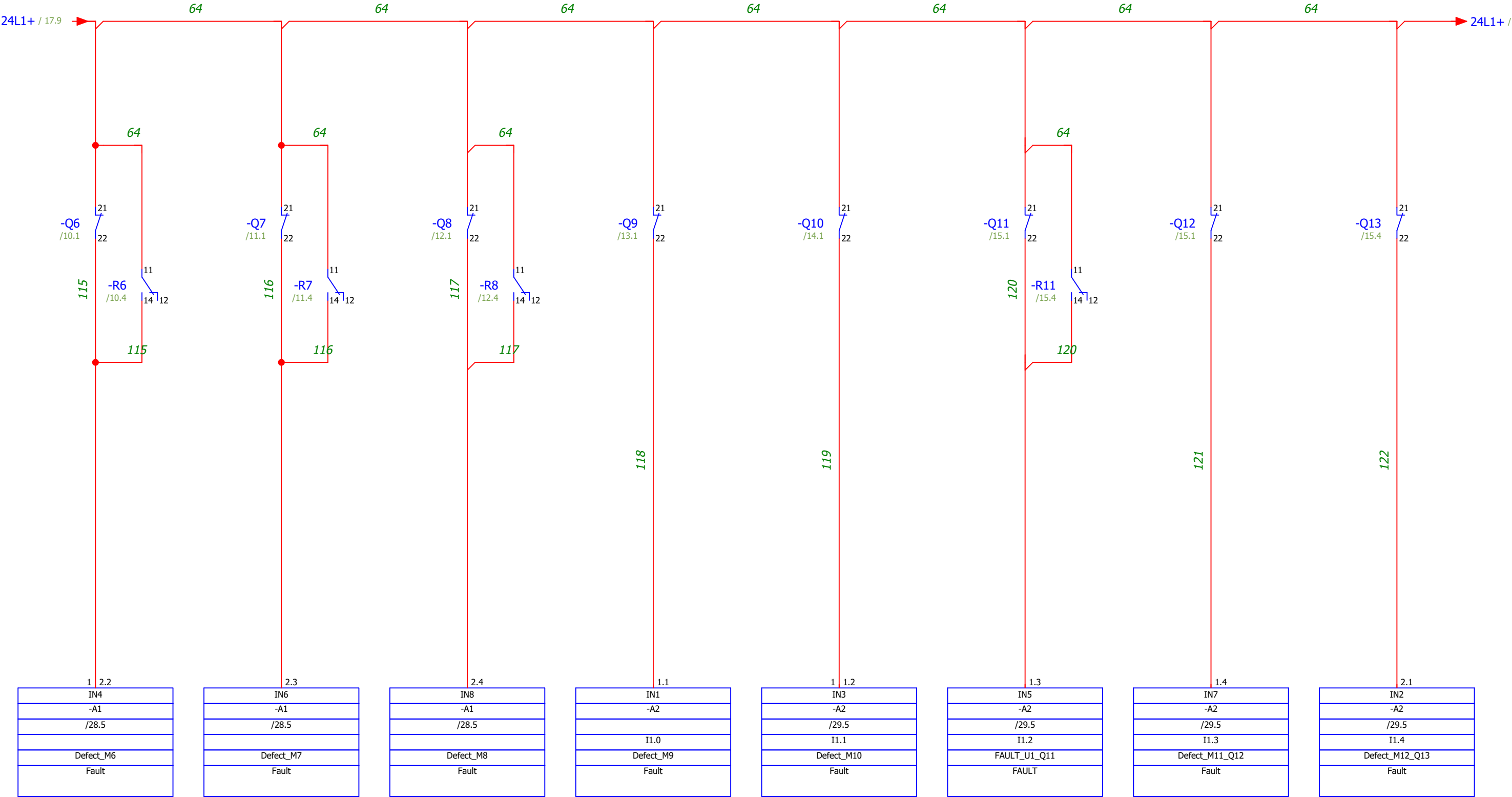
10										12									
			Date	28/04/2023	EPLAN			Sc TEHNIMARKET Srl.		M7						= CA1			
			Ed	Nelu												+ EAA			
			Appr																
					TE_Benzi alim ciur, cab presortare, sep optic											Page 11			
Modification	Date	Name	Original		Replacement of		Replaced by										Page 14 / 40		

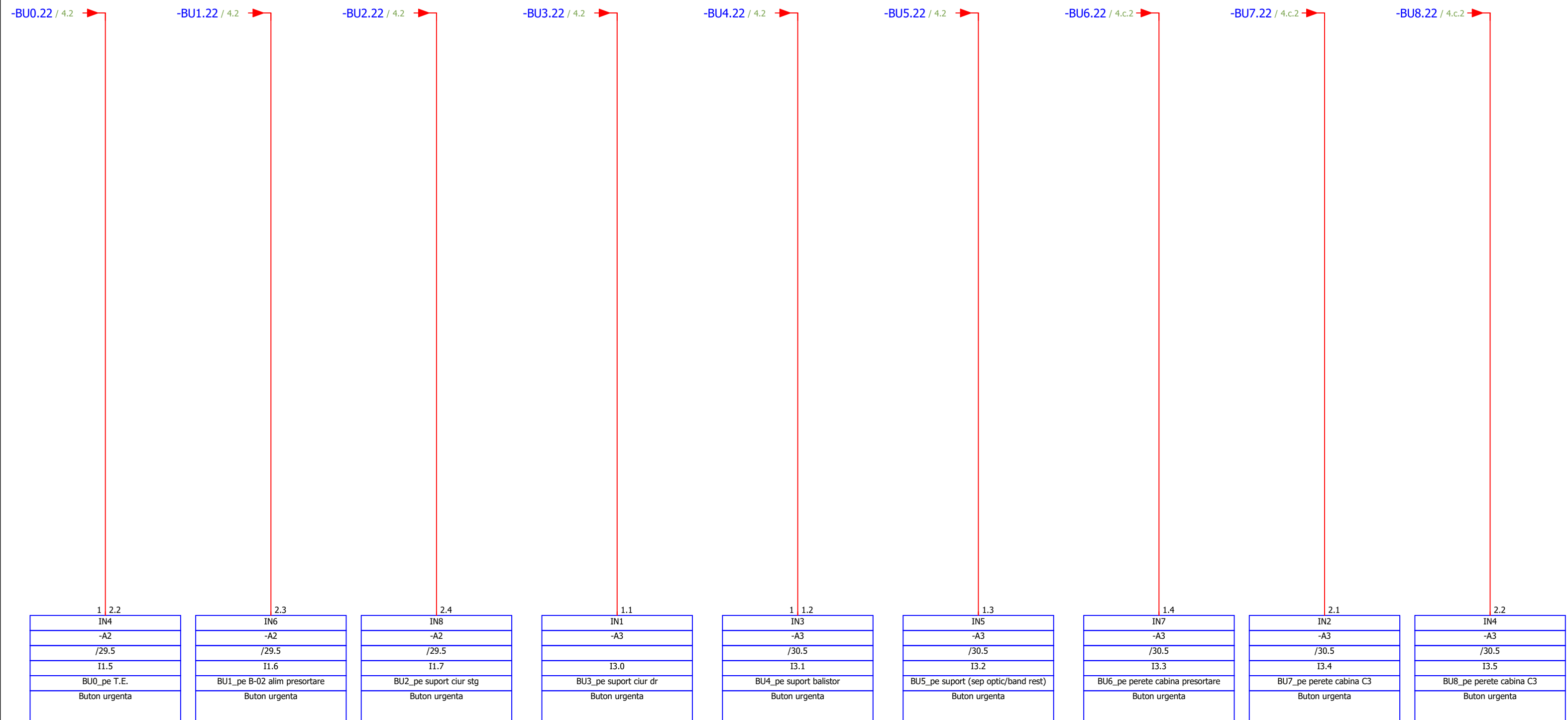


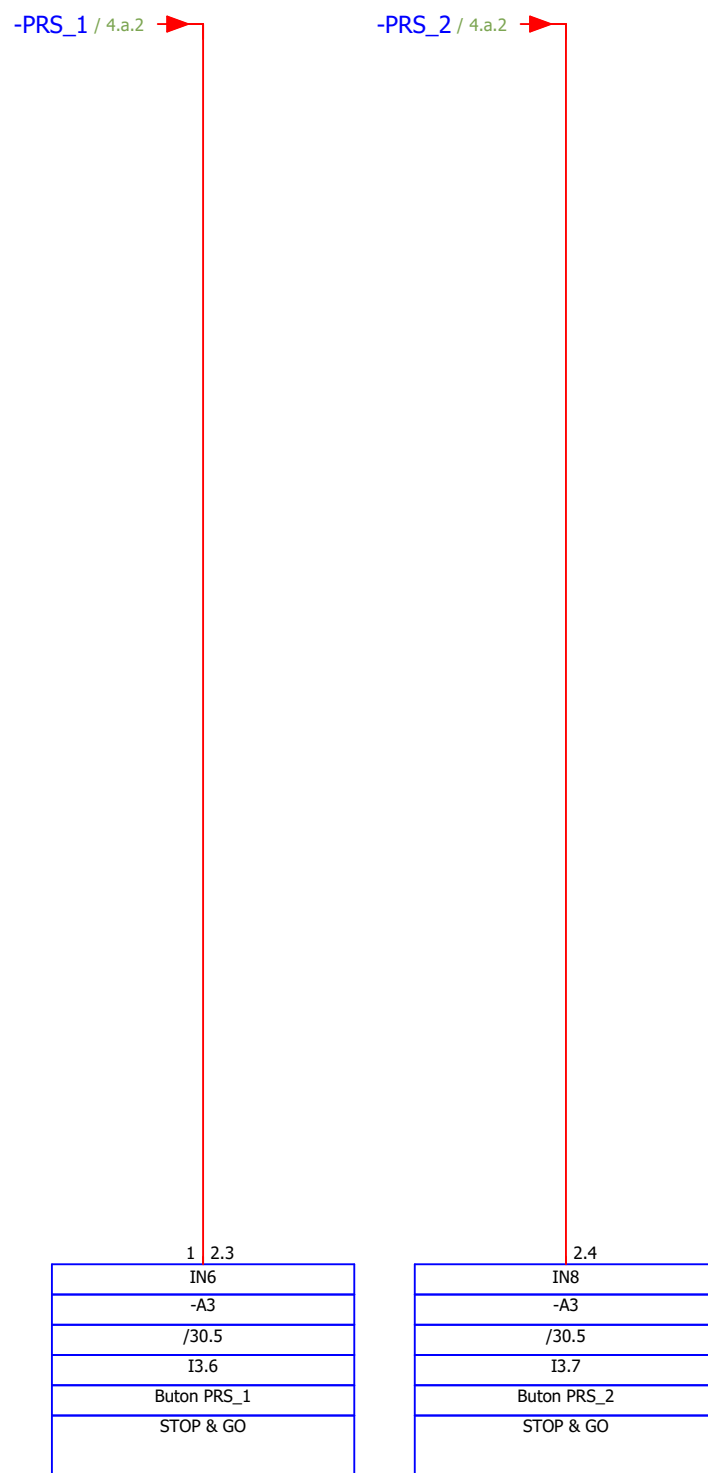
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			Ed	Nelu							+ EAA	
			Appr						TE_Benzi alim ciur, cab presortare, sep optic			
Modification	Date	Name	Original		Replacement of	Replaced by						

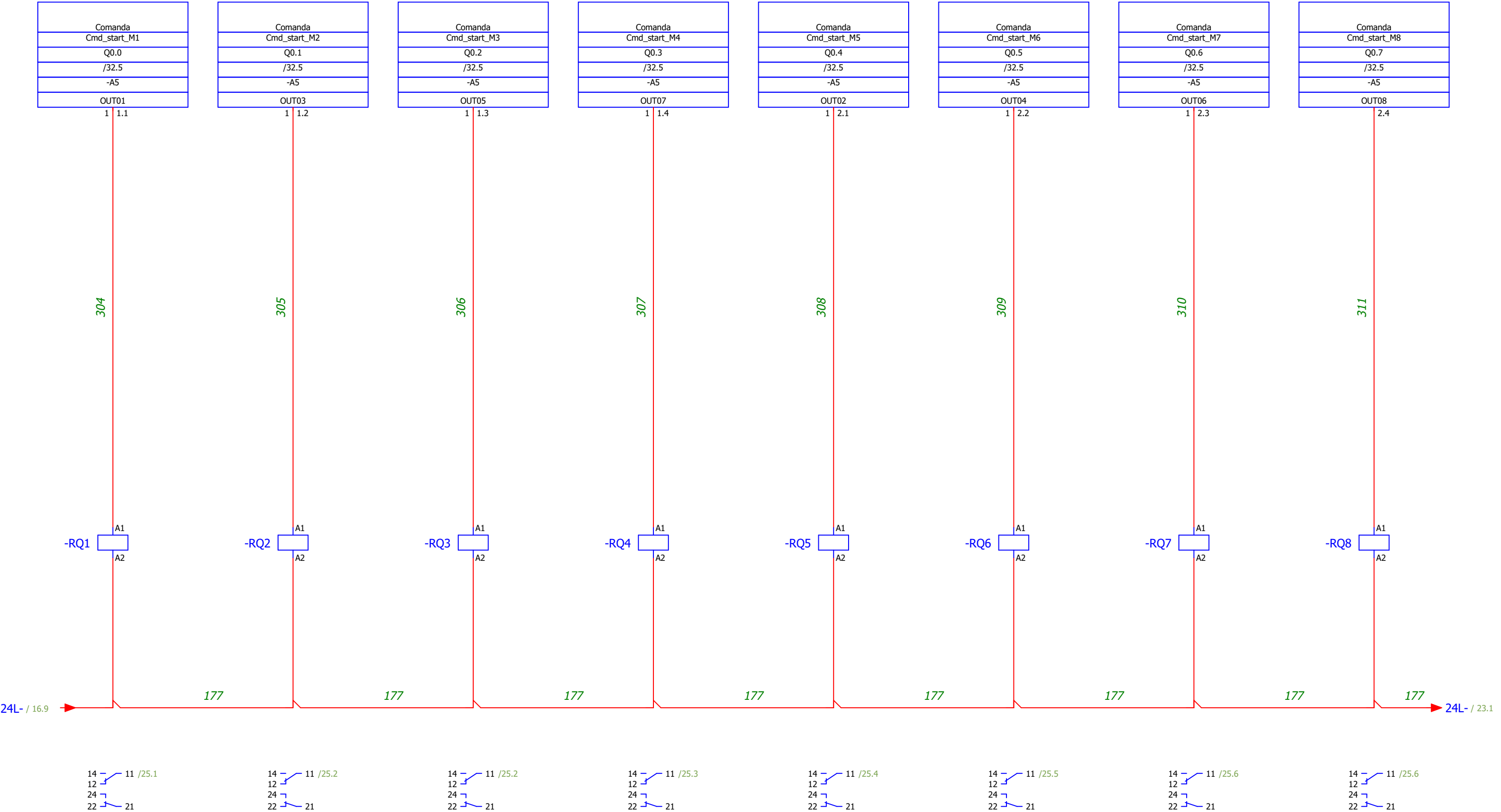


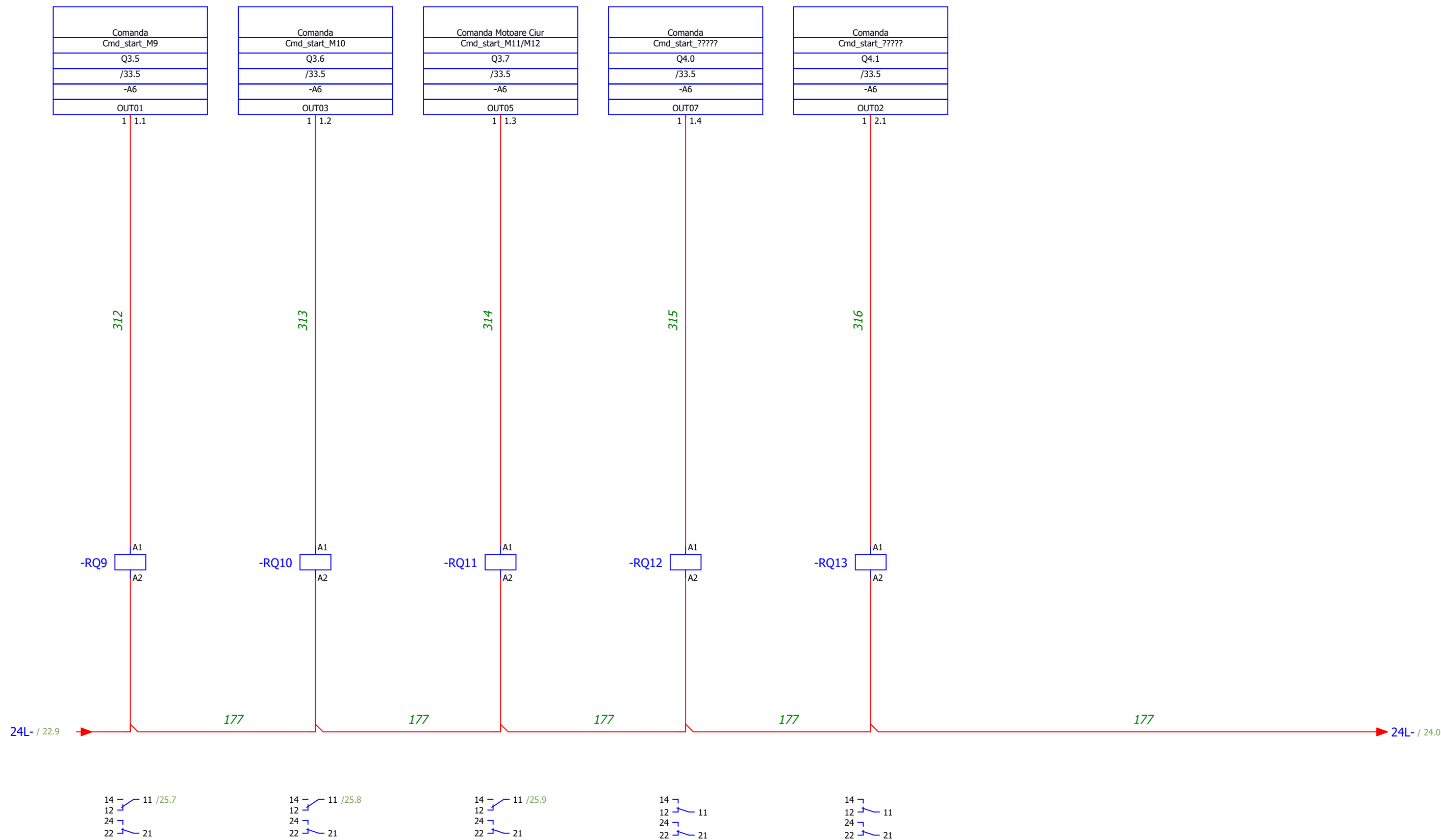


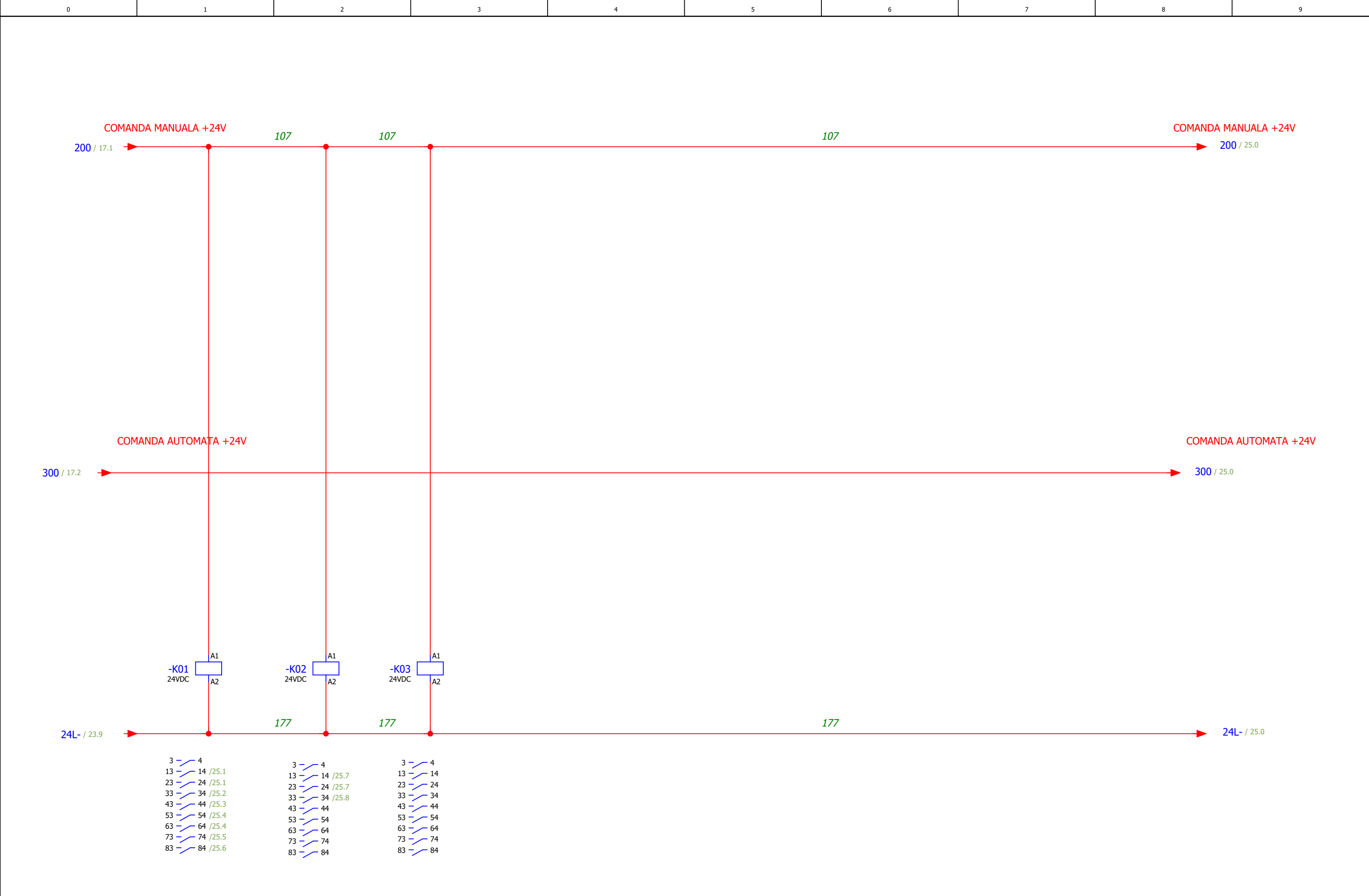








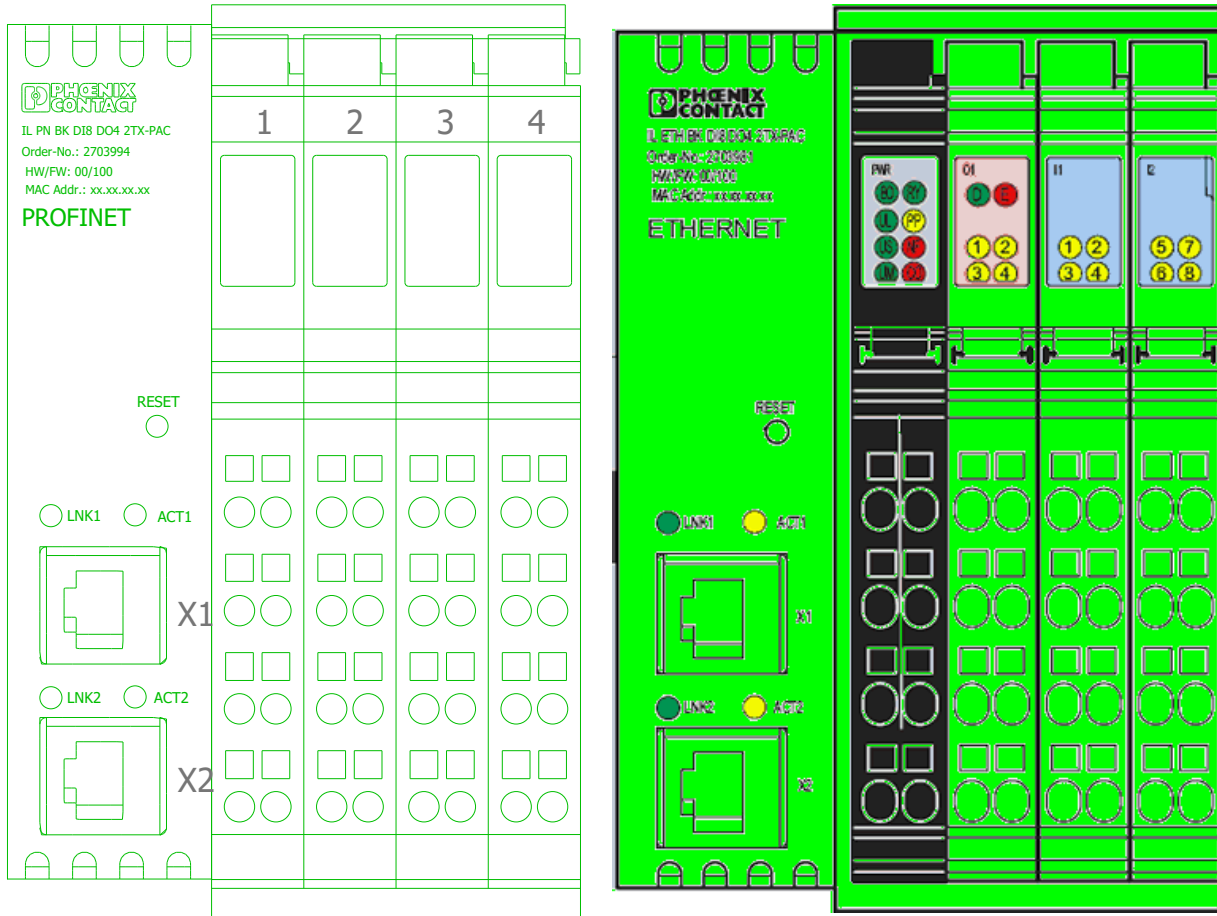




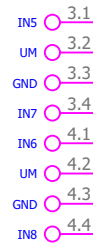
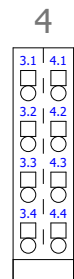
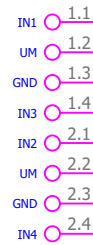
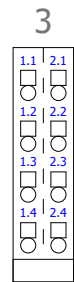
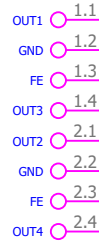
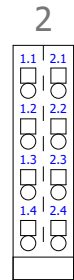
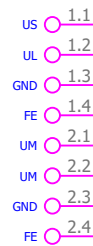
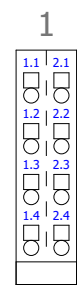
			Date	27/04/2023	EPLAN		Sc TEHNIMARKET Srl.	Cmd man/aut			= CA1
			Ed	Nelu							+ EAA
			Appr						TE_Benzi alim ciur, cab presortare, sep optic		
Modification	Date	Name	Original		Replacement of	Replaced by					Page 29 / 40



-A0



IL PN BK DI8 DO4 2TX-PAC

[illegible]

Q1.4			
Q1.5			
Q1.6			
Q1.7			

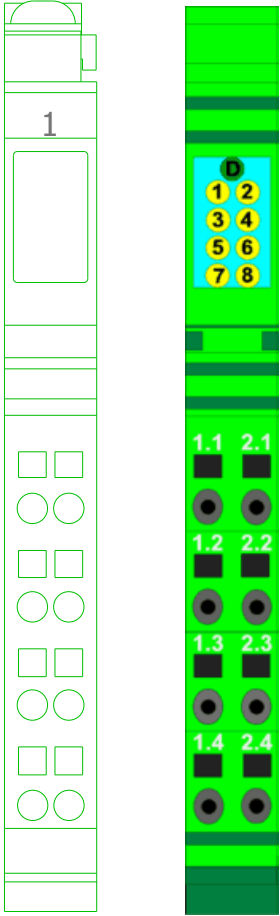
I2.0	Confirmare	Safety relay OK	/4.8
I2.1	Initializare temporizare stop banda	Safety relay Presortare	/4.a.8
I2.2	Initializare temporizare stop banda	Safety relay cabina C3	/4.b.8
I2.3	Selector manual	MANUAL	/17.1

I2.4	Selector AUT	AUTOMAT	/17.2
I2.5	Monitorizare_RM	Secventa faza	/17.3
I2.6			
I2.7			

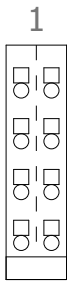
[illegible]



-A1



IB IL 24 DI8/HD-PAC

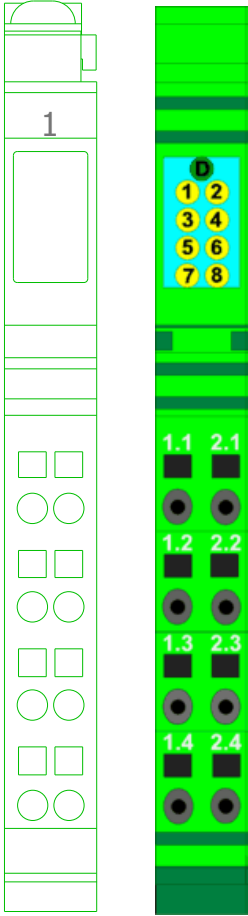


- IN1 1.1
- IN3 1.2
- IN5 1.3
- IN7 1.4
- IN2 2.1
- IN4 2.2
- IN6 2.3
- IN8 2.4

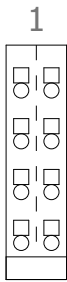
I5.0	Fault	Defect_M1	/17.4
I5.1	Fault	Defect_M2	/17.5
I5.2	Fault	Defect_M3	/17.6
I5.3	Fault	Defect_M4	/17.7
I5.4	Fault	Defect_M5	/17.9
I5.5	Fault	Defect_M6	/18.0
I5.6	Fault	Defect_M7	/18.2
I5.7	Fault	Defect_M8	/18.3



-A2



IB IL 24 DI8/HD-PAC

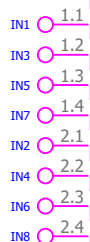
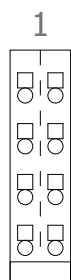
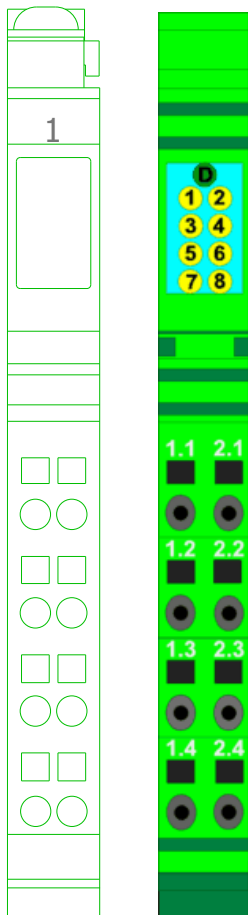


- IN1 1.1
- IN3 1.2
- IN5 1.3
- IN7 1.4
- IN2 2.1
- IN4 2.2
- IN6 2.3
- IN8 2.4

I6.0			
I6.1	Fault	Defect_M10	/18.5
I6.2	FAULT	FAULT_U1_Q11	/18.6
I6.3	Fault	Defect_M11_Q12	/18.7
I6.4	Fault	Defect_M12_Q13	/18.8
I6.5	Buton urgenta	BU0_pe T.E.	/19.0
I6.6	Buton urgenta	BU1_pe B-02 alim presortare	/19.1
I6.7	Buton urgenta	BU2_pe suport ciur stg	/19.2



-A3



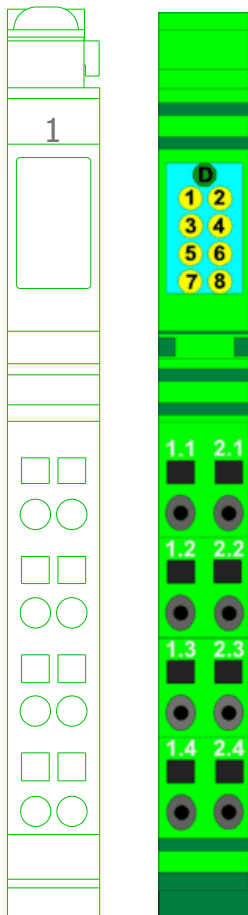
I3.0			
I3.1	Buton urgenta	BU4_pe suport balistor	/19.5
I3.2	Buton urgenta	BU5_pe suport (sep optic/band rest)	/19.6
I3.3	Buton urgenta	BU6_pe perete cabina presortare	/19.7
I3.4	Buton urgenta	BU7_pe perete cabina C3	/19.8
I3.5	Buton urgenta	BU8_pe perete cabina C3	/19.9
I3.6	STOP & GO	Buton PRS_1	/20.1
I3.7	STOP & GO	Buton PRS_2	/20.2

[illegible][illegible][illegible][illegible]

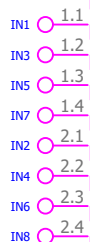
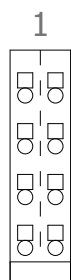
IB IL 24 DI8/HD-PAC



-A4



IB IL 24 DI8/HD-PAC

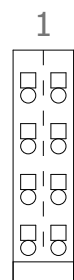
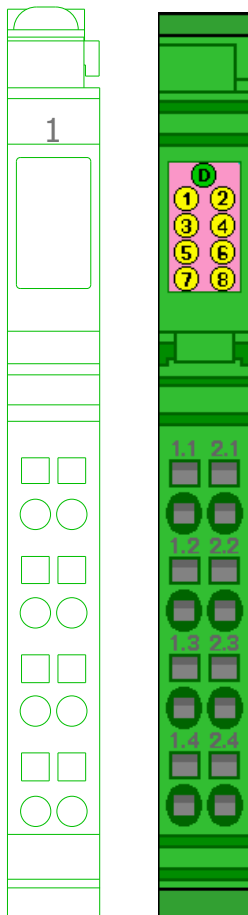


I4.0	STOP & GO	Buton C3_1	/21.0
I4.1	STOP & GO	Buton C3_2	/21.2
I4.2	STOP & GO	Buton C3_3	/21.3
I4.3	STOP & GO	Buton C3_4	/21.4
I4.4	STOP & GO	Buton C3_5	/21.5
I4.5	STOP & GO	Buton C3_6	/21.6
I4.6	STOP & GO	Buton C_7	/21.7
I4.7	STOP & GO	Buton C3_8	/21.8

[illegible][illegible][illegible][illegible]



-A5



OUT01 1.1
OUT03 1.2
OUT05 1.3
OUT07 1.4
OUT02 2.1
OUT04 2.2
OUT06 2.3
OUT08 2.4

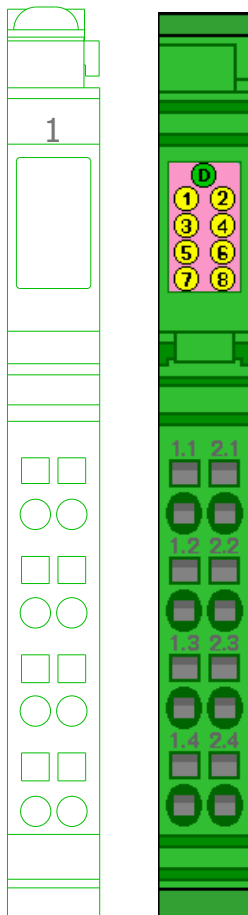
Q2.5	Comanda	Cmd_start_M1	/22.0
Q2.6	Comanda	Cmd_start_M2	/22.2
Q2.7	Comanda	Cmd_start_M3	/22.3
Q3.0	Comanda	Cmd_start_M4	/22.4
Q3.1	Comanda	Cmd_start_M5	/22.5
Q3.2	Comanda	Cmd_start_M6	/22.6
Q3.3	Comanda	Cmd_start_M7	/22.7
Q3.4	Comanda	Cmd_start_M8	/22.8

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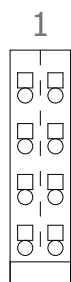
IB IL 24 DO 8/HD-ECO



-A6



IB IL 24 DO 8/HD-ECO



OUT01	1.1
OUT03	1.2
OUT05	1.3
OUT07	1.4
OUT02	2.1
OUT04	2.2
OUT06	2.3
OUT08	2.4

Q3.5	Comanda	Cmd_start_M9	/23.1
Q3.6	Comanda	Cmd_start_M10	/23.2
Q3.7	Comanda Motoare Ciur	Cmd_start_M11/M12	/23.3
Q4.0	Comanda	Cmd_start_????	/23.4
Q4.1	Comanda	Cmd_start_????	/23.6
Q4.2			
Q4.3			
Q4.4			

[illegible][illegible][illegible][illegible]

Device tag	Quantity	Designation	Type number	Supplier	Part number
	0				
-A0	1	Bus coupler	IL PN BK DI8 DO4 2TX-PAC	PXC	PXC.2703994
-A0	0				
-A1	1	Inline terminal	IB IL 24 DI8/HD-PAC	PXC	PXC.2700173
-A2	1	Inline terminal	IB IL 24 DI8/HD-PAC	PXC	PXC.2700173
-A3	1	Inline terminal	IB IL 24 DI8/HD-PAC	PXC	PXC.2700173
-A4	1	Inline terminal	IB IL 24 DI8/HD-PAC	PXC	PXC.2700173
-A5	1	Inline terminal	IB IL 24 DO 8/HD-ECO		PXC.2702793
-A6	1	Inline terminal	IB IL 24 DO 8/HD-ECO		PXC.2702793
-A6	0				
-A7	0				
-A8	0				
-A9	0				
-A11	0				
-A?	0				
-B1	1	Double actuator pushbutton, +indicator light, green I/white/red 0	M22-DDL-GR-X1/X0	ETN	ETN.M22-DDL-GR-X1/X0
-B2	1	Double actuator pushbutton, +indicator light, green I/white/red 0	M22-DDL-GR-X1/X0	ETN	ETN.M22-DDL-GR-X1/X0
-B3	1	Double actuator pushbutton, 1N/O+1N/C, + LED 85-264VAC, screw connection	M22-DDL-GR-X1/X0/K11/230-W	ETN	ETN.M22-DDL-GR-X1/X0/K11/230-W
-B4	1	Double actuator pushbutton, 1N/O+1N/C, + LED 85-264VAC, screw connection	M22-DDL-GR-X1/X0/K11/230-W	ETN	ETN.M22-DDL-GR-X1/X0/K11/230-W
-B5	1	Double actuator pushbutton, 1N/O+1N/C, + LED 85-264VAC, screw connection	M22-DDL-GR-X1/X0/K11/230-W	ETN	ETN.M22-DDL-GR-X1/X0/K11/230-W
-B6	1	Double actuator pushbutton, 1N/O+1N/C, + LED 85-264VAC, screw connection	M22-DDL-GR-X1/X0/K11/230-W	ETN	ETN.M22-DDL-GR-X1/X0/K11/230-W
-B7	1	Double actuator pushbutton, 1N/O+1N/C, + LED 85-264VAC, screw connection	M22-DDL-GR-X1/X0/K11/230-W	ETN	ETN.M22-DDL-GR-X1/X0/K11/230-W
-B8	1	Double actuator pushbutton, 1N/O+1N/C, + LED 85-264VAC, screw connection	M22-DDL-GR-X1/X0/K11/230-W	ETN	ETN.M22-DDL-GR-X1/X0/K11/230-W
-B9	1	Double actuator pushbutton, 1N/O+1N/C, + LED 85-264VAC, screw connection	M22-DDL-GR-X1/X0/K11/230-W	ETN	ETN.M22-DDL-GR-X1/X0/K11/230-W
-B10	1	Double actuator pushbutton, 1N/O+1N/C, + LED 85-264VAC, screw connection	M22-DDL-GR-X1/X0/K11/230-W	ETN	ETN.M22-DDL-GR-X1/X0/K11/230-W
-B11	1	Double actuator pushbutton, 1N/O+1N/C, + LED 85-264VAC, screw connection	M22-DDL-GR-X1/X0/K11/230-W	ETN	ETN.M22-DDL-GR-X1/X0/K11/230-W
-BU0	1	Emergency-stop pushbutton, non-illuminated, turn-release	M22-PVT	ETN	ETN.M22-PVT
-BU0	1	Contact element, 1N/O+1N/C, front mount, screw connection	M22-AK11	ETN	ETN.M22-AK11
-BU0	0				
-BU1	0				
-BU2	0				
-BU3	0				
-BU4	0				
-BU5	0				
-BU6	0				
-BU7	0				
-BU8	0				
-C3_1	0				
-C3_2	0				
-C3_3	0				
-C3_4	0				
-C3_5	0				
-C3_6	0				
-C3_7	0				
-C3_8	0				
-ES1	1	Safety relay emergency stop/protective door, 24VDC/AC, 3 enabling paths	ESR5-NO-31-24VAC-DC	ETN	ETN.ESR5-NO-31-24VAC-DC
-ES2	1	Safety relay emergency stop/protective door, 24VDC/AC, 3 enabling paths	ESR5-NO-31-24VAC-DC	ETN	ETN.ESR5-NO-31-24VAC-DC
-ES3	1	Safety relay emergency stop/protective door, 24VDC/AC, 3 enabling paths	ESR5-NO-31-24VAC-DC	ETN	ETN.ESR5-NO-31-24VAC-DC
-F1	1	Over current switch, 32A, 4p, B-Char, AC	FAZ-B32/4	ETN	ETN.FAZ-B32/4
-F2	1	Over current switch, 32A, 4p, B-Char, AC	FAZ-B32/4	ETN	ETN.FAZ-B32/4
-F3	1	Over current switch, 2A, 2p, C-Char, AC	PXL-C2/2	ETN	ETN.PXL-C2/2
-F3.1	1	Over current switch, 6A, 1p, C-Char, DC current	PXL-C6-DC	ETN	ETN.PXL-C6-DC
-F3.2	1	Over current switch, 6A, 1p, C-Char, DC current	PXL-C6-DC	ETN	ETN.PXL-C6-DC
-F4	1	Over current switch, 6A, 1Np, C-Char, AC	FAZ-PN-C6/1N	ETN	ETN.FAZ-PN-C6/1N
-F5	1	Over current switch, 16A, 1Np, C-Char, AC	FAZ-PN-C16/1N	ETN	ETN.FAZ-PN-C16/1N
-F6	1	Over current switch, 16A, 1Np, C-Char, AC	FAZ-PN-C16/1N	ETN	ETN.FAZ-PN-C16/1N

Device tag	Quantity	Designation	Type number	Supplier	Part number
-F7	1	Over current switch, 2A, 2p, C-Char, AC	PXL-C2/2	ETN	ETN.PXL-C2/2
-F8	1	Over current switch, 2A, 3p, C-Char, AC	PXL-C2/3	ETN	ETN.PXL-C2/3
-F9	1	Over current switch, 6A, 1p, C-Char, AC	PXL-C6/1	ETN	ETN.PXL-C6/1
-F10	1	Over current switch, 6A, 1p, C-Char, AC	PXL-C6/1	ETN	ETN.PXL-C6/1
-F11	1	Over current switch, 6A, 1p, C-Char, AC	PXL-C6/1	ETN	ETN.PXL-C6/1
-FAN_TE	0				
-G1	1	Power supply unit	TRIO-PS/1AC/24DC/10	PXC	PXC.2866323
-HL1	1	Monolithic pilot light Ø 22 - green - integral LED - 230V		SE	SE.XB7EV03MP
-HL2	1	Monolithic pilot light Ø 22 - green - integral LED - 230V		SE	SE.XB7EV03MP
-HL3	1	Monolithic pilot light Ø 22 - green - integral LED - 230V		SE	SE.XB7EV03MP
-K1	1	Contacto ​ r, 3p+1N/C, 4kW/400V/AC3	DILM9-01(24VDC)	ETN	ETN.DILM9-01(24VDC)
-K1	1	Auxiliary contact module, 3N/O+1N/C, surface mounting, screw connection	DILA-XHI31	ETN	ETN.DILA-XHI31
-K01	1	Contacto ​ r TeSys CAD-50 - 5 NO + 0 NC - 10A - 24 VDC,screw-clamps terminals	CAD 5NO 24VDC	SE	SE.CAD50BD
-K01	1	Auxiliary contact block, TeSys Deca, 4NO, front mounting, screw clamp terminals	LADN40	SE	SE.LADN40
-K2	1	Contacto ​ r, 3p+1N/C, 4kW/400V/AC3	DILM9-01(24VDC)	ETN	ETN.DILM9-01(24VDC)
-K2	1	Auxiliary contact module, 3N/O+1N/C, surface mounting, screw connection	DILA-XHI31	ETN	ETN.DILA-XHI31
-K02	1	Contacto ​ r TeSys CAD-50 - 5 NO + 0 NC - 10A - 24 VDC,screw-clamps terminals	CAD 5NO 24VDC	SE	SE.CAD50BD
-K02	1	Auxiliary contact block, TeSys Deca, 4NO, front mounting, screw clamp terminals	LADN40	SE	SE.LADN40
-K03	1	Contacto ​ r TeSys CAD-50 - 5 NO + 0 NC - 10A - 24 VDC,screw-clamps terminals	CAD 5NO 24VDC	SE	SE.CAD50BD
-K03	1	Auxiliary contact block, TeSys Deca, 4NO, front mounting, screw clamp terminals	LADN40	SE	SE.LADN40
-LP_Tablou1	1				STE.02540.0-03
-LP_Tablou2	1				STE.02540.0-03
-LS	1				ETN.LS-11
-M1/B-02	0				
-M2/B-03	0				
-M3/B-04	0				
-M4/B-06	0				
-M5/B-07	0				
-M6/B-08	0				
-M7/B-12	0				
-M8/B-13	0				
-M9/B-14	0				
-M10/B-15	0				
-M11	0				
-M12	0				
-PRIZA_SERVICE1	0				
-PRIZA_SERVICE2	0				
-PRS_1	0				
-PRS_2	0				
-Q0	1	Switch-disconnector Compact INS160 - 4 poles - 160 A	28913	SE	SE.28913
-Q1	1	Motor circuit breaker, TeSys Deca, 3P, 9-14 A, thermal magnetic, screw clamp terminals	GV2ME16	SE	SE.GV2ME16
-Q1	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q1	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q2	1	Motor circuit breaker, TeSys Deca, 3P, 6-10 A, thermal magnetic, screw clamp terminals	GV2ME14	SE	SE.GV2ME14
-Q2	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q2	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q3	1	Motor circuit breaker, TeSys Deca, 3P, 9-14 A, thermal magnetic, screw clamp terminals	GV2ME16	SE	SE.GV2ME16
-Q3	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q3	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q4	1	Motor circuit breaker, TeSys Deca, 3P, 9-14 A, thermal magnetic, screw clamp terminals	GV2ME16	SE	SE.GV2ME16
-Q4	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q4	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q5	1	Motor circuit breaker, TeSys Deca, 3P, 9-14 A, thermal magnetic, screw clamp terminals	GV2ME16	SE	SE.GV2ME16
-Q5	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q5	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q6	1	Motor circuit breaker, TeSys Deca, 3P, 9-14 A, thermal magnetic, screw clamp terminals	GV2ME16	SE	SE.GV2ME16

Parts list

F01_001

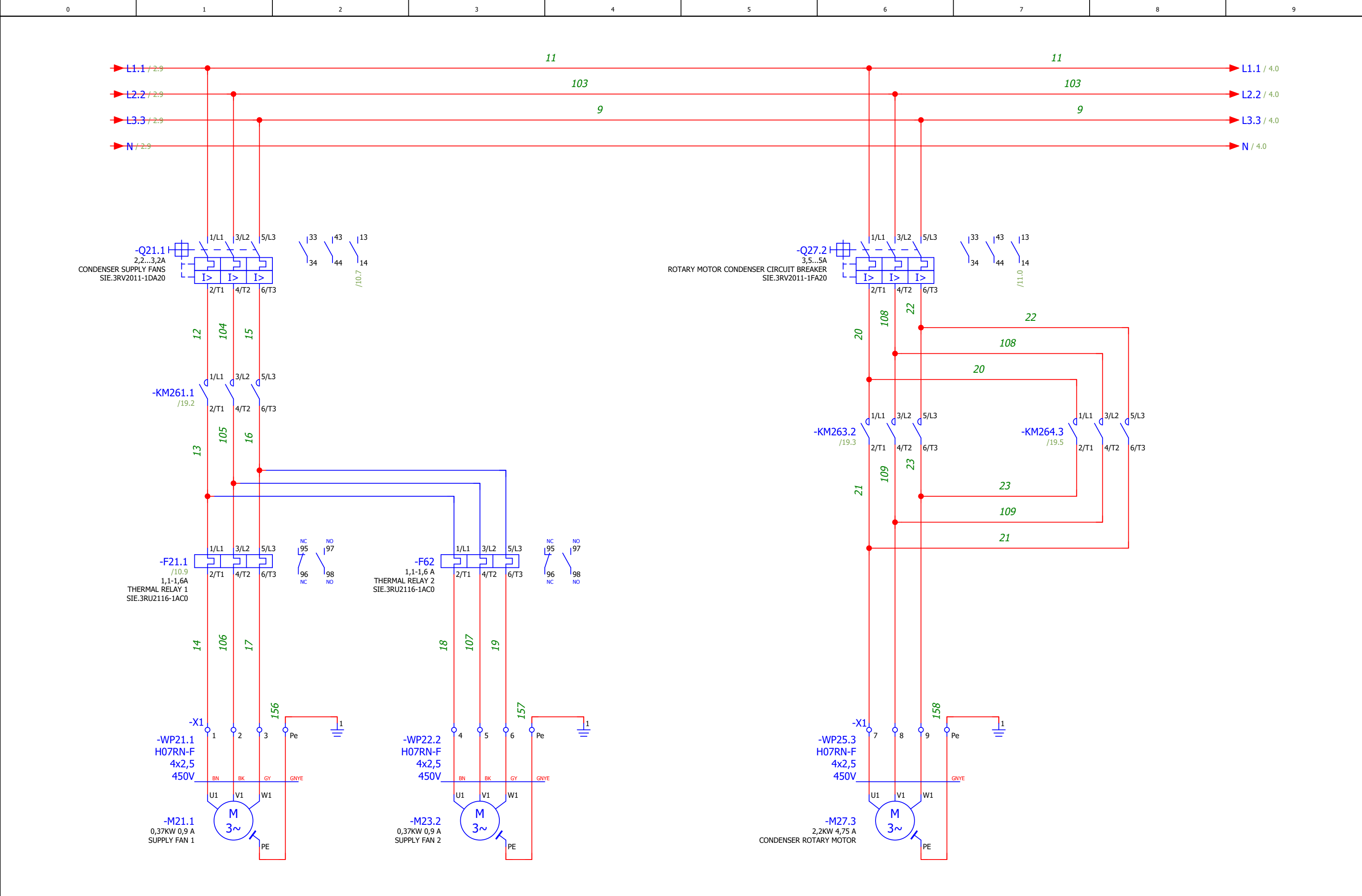
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-Q6	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q6	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q7	1	Motor circuit breaker, TeSys Deca, 3P, 6-10 A, thermal magnetic, screw clamp terminals	GV2ME14	SE	SE.GV2ME14
-Q7	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q7	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q8	1	Motor circuit breaker, TeSys Deca, 3P, 9-14 A, thermal magnetic, screw clamp terminals	GV2ME16	SE	SE.GV2ME16
-Q8	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q8	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q9	1	Motor circuit breaker, TeSys Deca, 3P, 6-10 A, thermal magnetic, screw clamp terminals	GV2ME14	SE	SE.GV2ME14
-Q9	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q9	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q10	1	Motor circuit breaker, TeSys Deca, 3P, 6-10 A, thermal magnetic, screw clamp terminals	GV2ME14	SE	SE.GV2ME14
-Q10	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q10	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q11	1	Motor circuit breaker, TeSys Deca, 3P, 24-32 A, thermal magnetic, screw clamp terminals	GV2ME32	SE	SE.GV2ME32
-Q11	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q11	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q12	1	Motor circuit breaker, TeSys Deca, 3P, 17-23 A, thermal magnetic, screw clamp terminals	GV2ME21	SE	SE.GV2ME21
-Q12	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q12	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q13	1	Motor circuit breaker, TeSys Deca, 3P, 17-23 A, thermal magnetic, screw clamp terminals	GV2ME21	SE	SE.GV2ME21
-Q13	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q13	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-R1	0				
-R1	1	Relay Module	RIF-2-RSC-LDP-24DC/4X21	PXC	PXC.2903320
-R2	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-R3	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-R4	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-R5	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-R6	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-R7	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-R8	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-R11	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-RM	1	Monitoring relay, 3 phase + neutral AC line monitoring - AC (50/60 Hz) - 380...415 V	70.41.8.400.2030	FIN	FIN.70.41.8.400.2030
-RQ1	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ1	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ2	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ2	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ3	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ3	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ4	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ4	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ5	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ5	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ6	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ6	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ7	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ7	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ8	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ8	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ9	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ9	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ10	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ10	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ11	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ11	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05



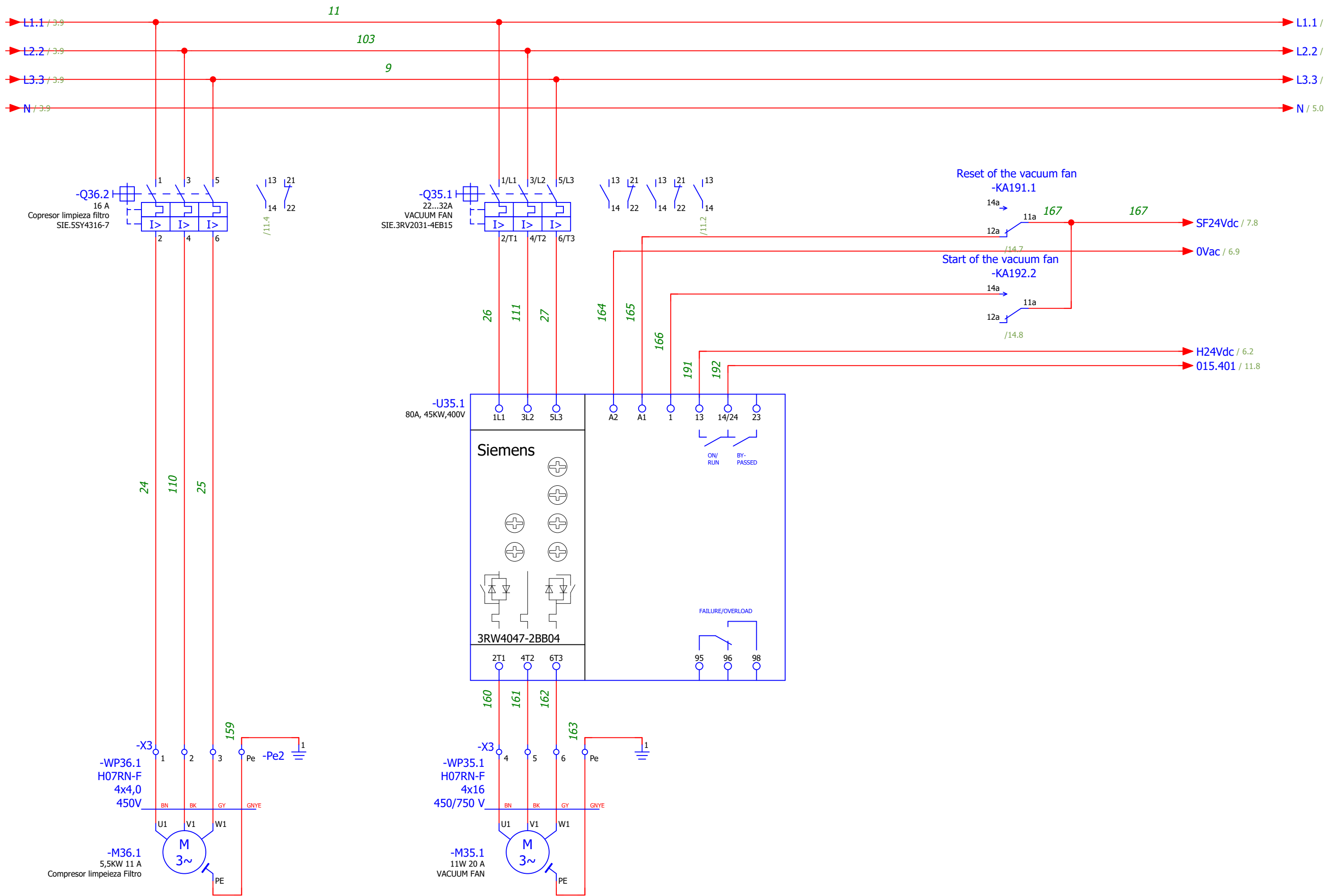
SC TEHNIMARKET SRL

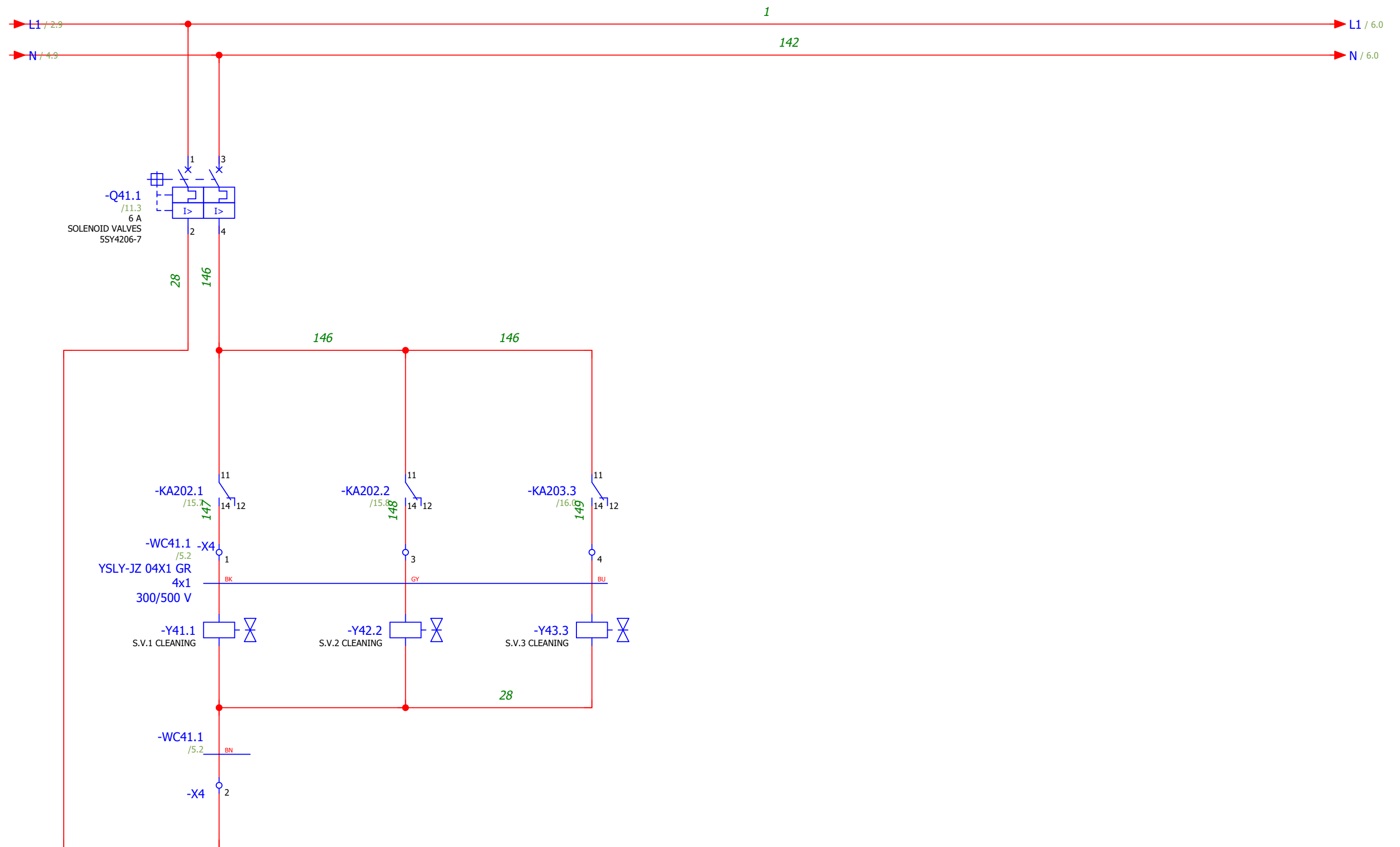
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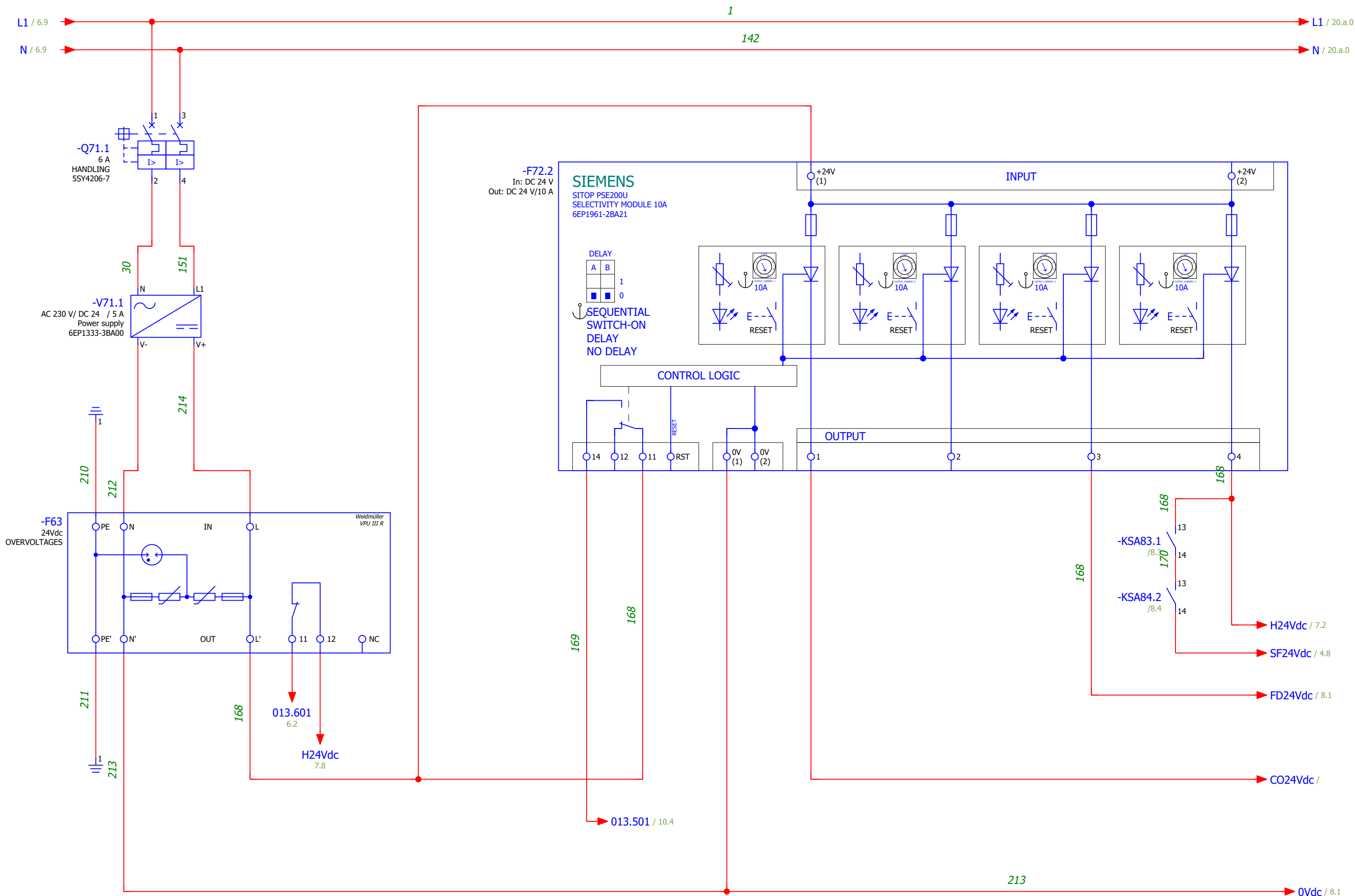
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Project description	TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3
Job number	IEC_bas001
Commission	EPLAN
Manufacturer (company)	SC TEHNIMARKET SRL
Path	EPLAN sample project
Project name	TE_3_Separator aeraulic_benzi_B16_B32
Make	
Type	
Place of installation	
Responsible for project	
Part feature	
Created on	31/07/2023
Edit date	24/08/2023
	by (short name) Nelu
	Number of pages 81

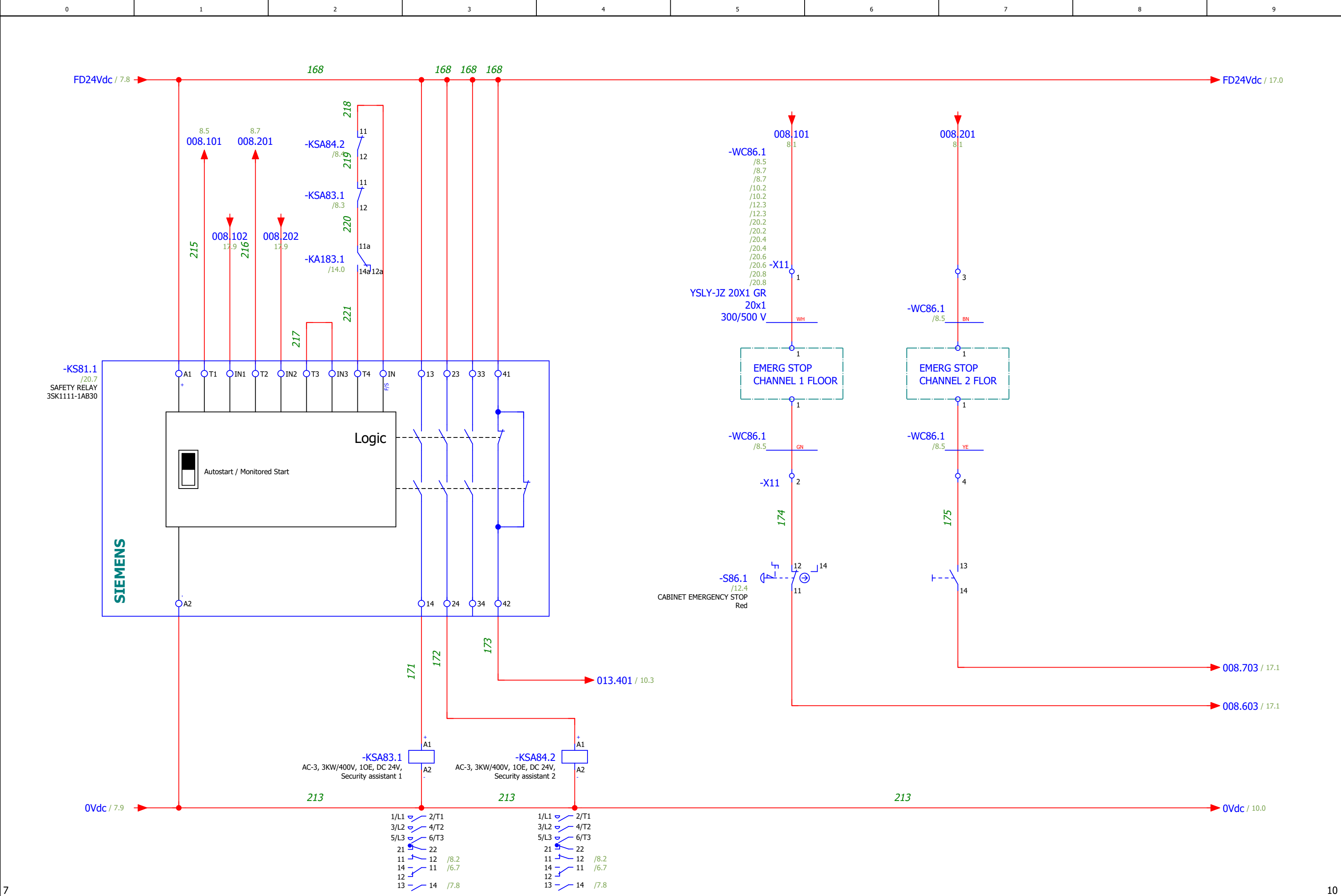


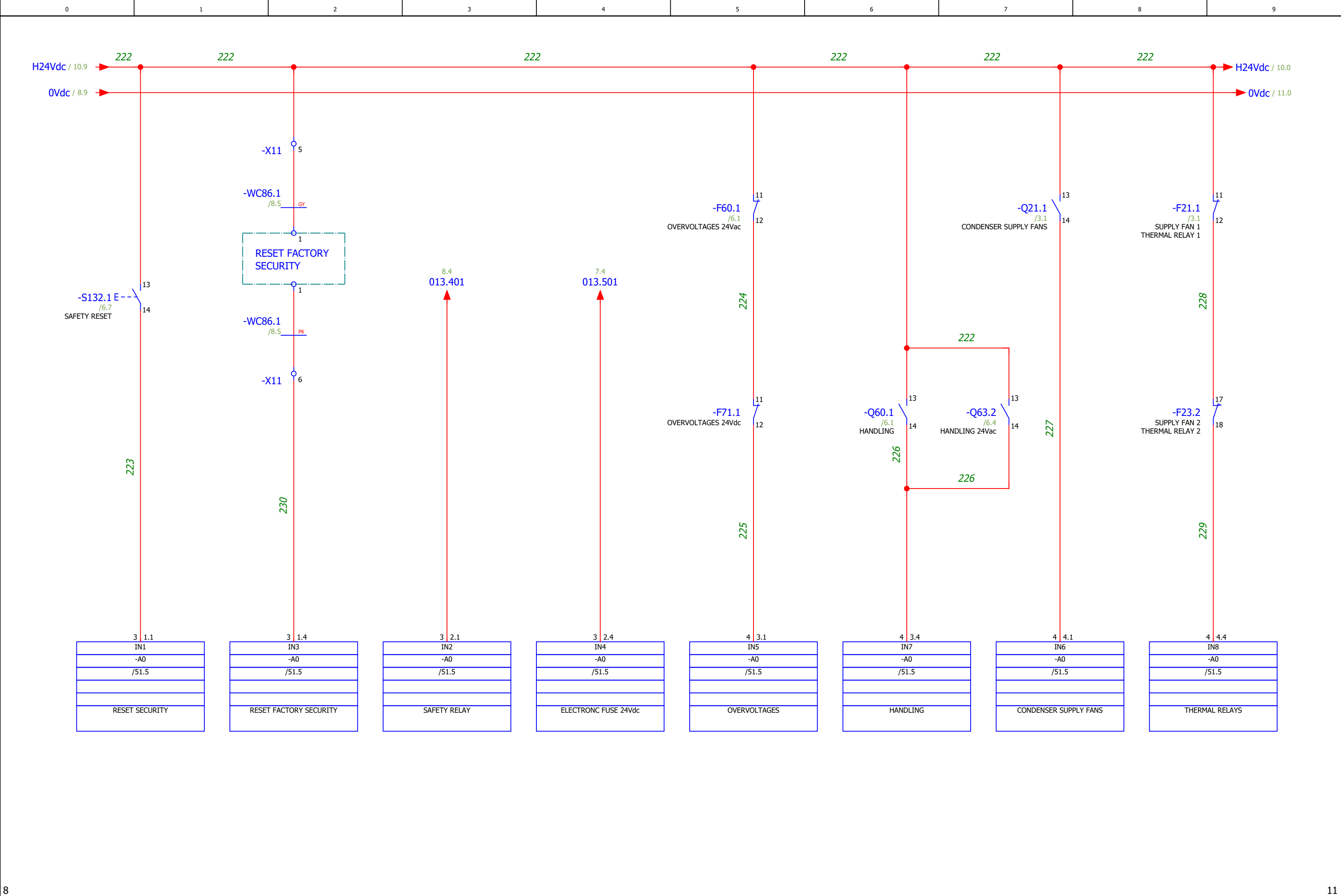
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Modification	Date	Name	Original		Replacement of	Replaced by				IEC_bas001	Page 3 / 81

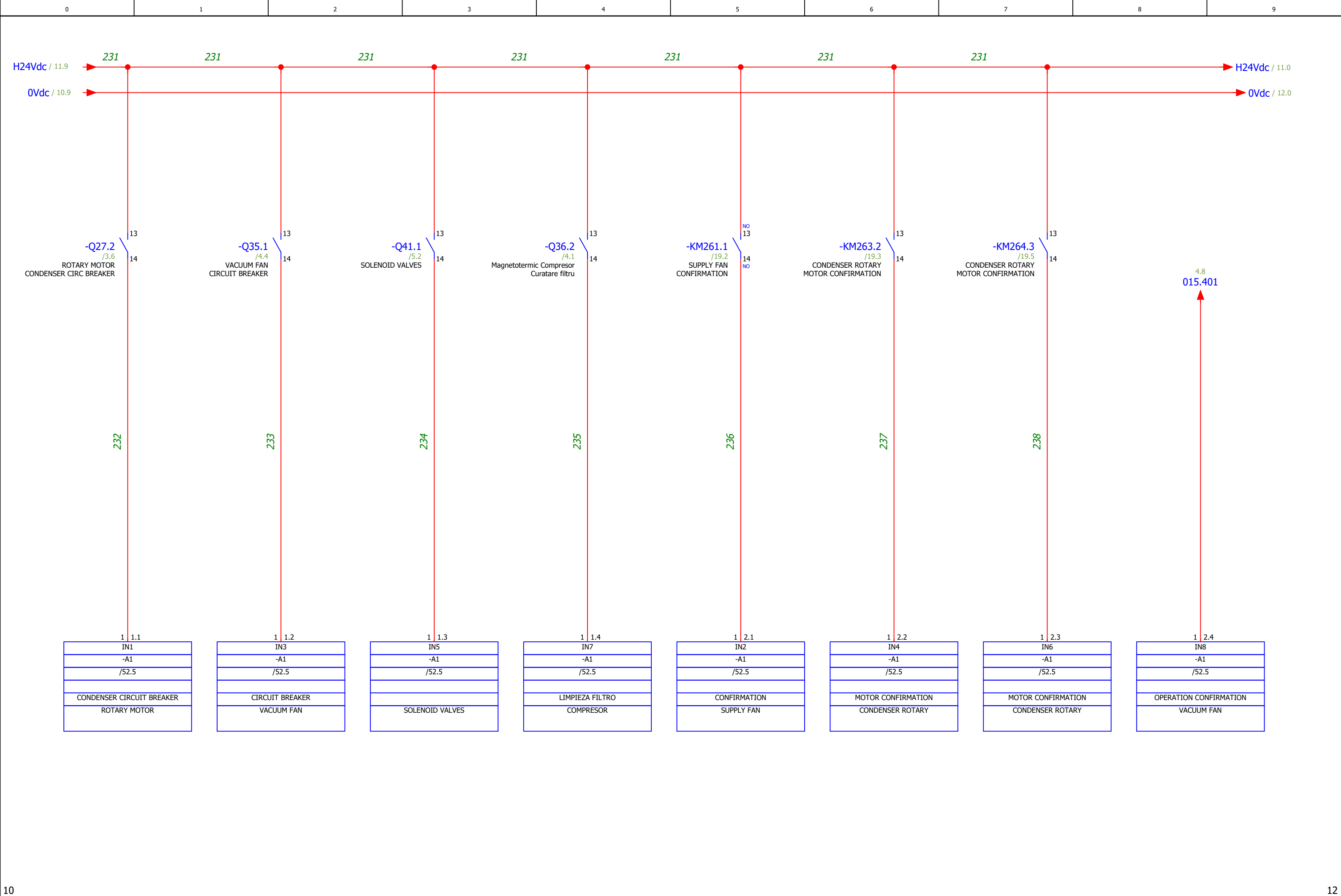


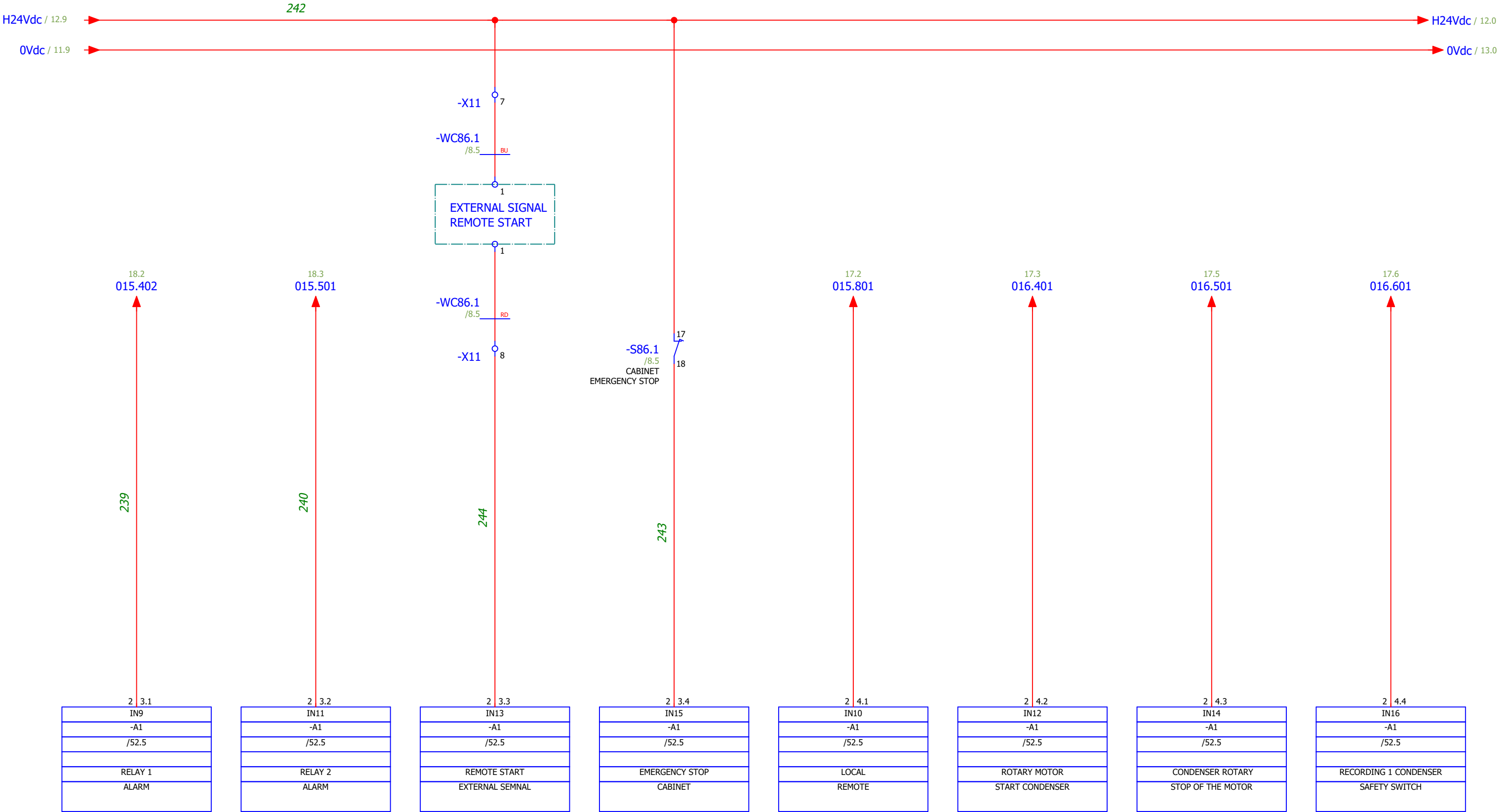


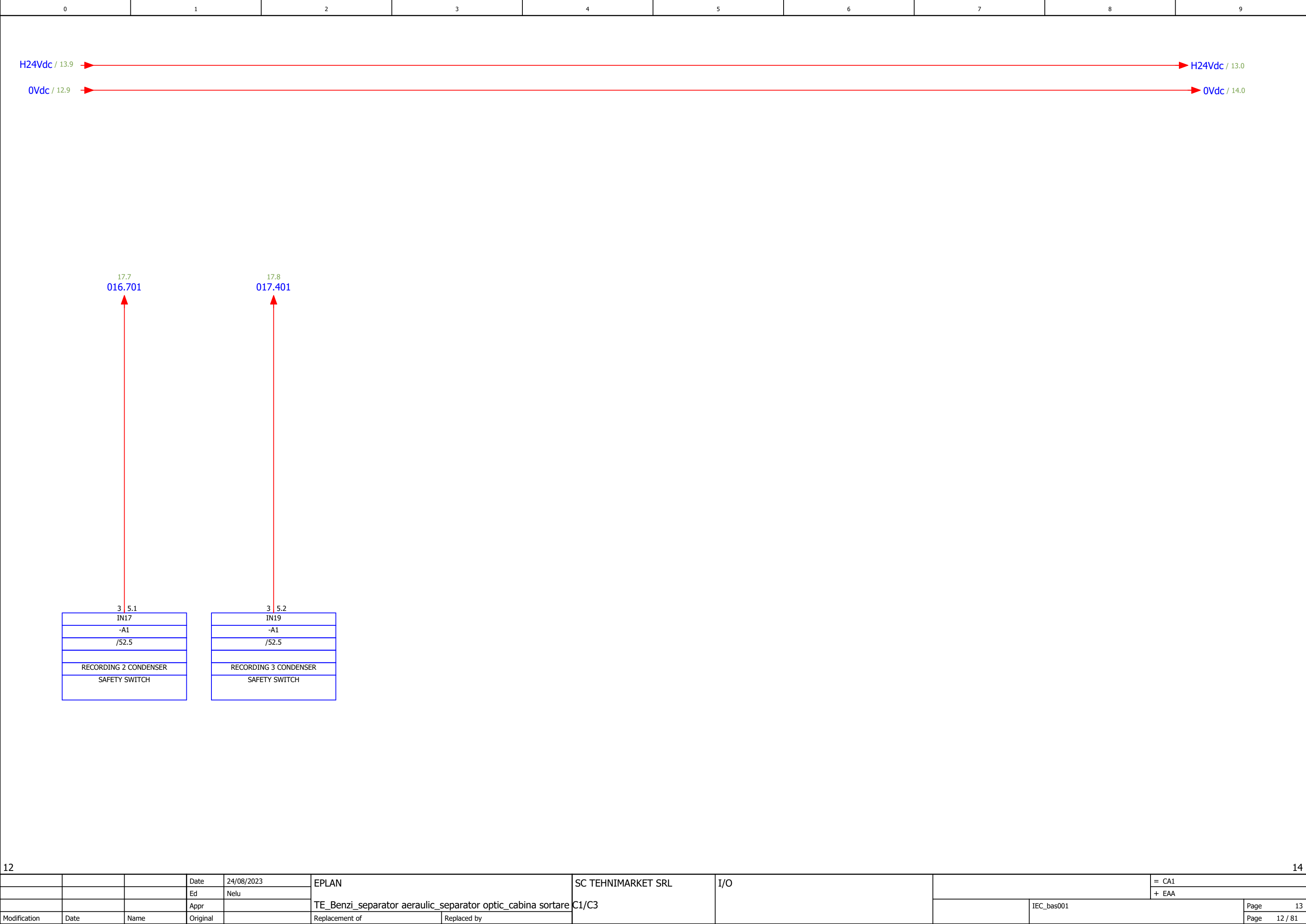


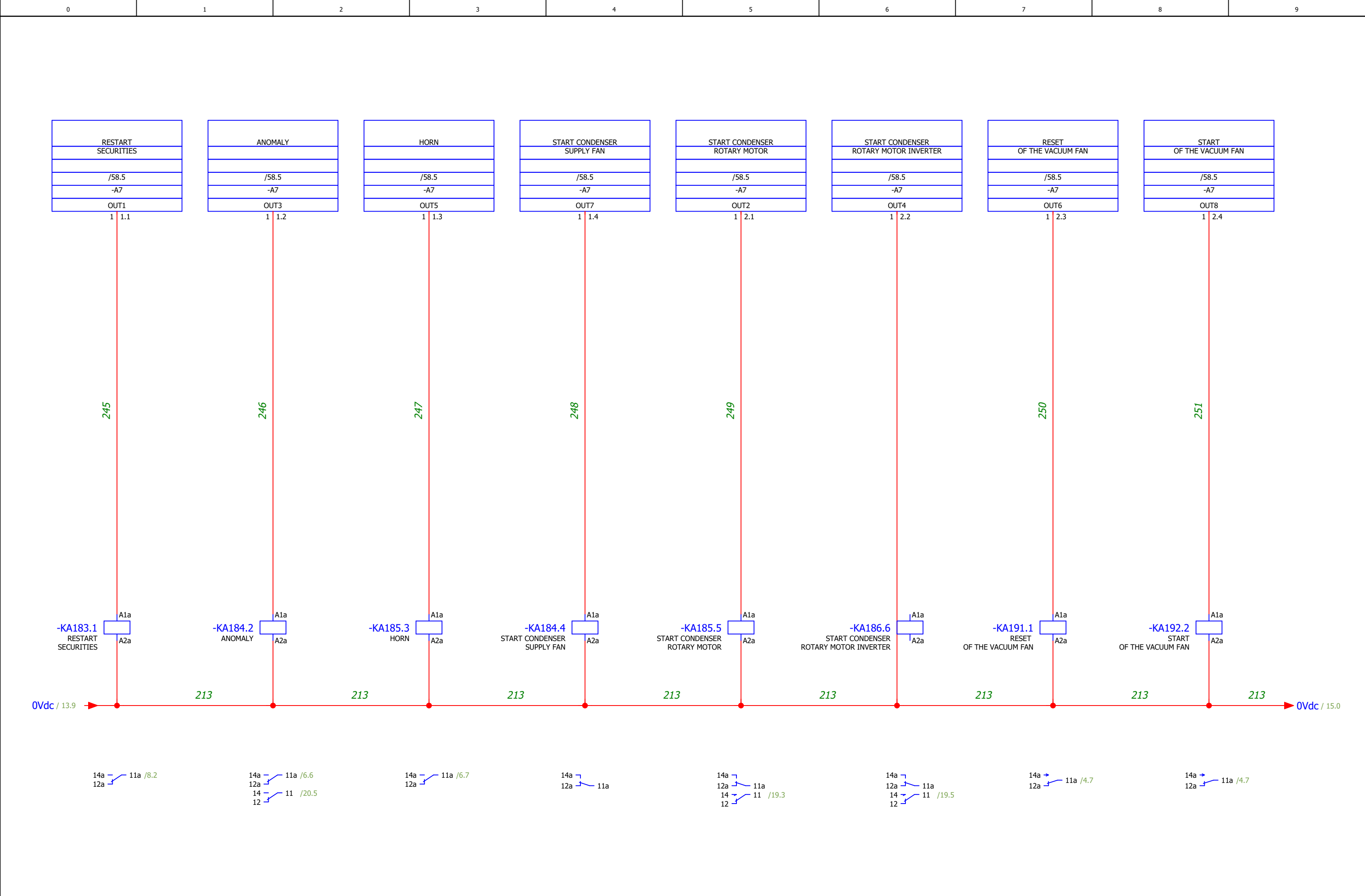


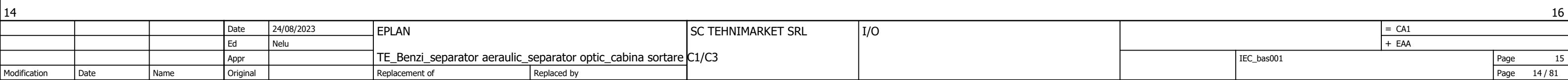


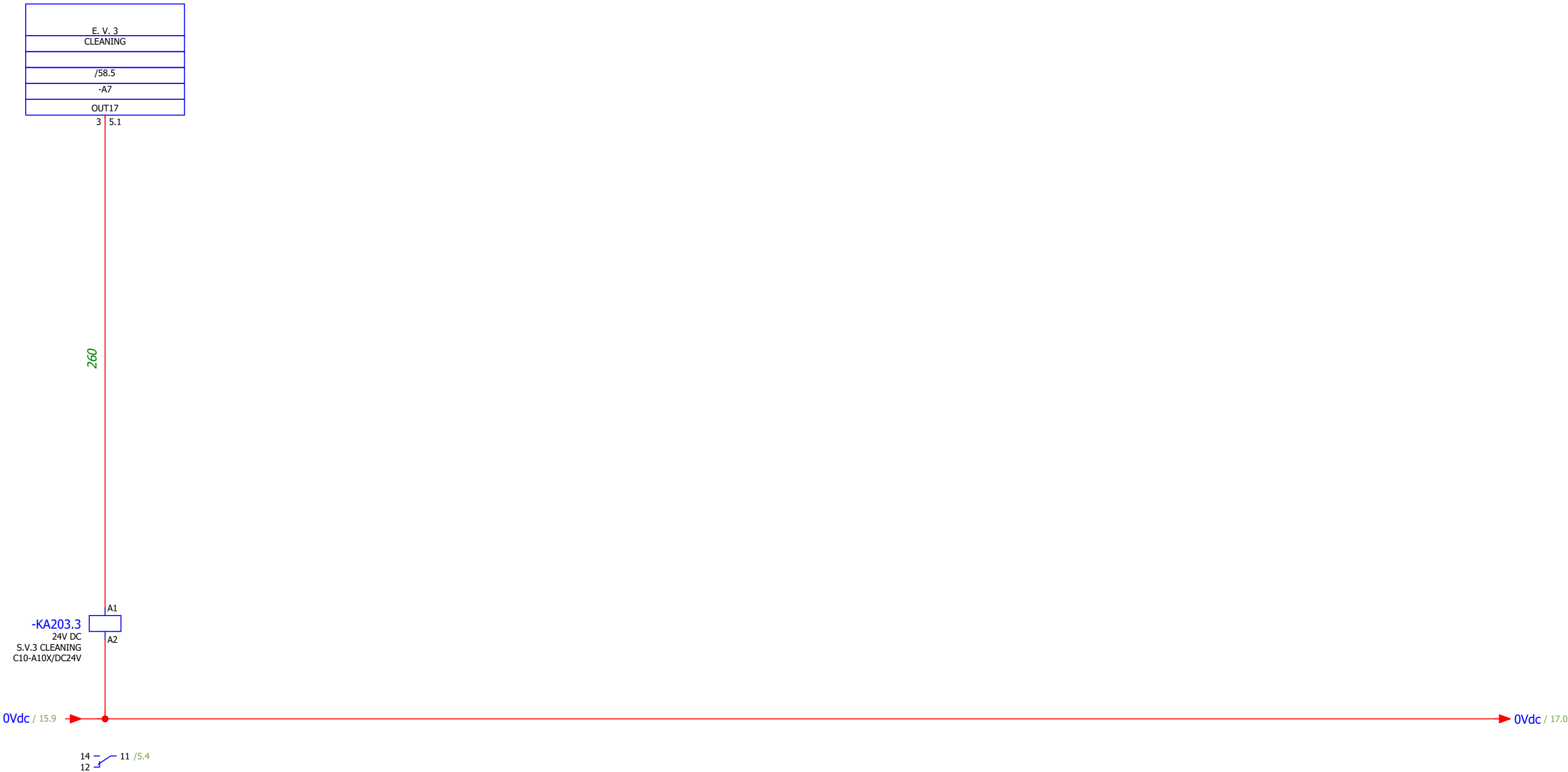


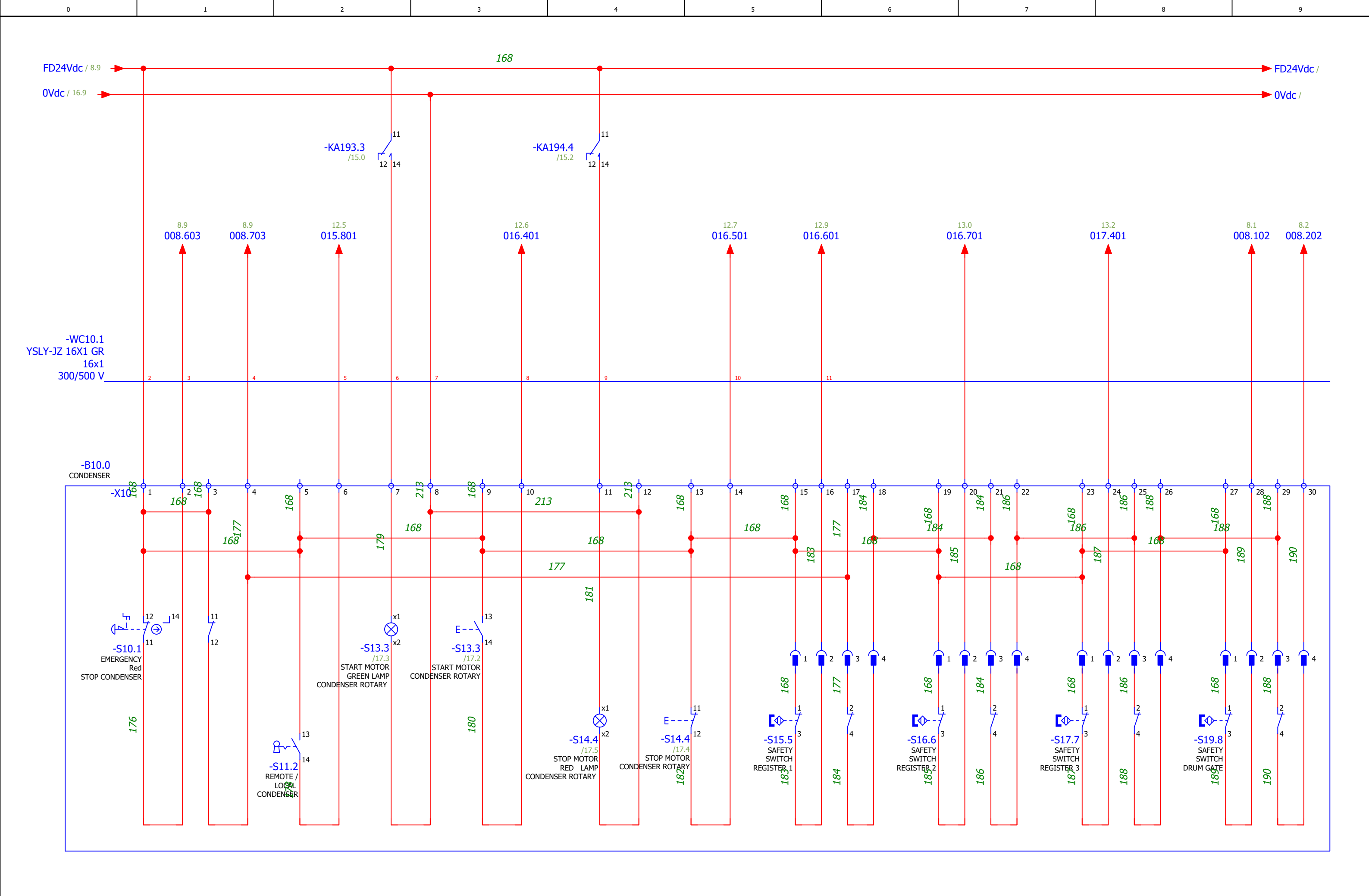




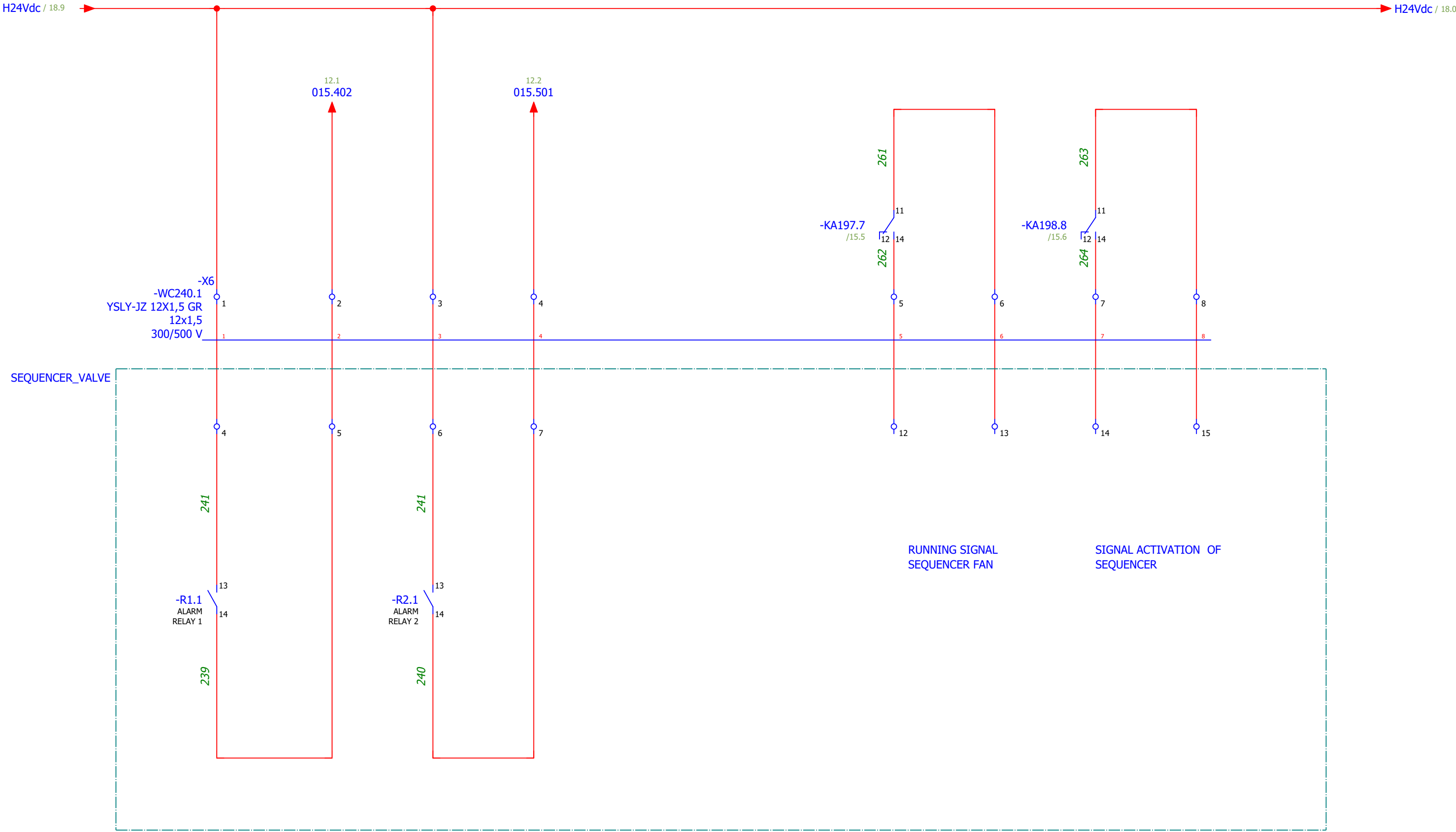


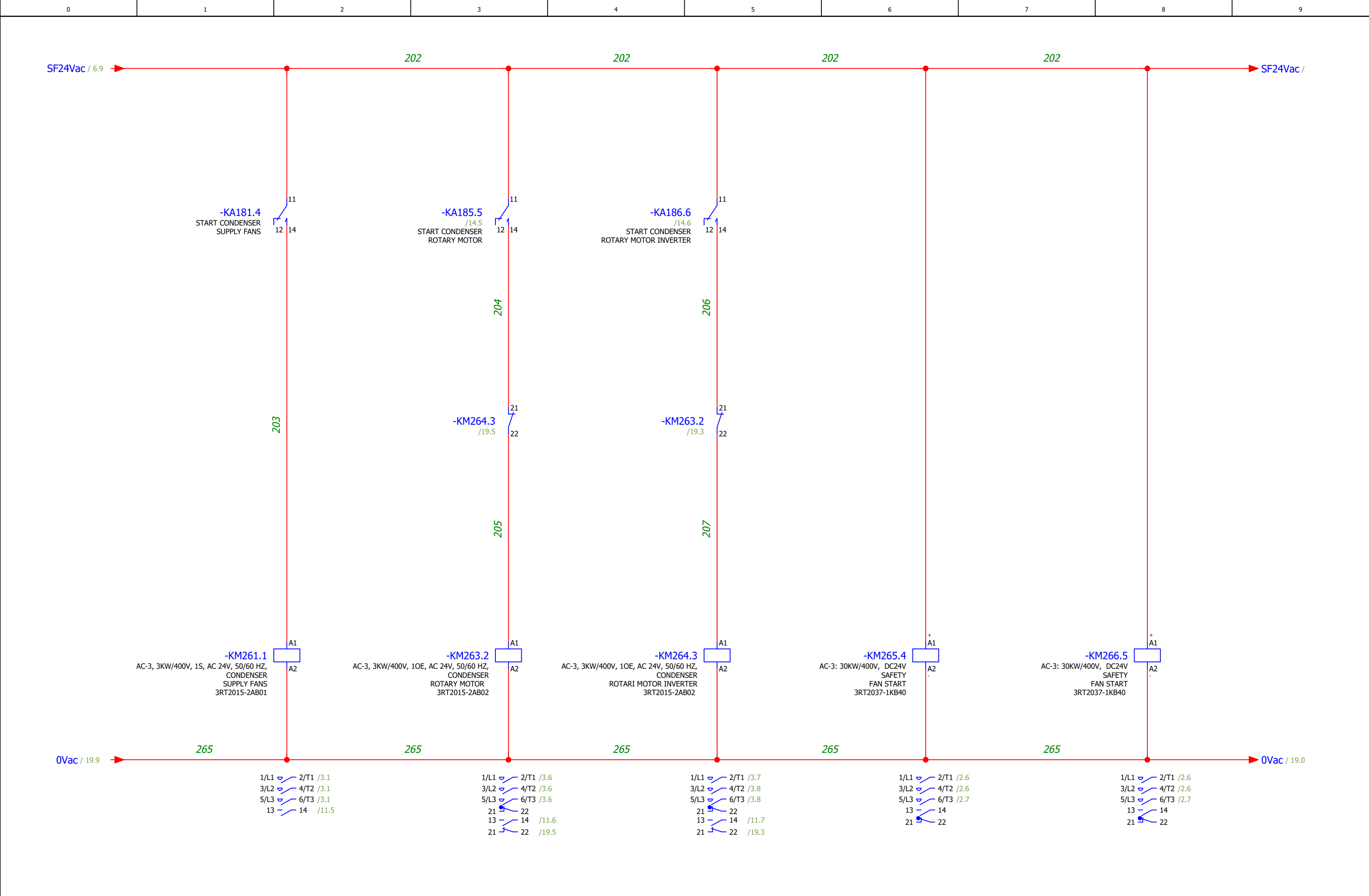


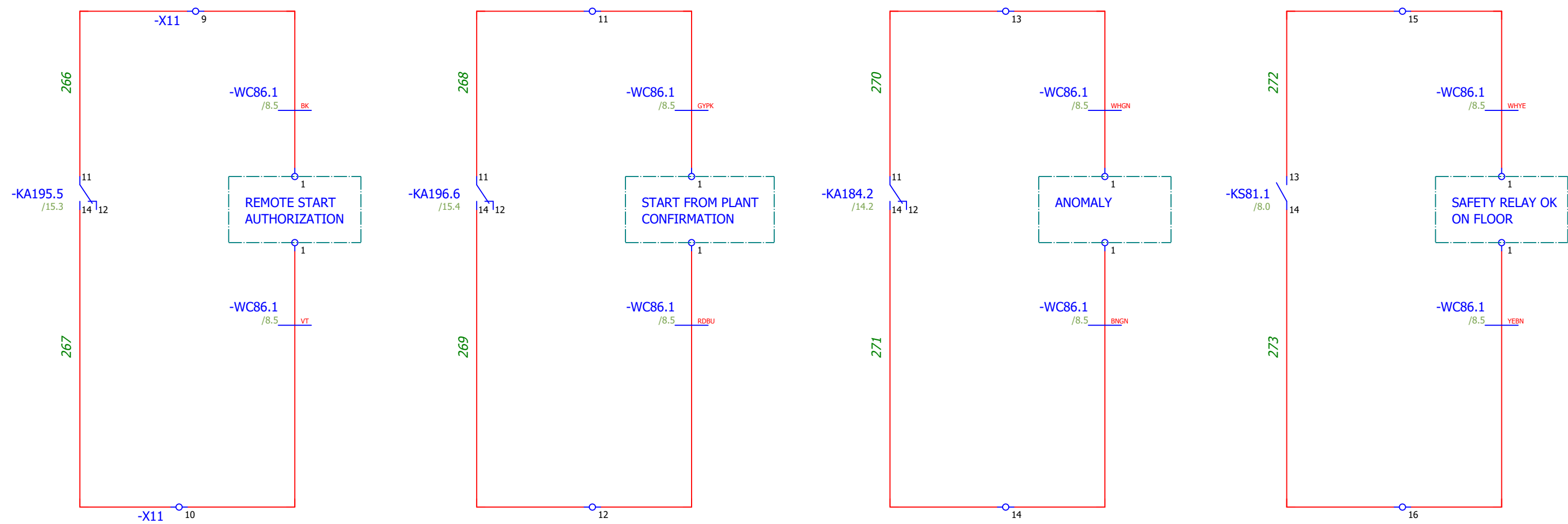




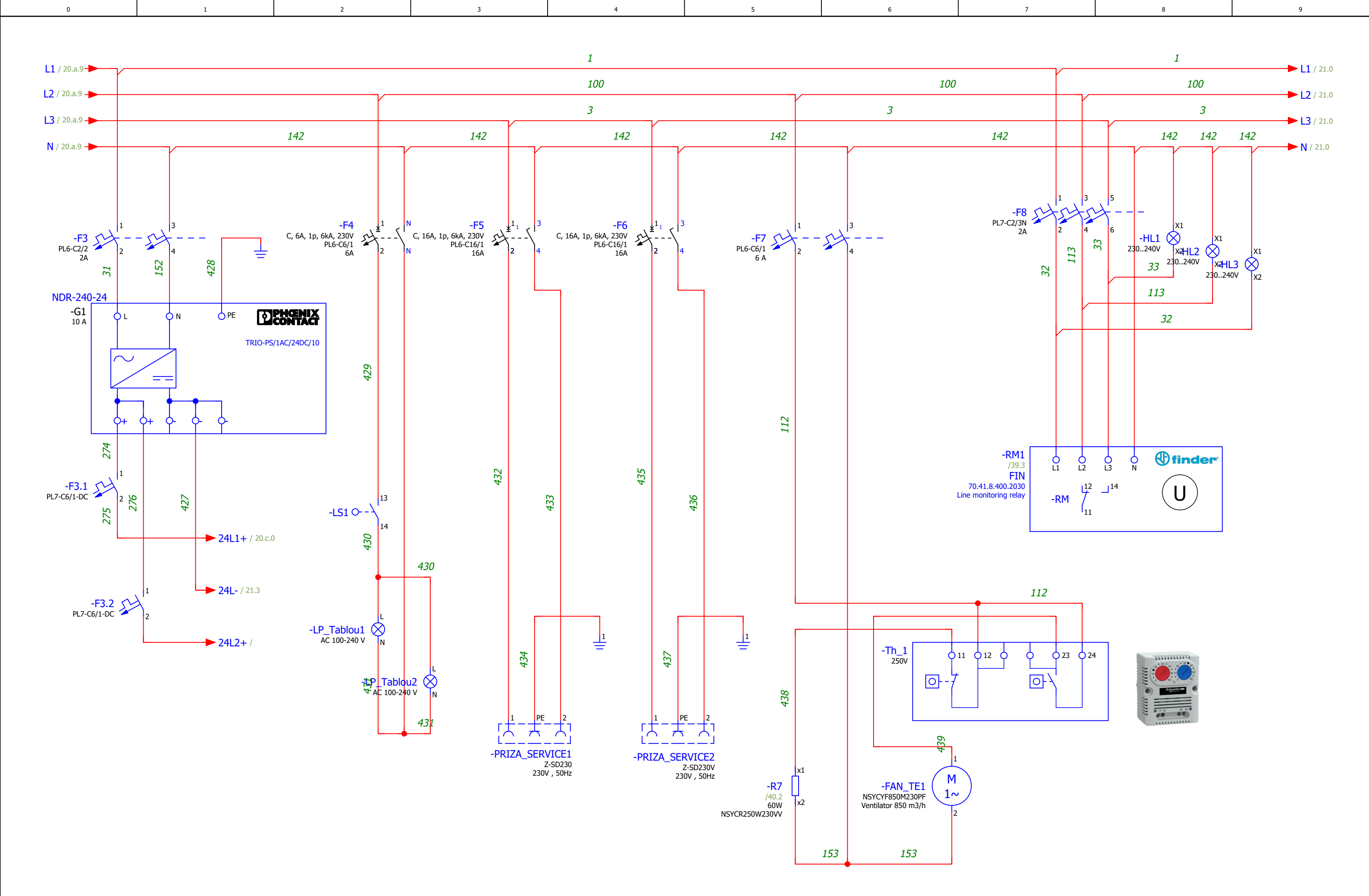
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Modification	Date	Name	Original		Replacement of		Replaced by				IEC_bas001			Page 17		
														Page 16 / 81		

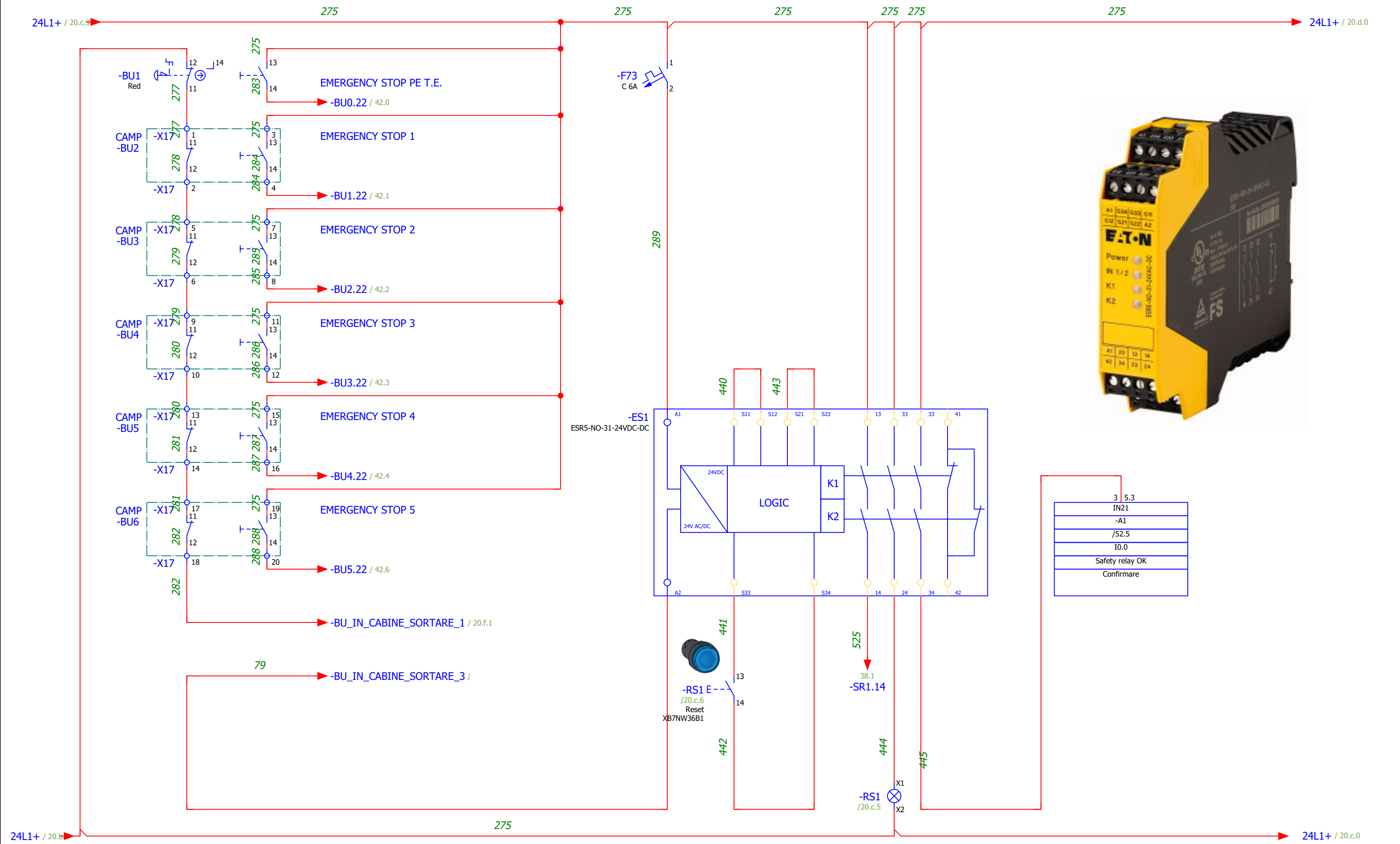


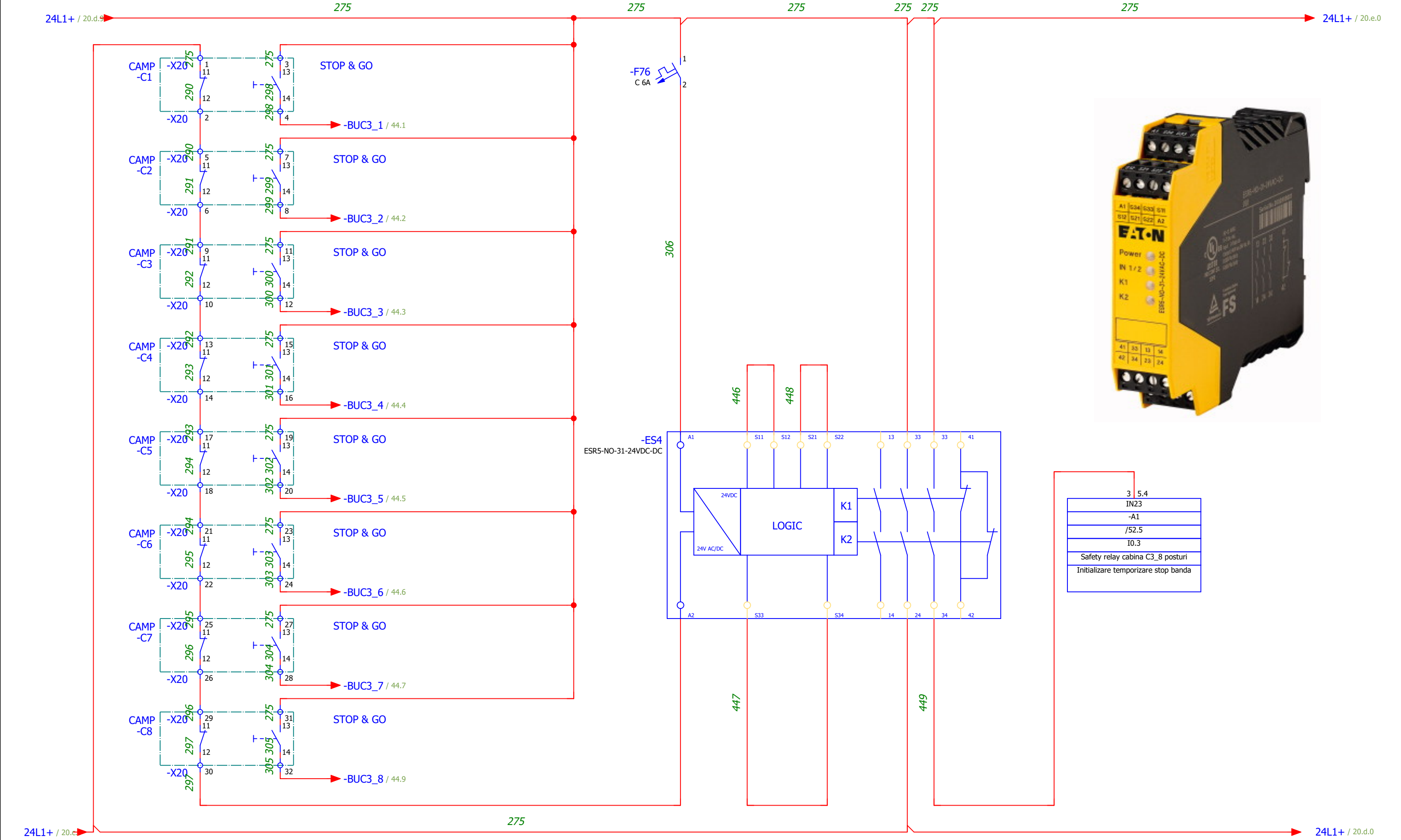




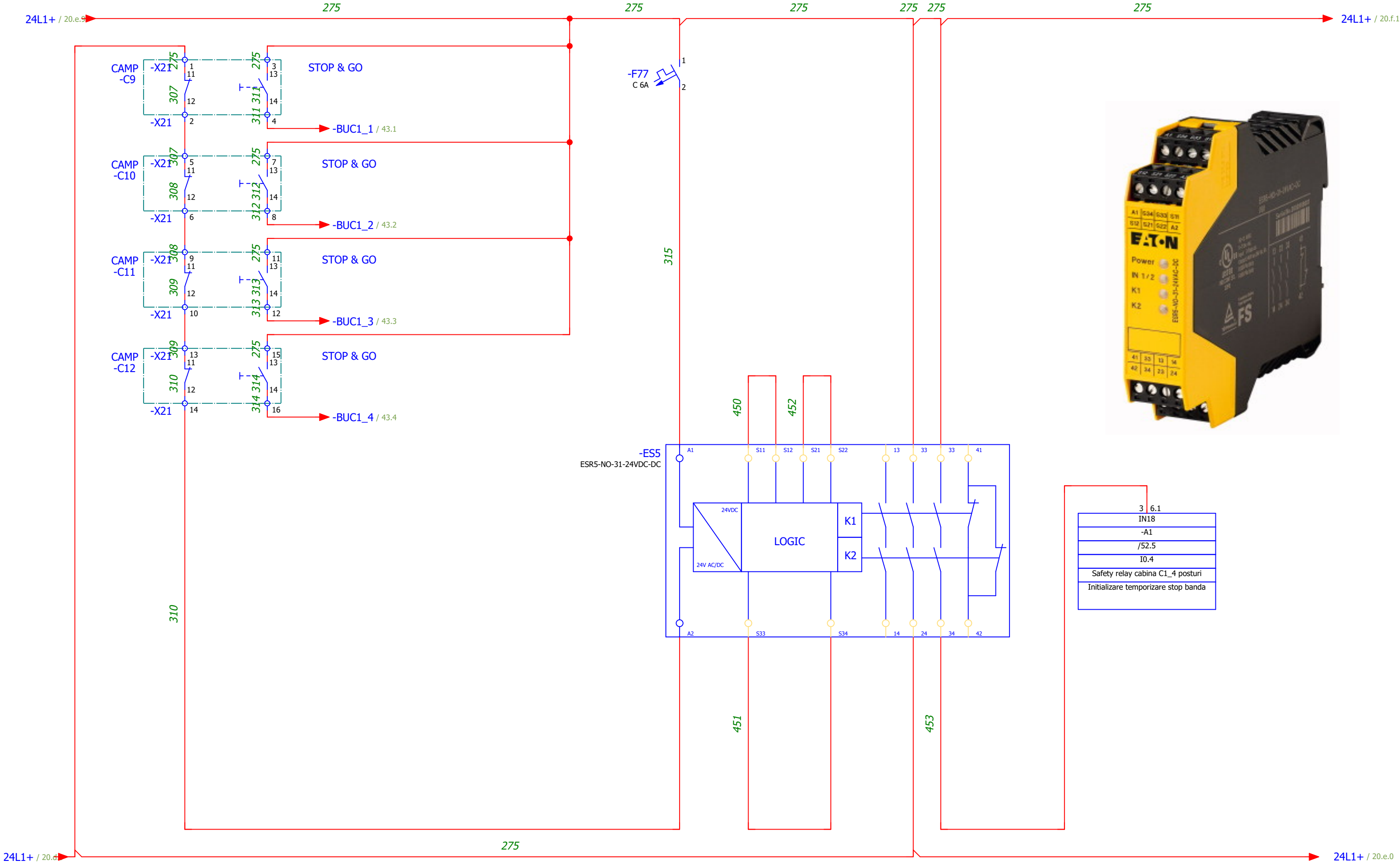
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Modification	Date	Name	Original		Replacement of		Replaced by					Page	19 / 81







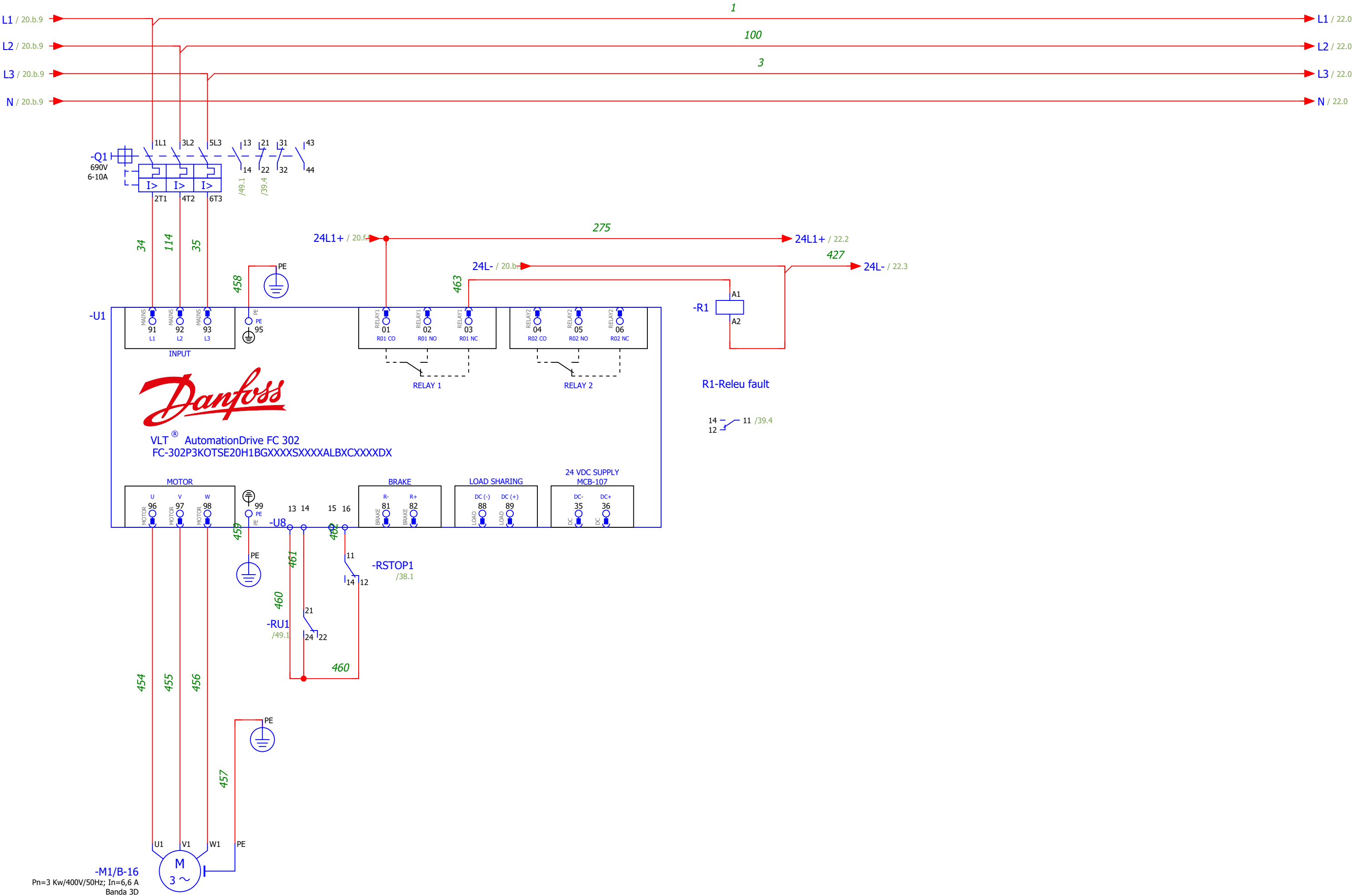
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Modification	Date	Name	Original		Replacement of	Replaced by					Page	23 / 81

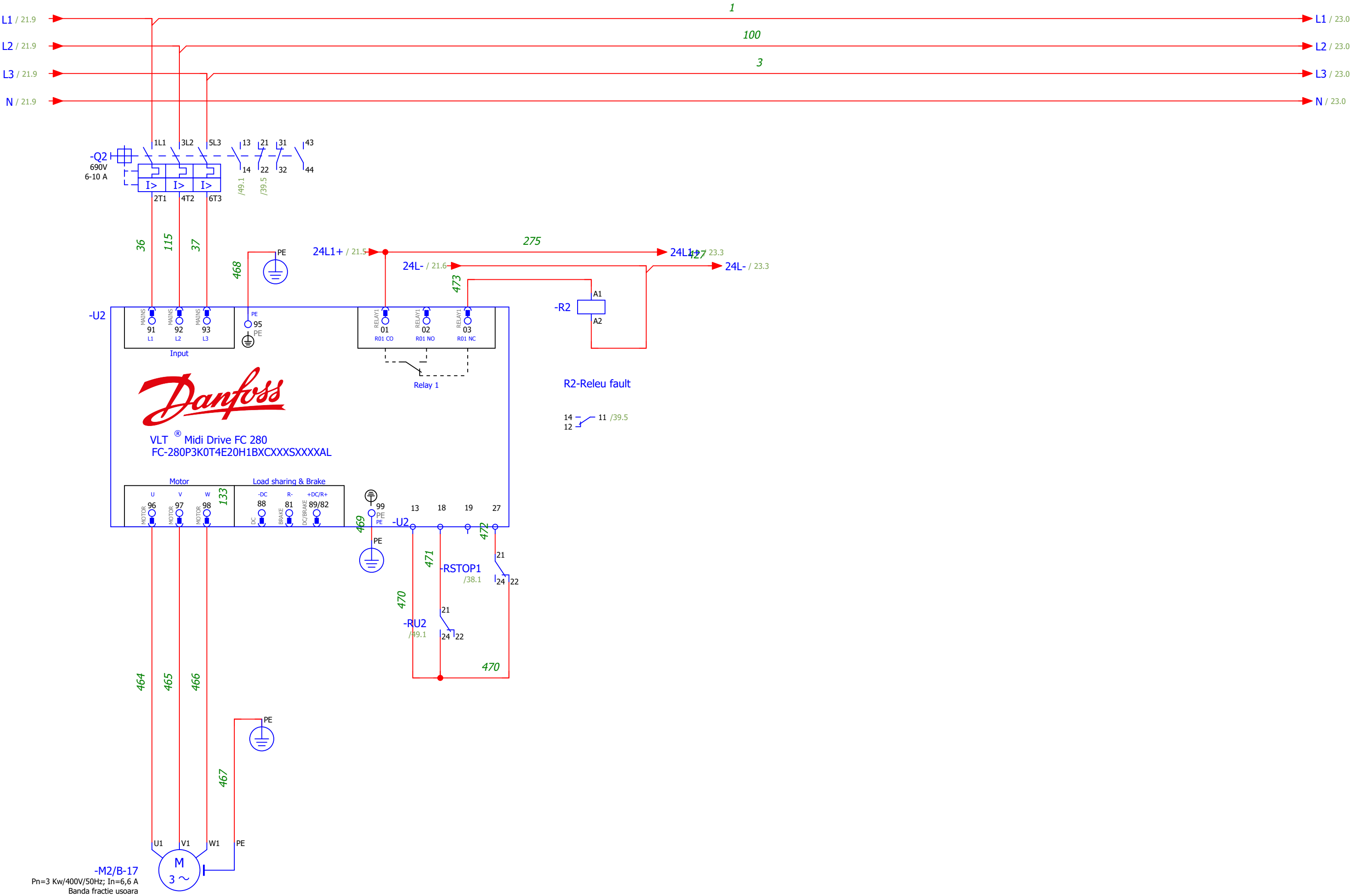




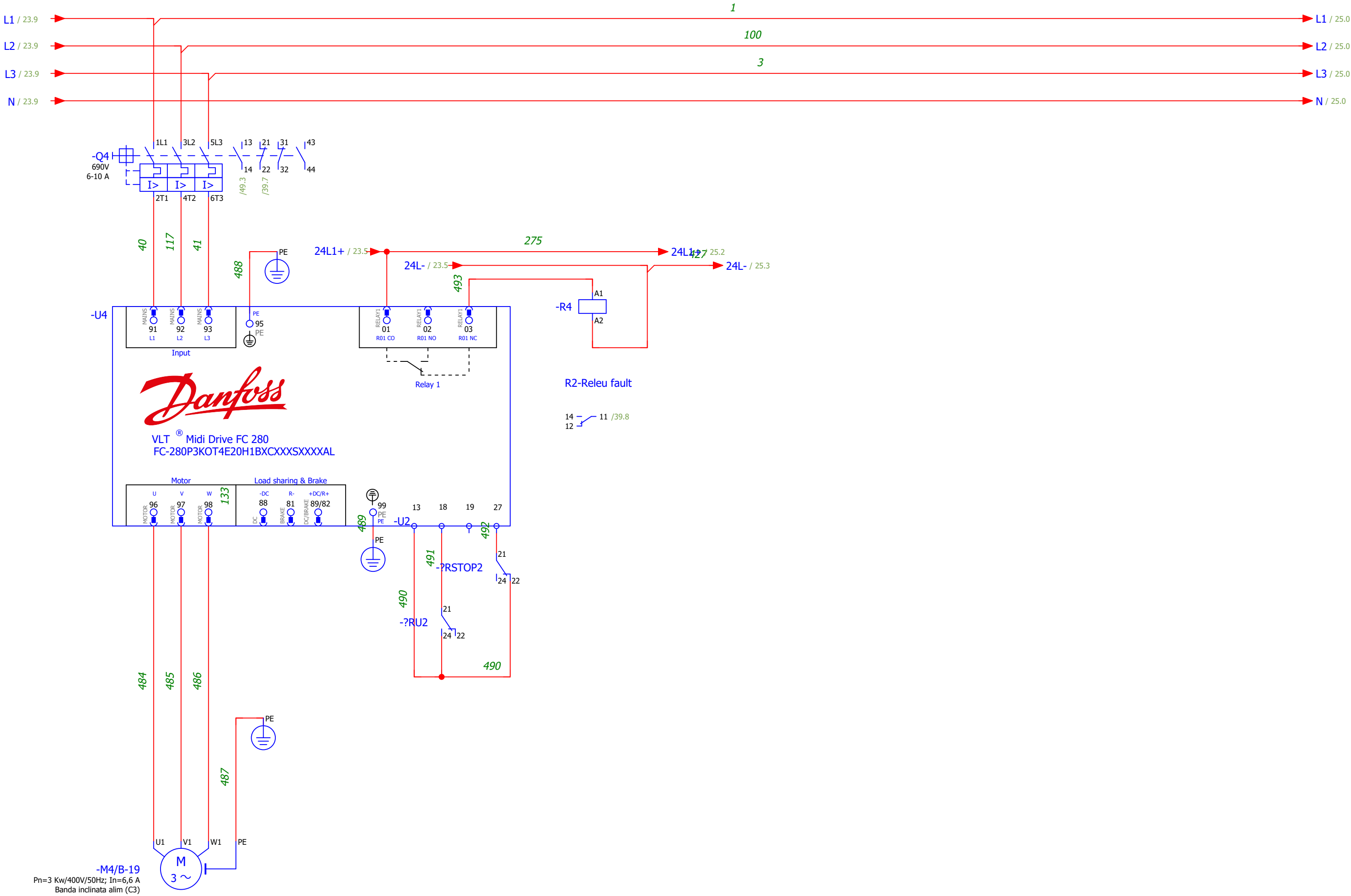
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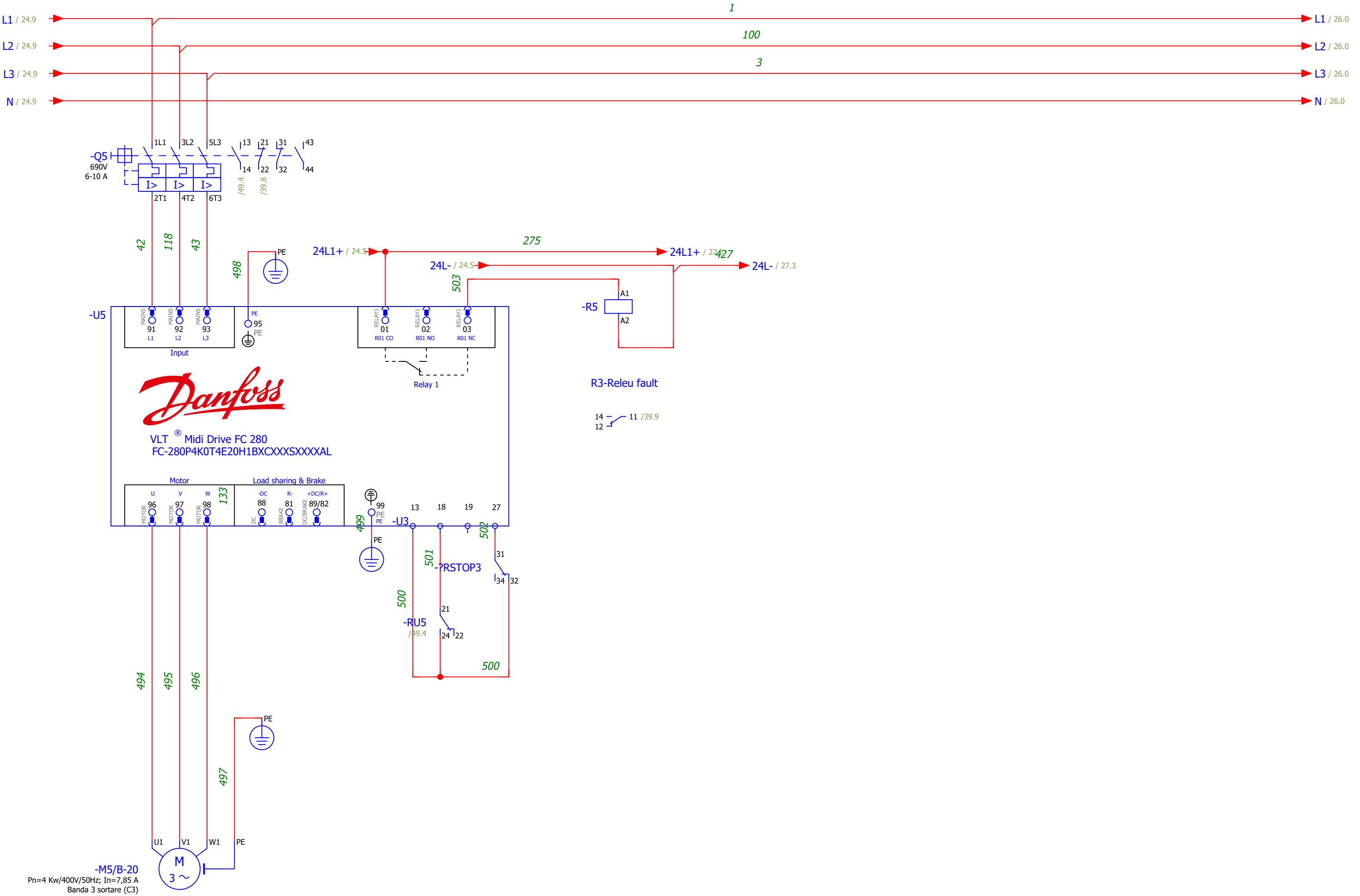
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			Appr									
			Original		TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3						Page	20.f
Modification	Date	Name			Replacement of	Replaced by					Page	25 / 81



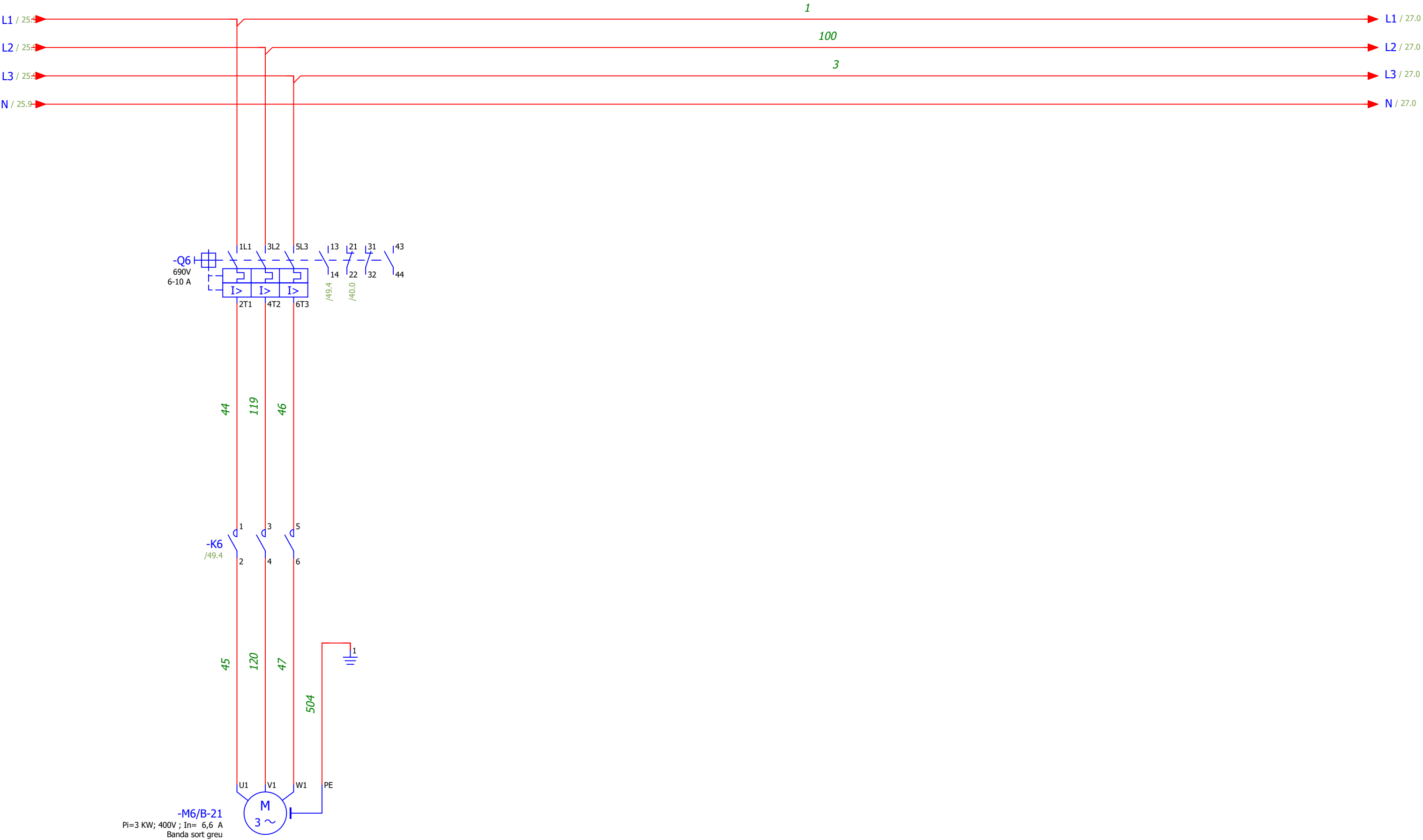


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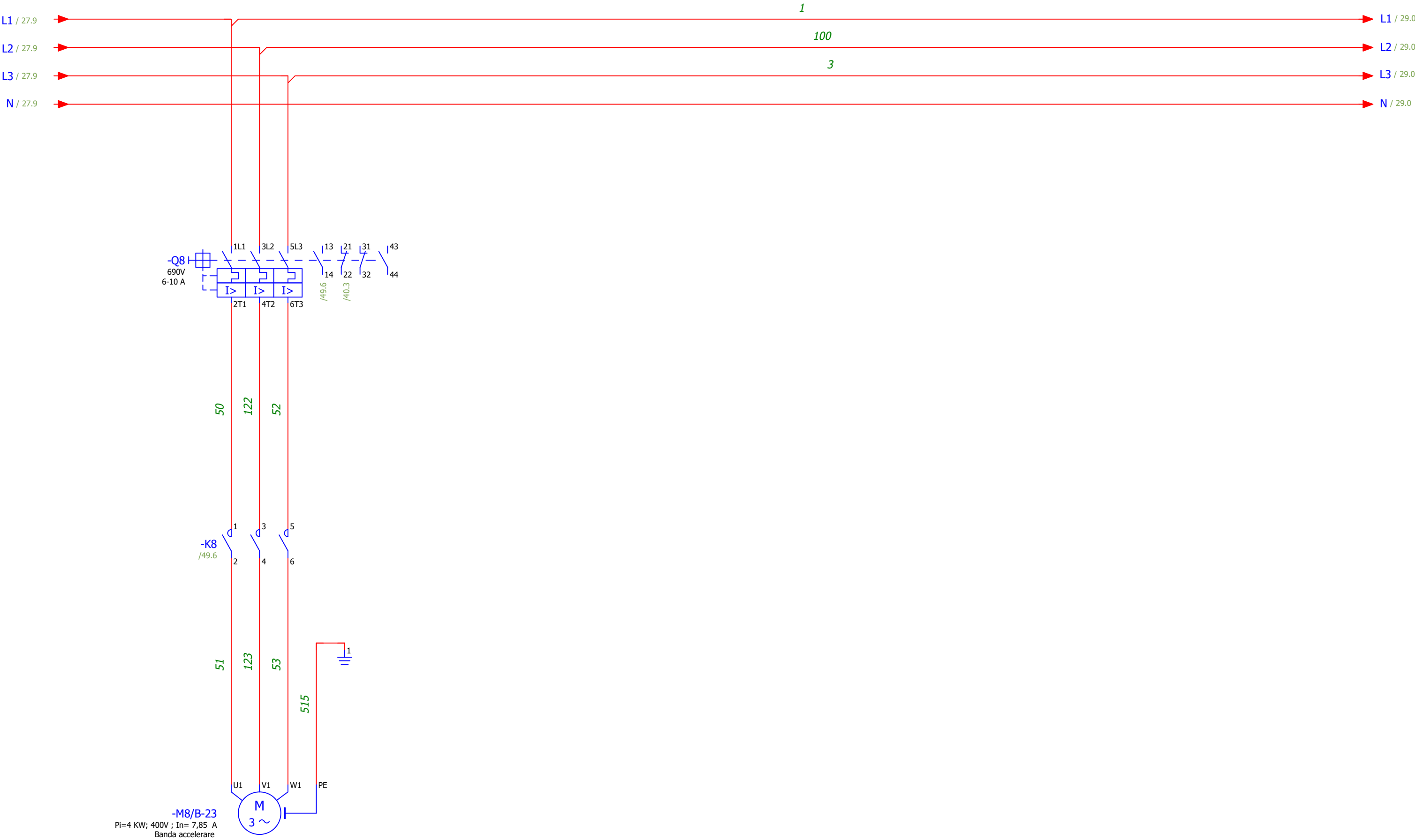




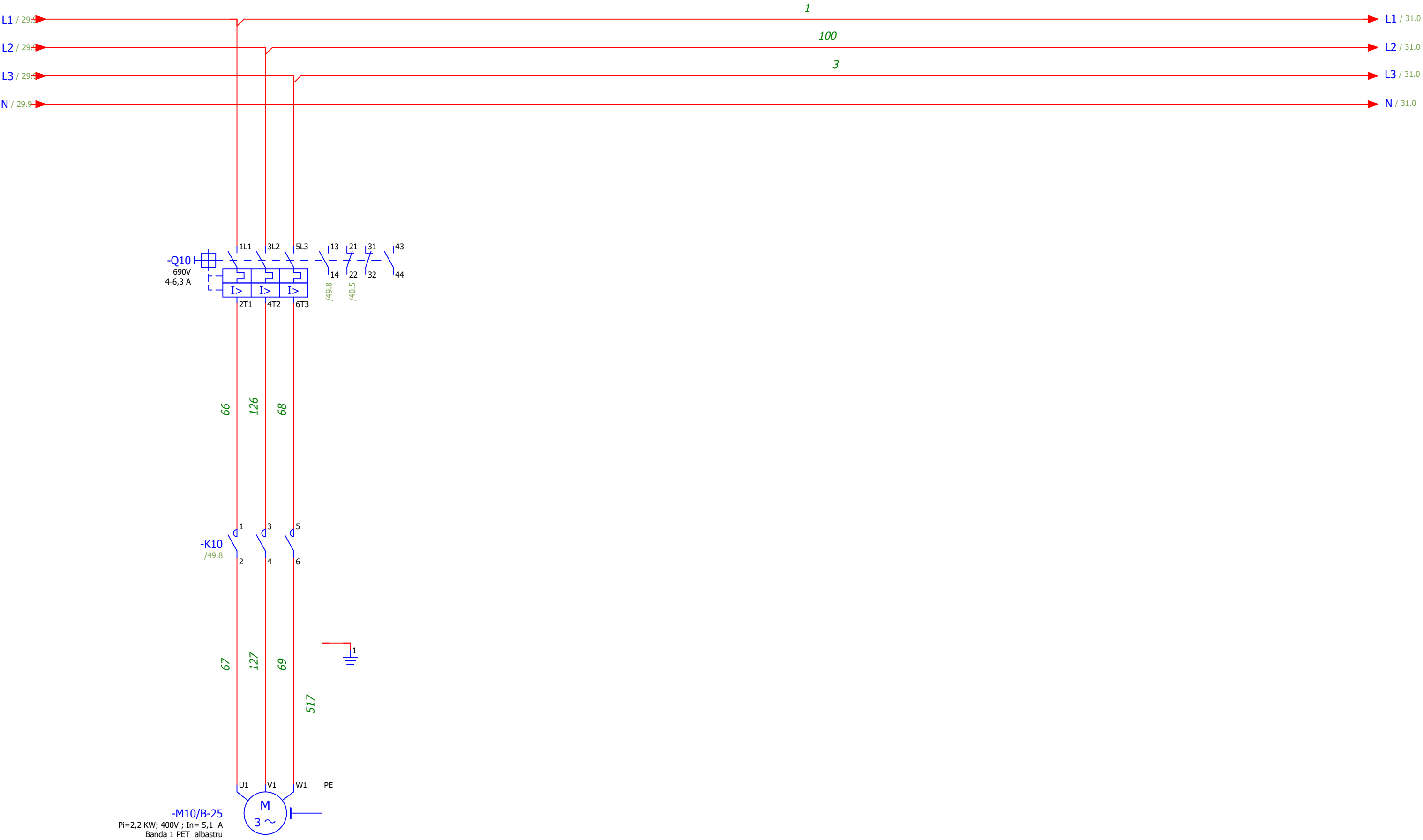
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			Ed	Nelu													+ EAA		
			Appr																
TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3															Page 25				
Modification	Date	Name	Original		Replacement of		Replaced by						IEC_bas001		Page 30 / 81				



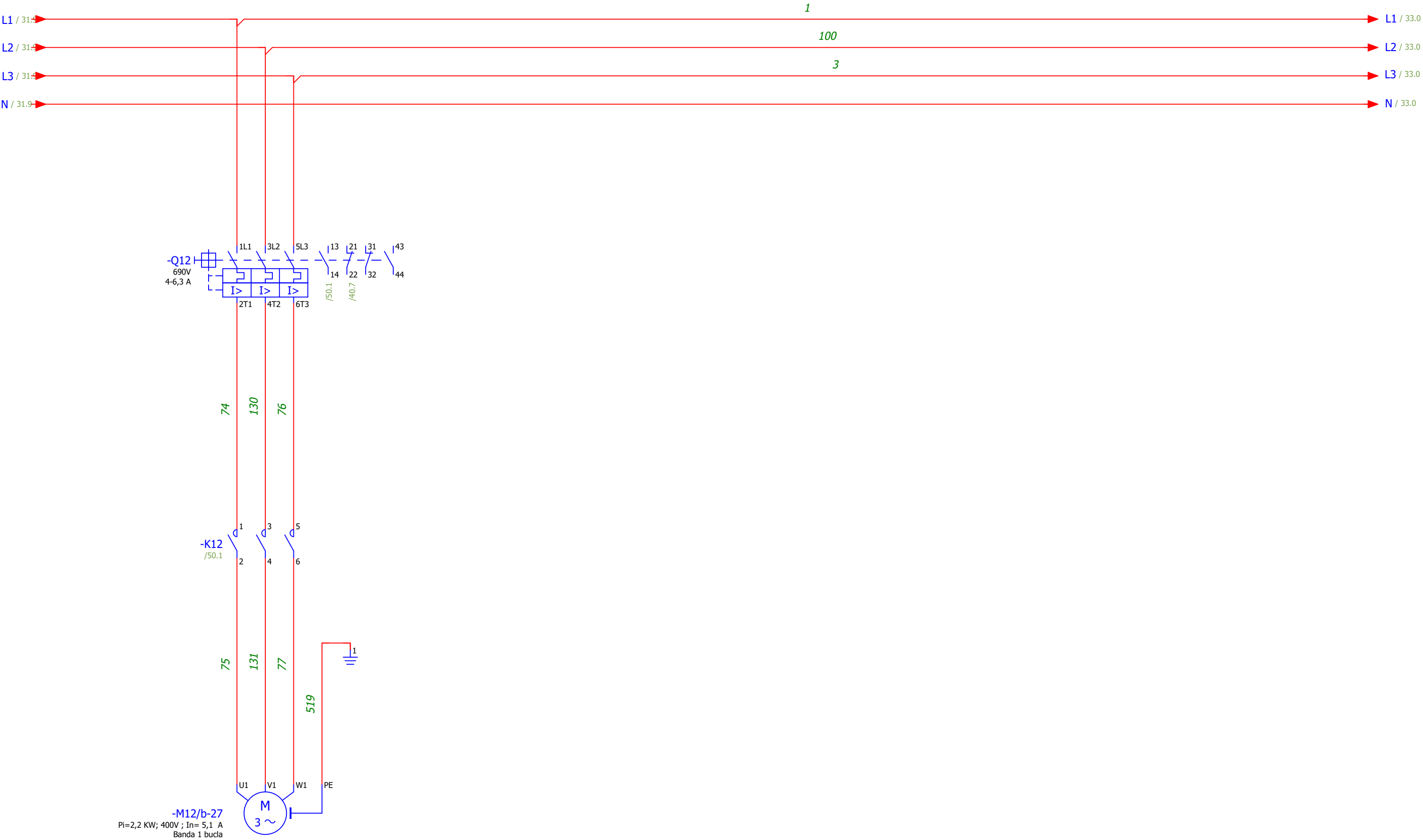
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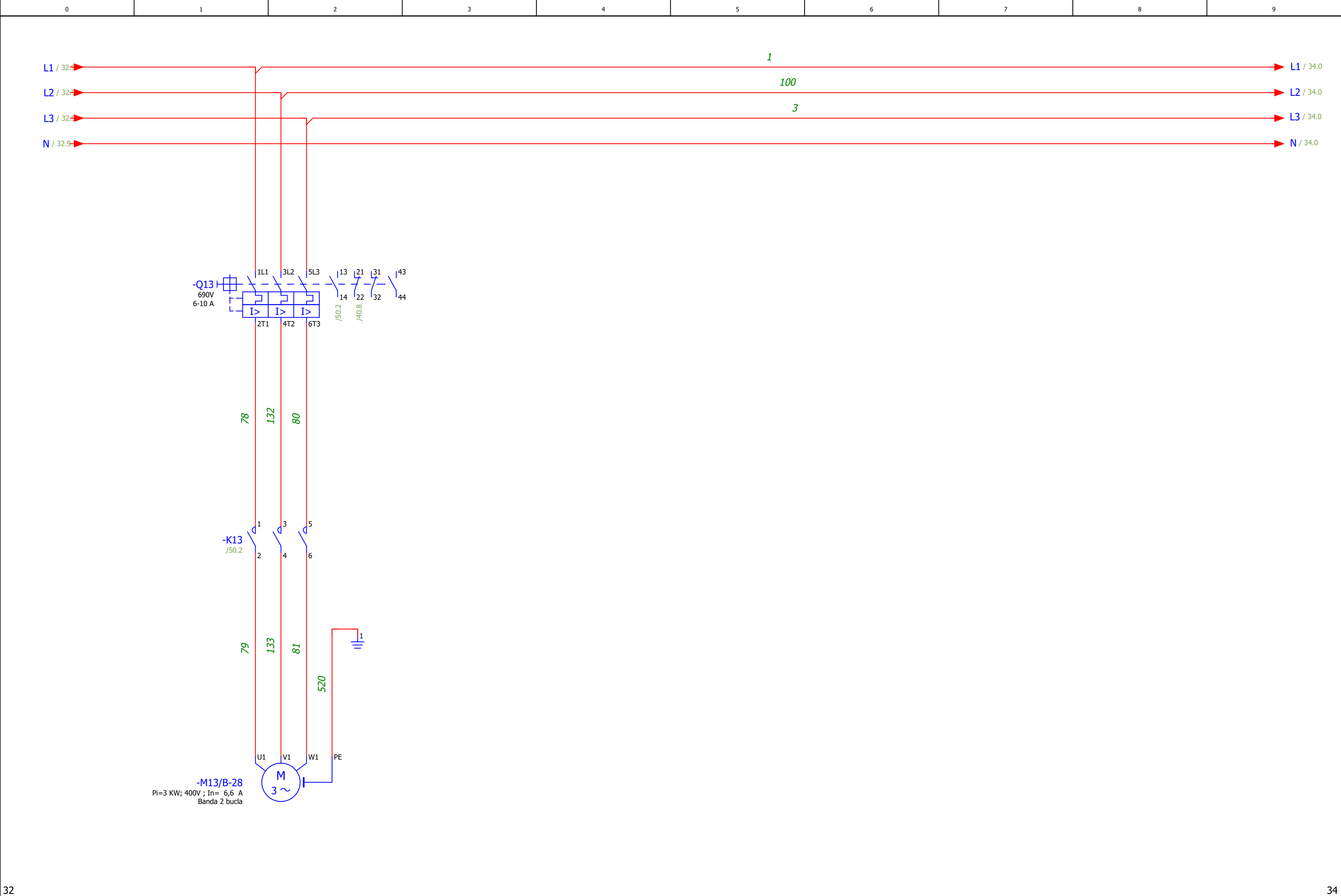
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			Appr						TE_Benzi_separator aeraulic_separator optic_cabina sortare		C1/C3		IEC_bas001
Modification	Date	Name	Original		Replacement of	Replaced by						Page	33 / 81

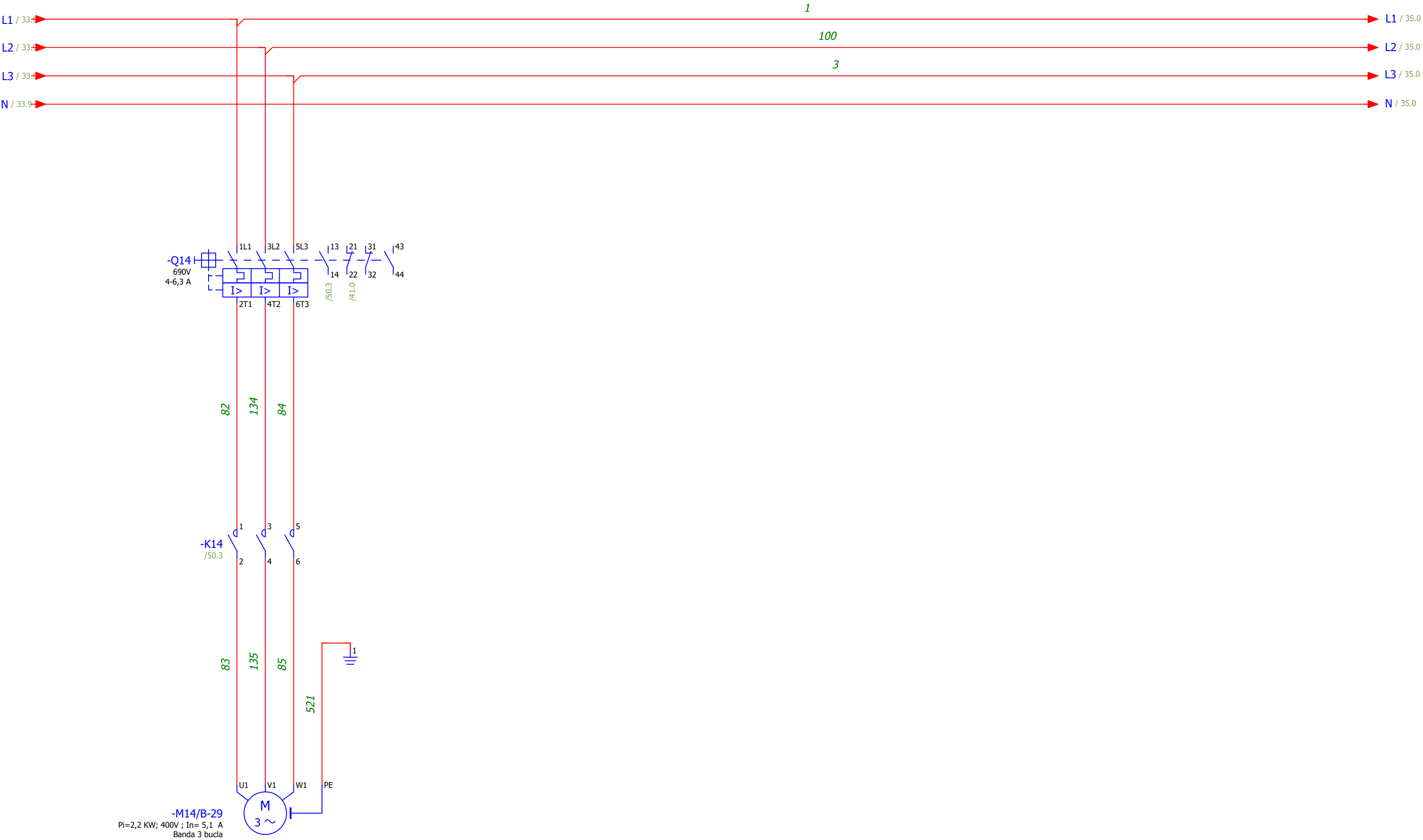


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			Appr						TE_Benzi_separator aeraulic_separator optic_cabina sortare		C1/C3	
Modification	Date	Name	Original		Replacement of	Replaced by			IEC_bas001	Page	30	
										Page	35 / 81	

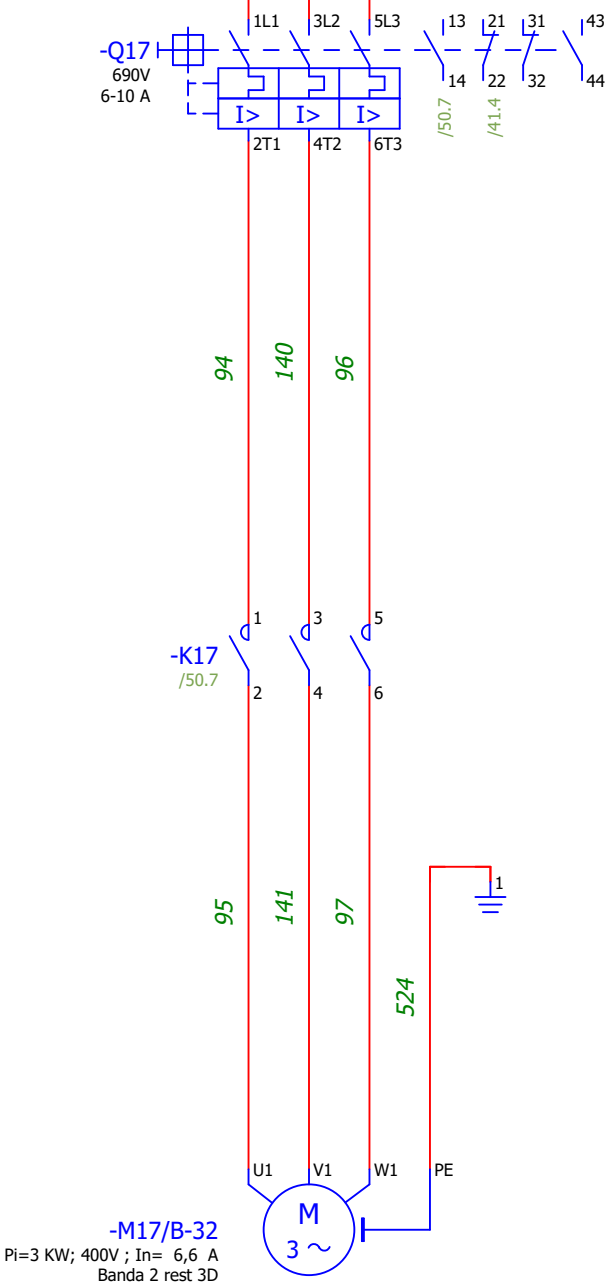
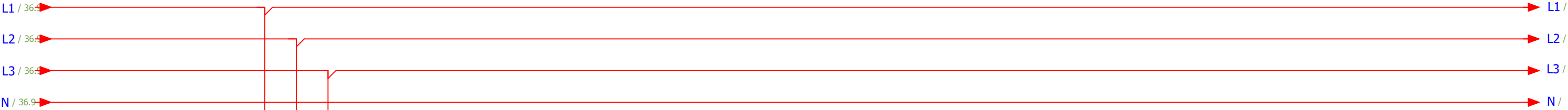


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			Ed	Nelu							+ EAA	
			Appr									
Modification	Date	Name	Original		Replacement of	Replaced by	C1/C3			IEC_bas001		Page 32
												Page 37 / 81





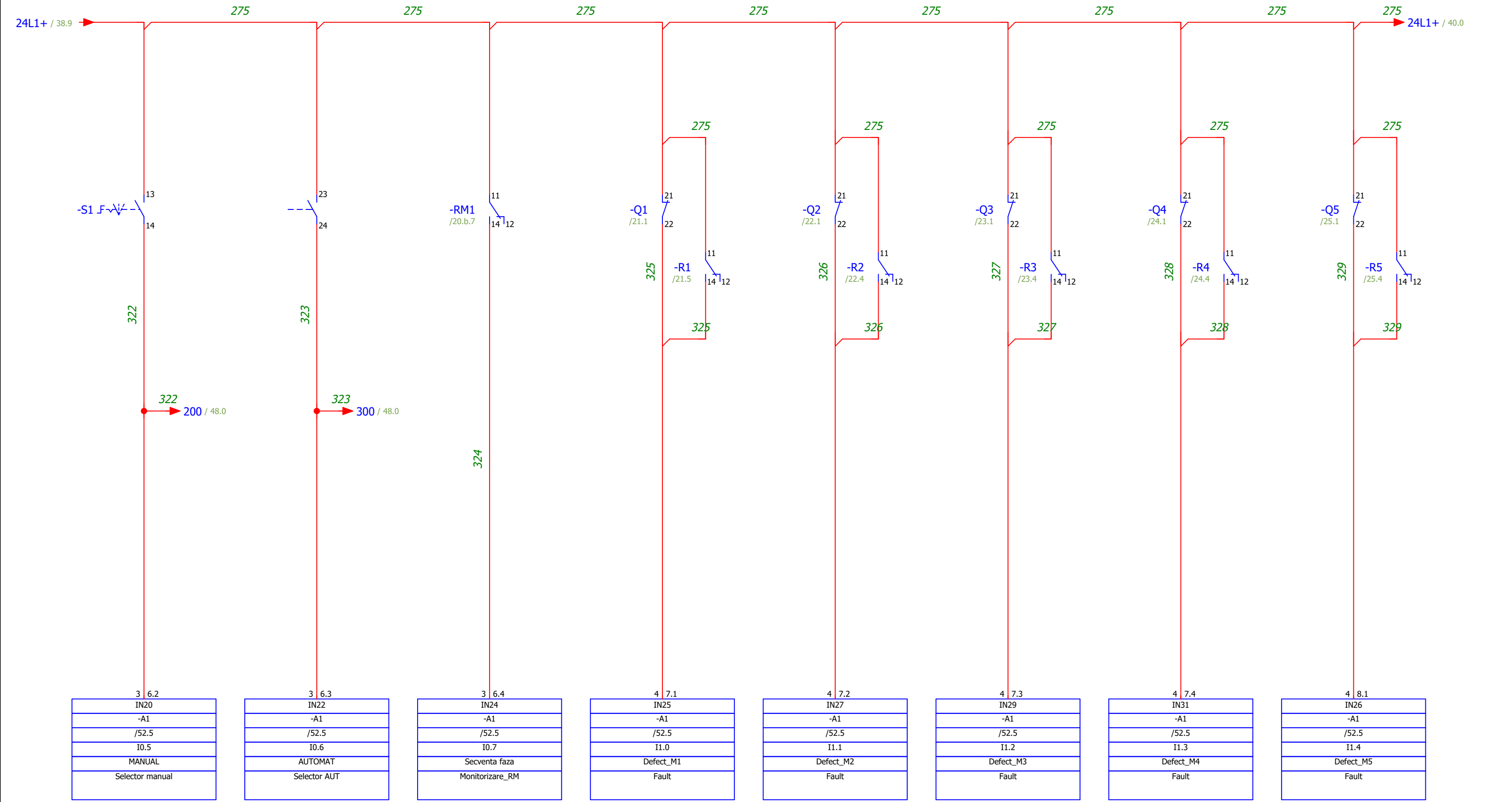
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			Appr						TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3			IEC_bas001
Modification	Date	Name	Original		Replacement of	Replaced by					Page	40 / 81

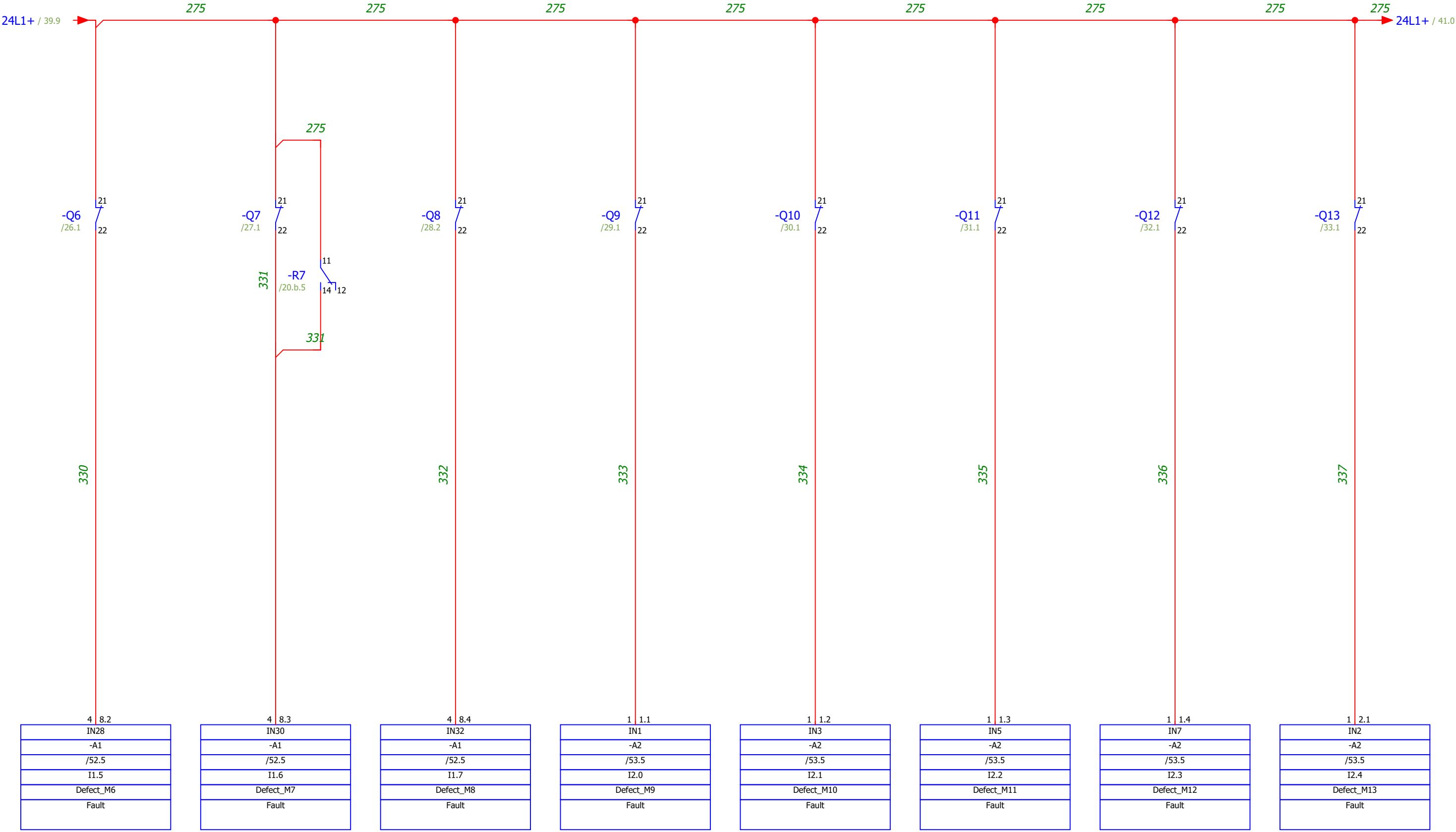


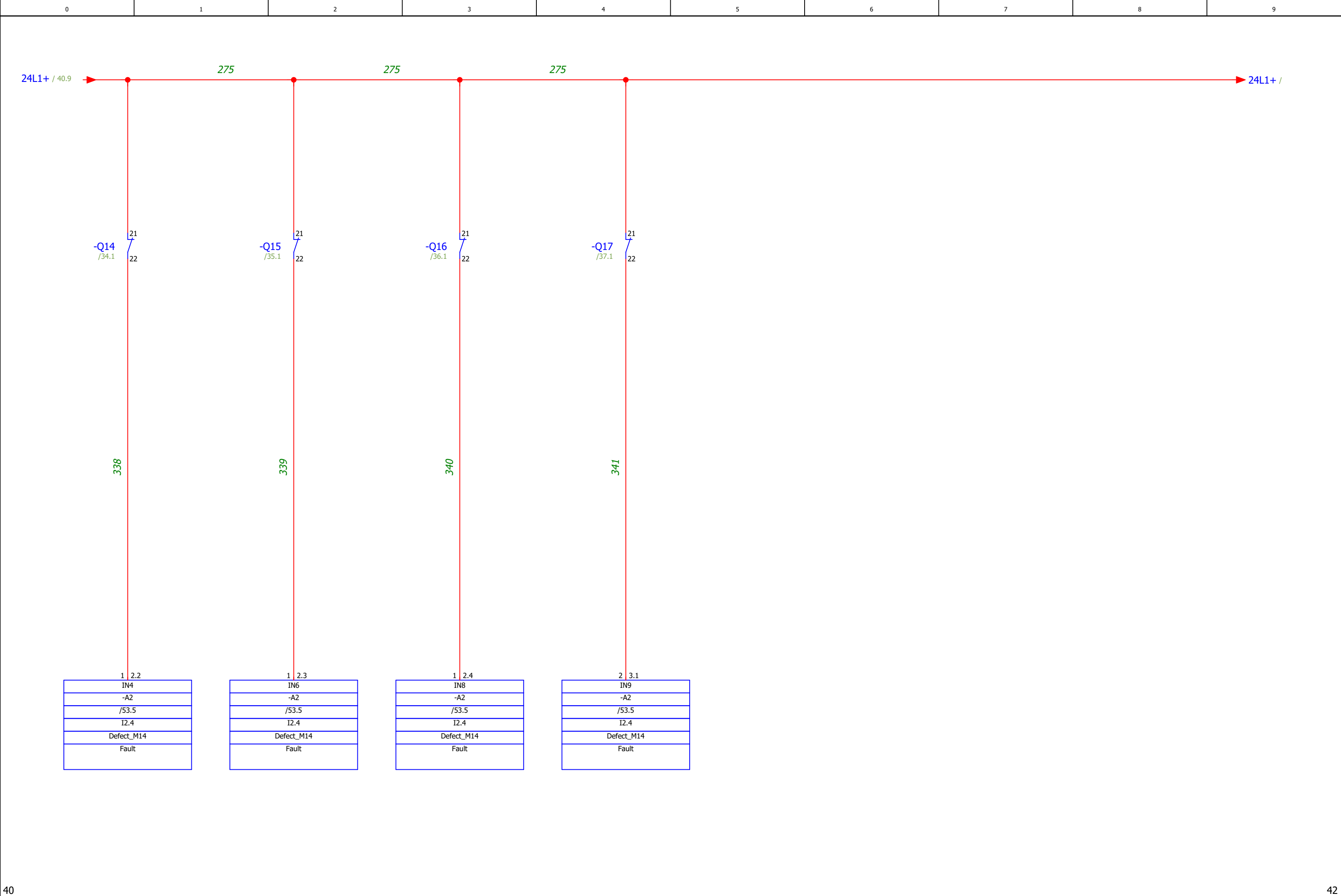
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			Appr						TE_Benzi_separator aeraulic_separator optic_cabina sortare		C1/C3	
Modification	Date	Name	Original		Replacement of	Replaced by			IEC_bas001	Page 37		
										Page 42 / 81		

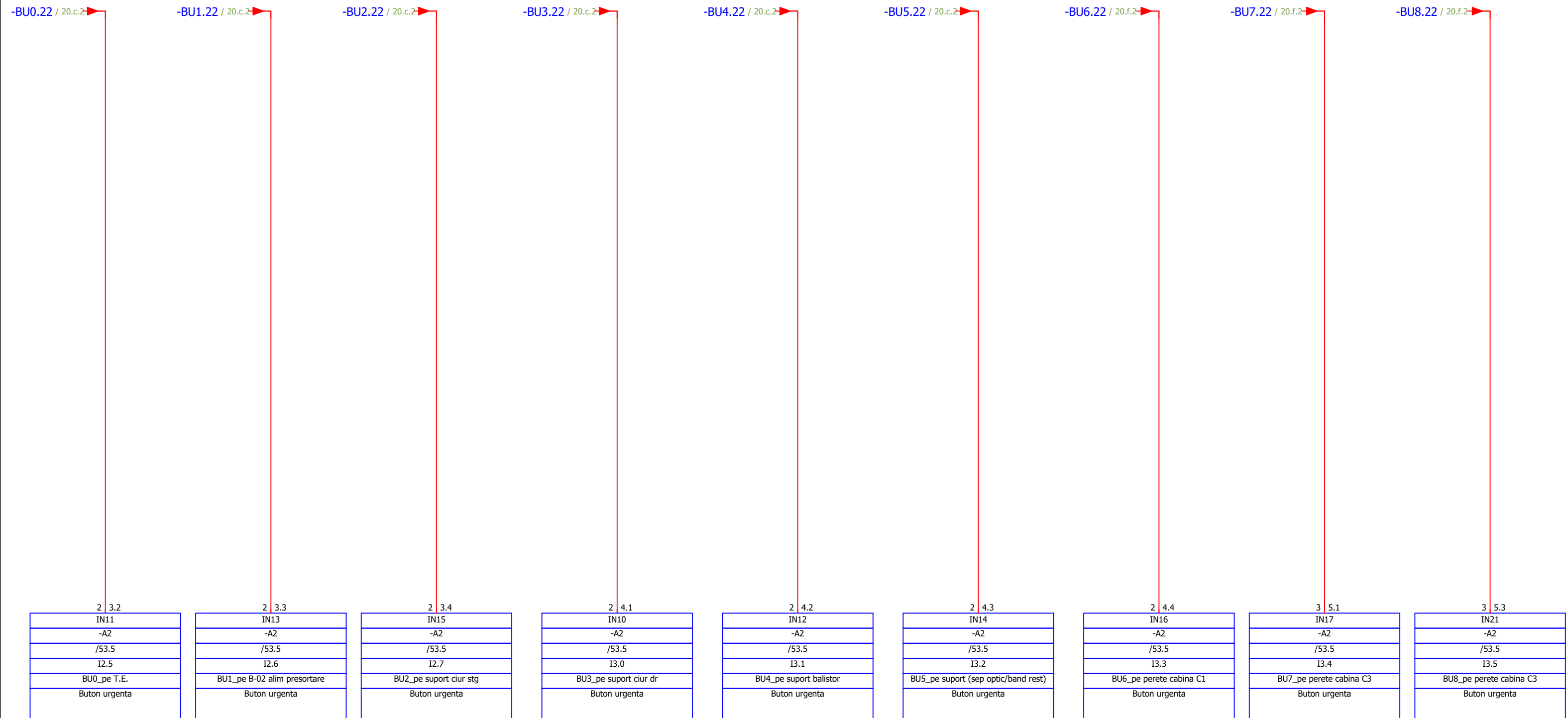


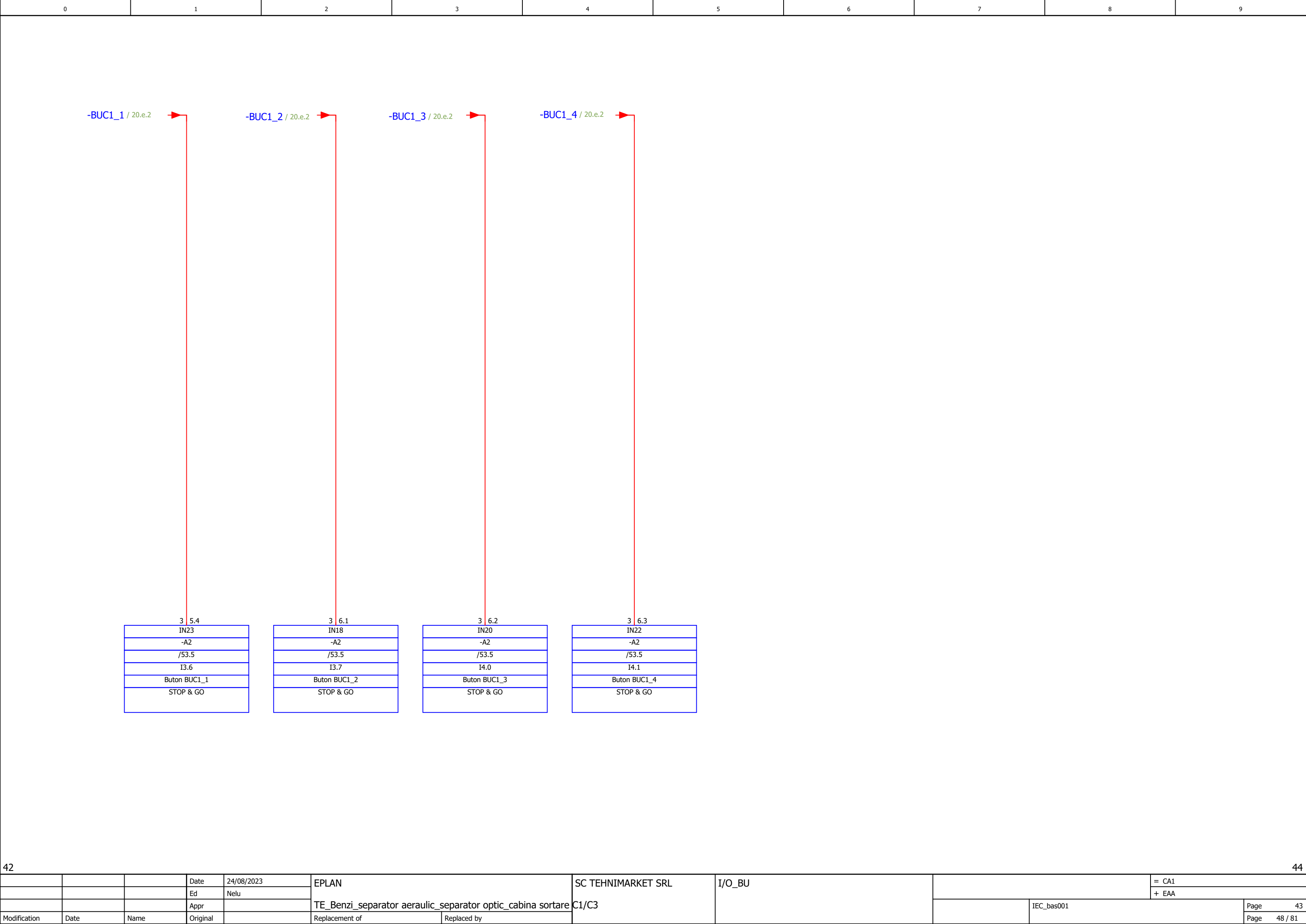
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			Appr						TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3			IEC_bas001
Modification	Date	Name	Original		Replacement of	Replaced by					Page	43 / 81

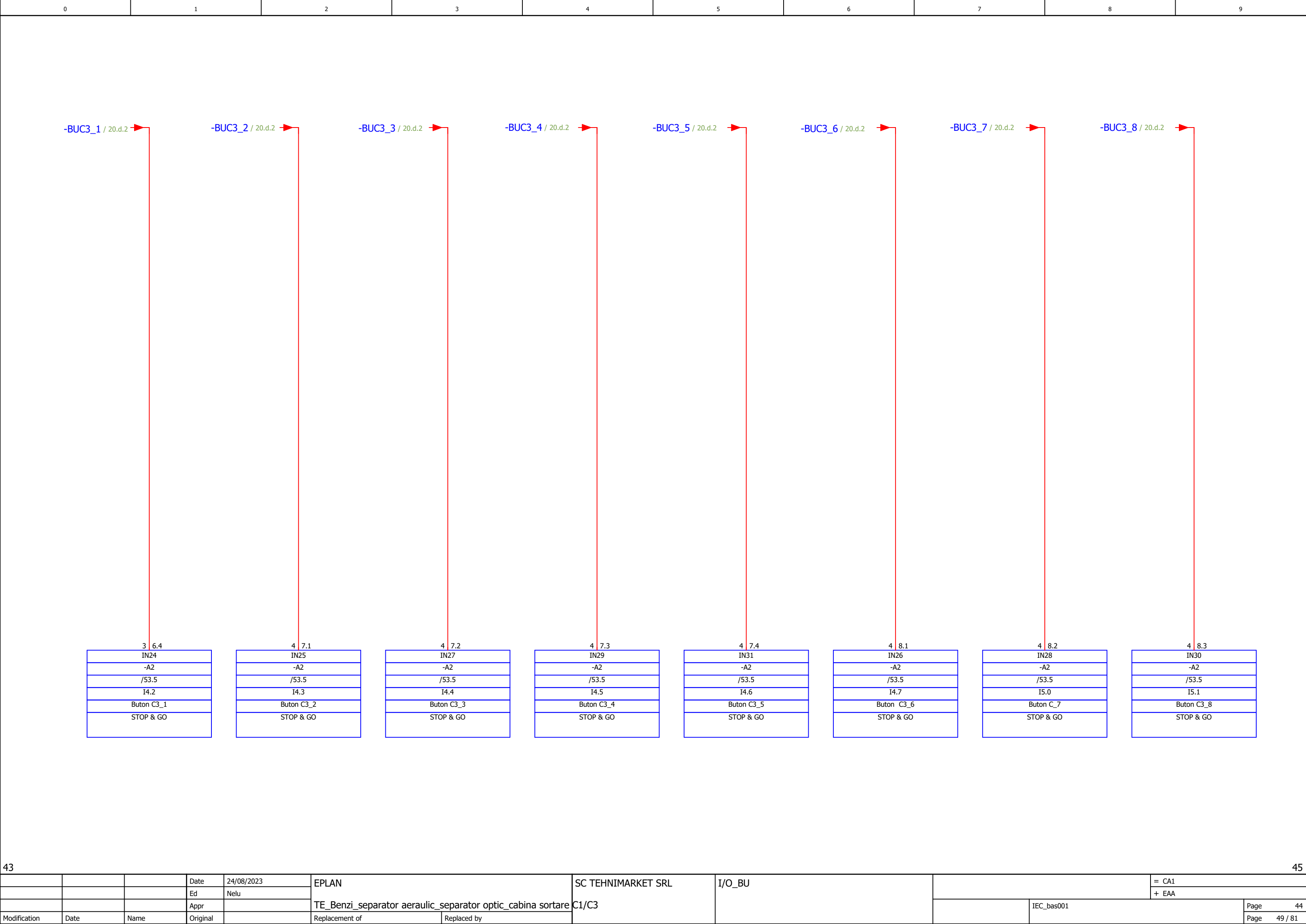


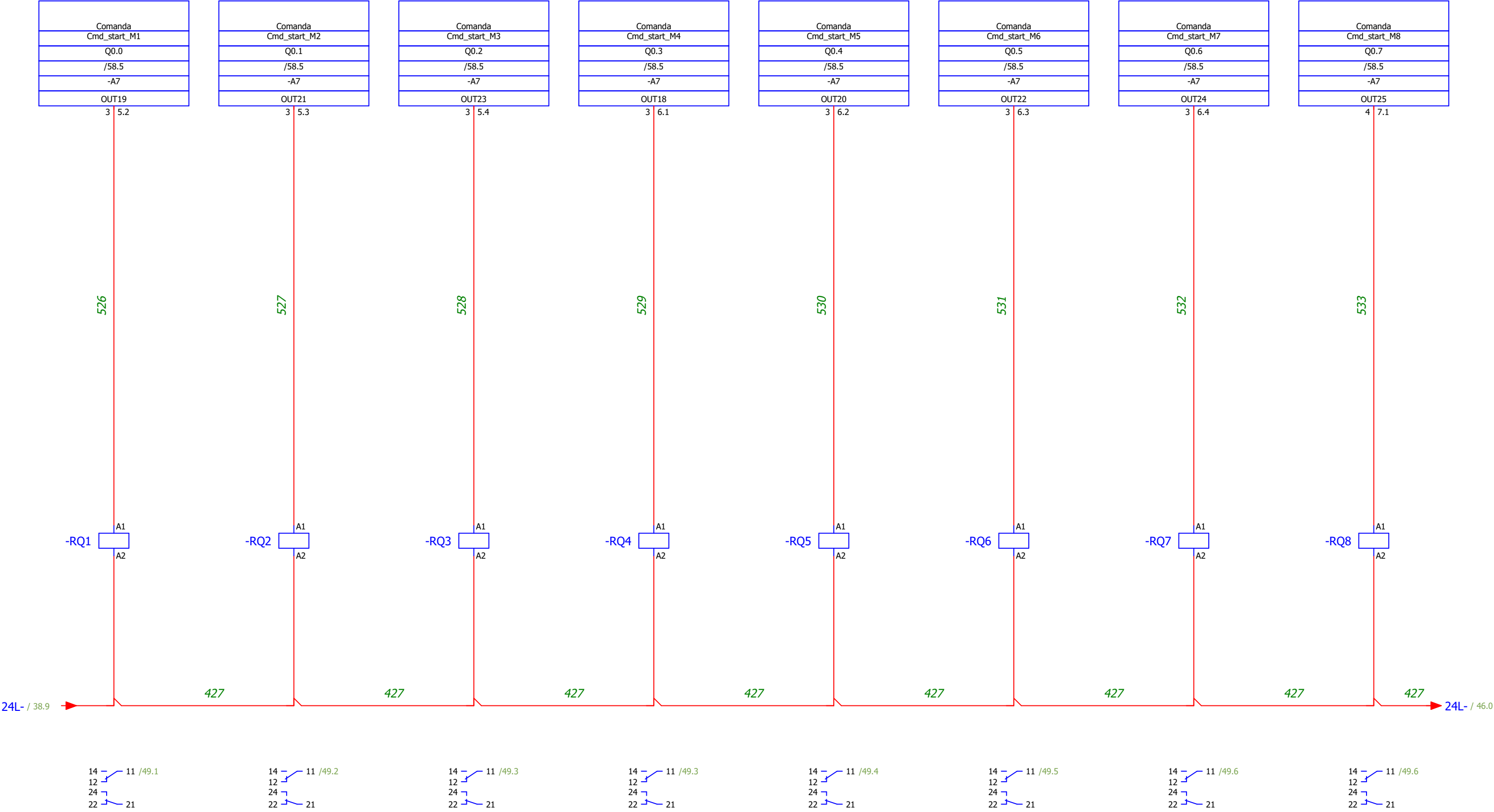


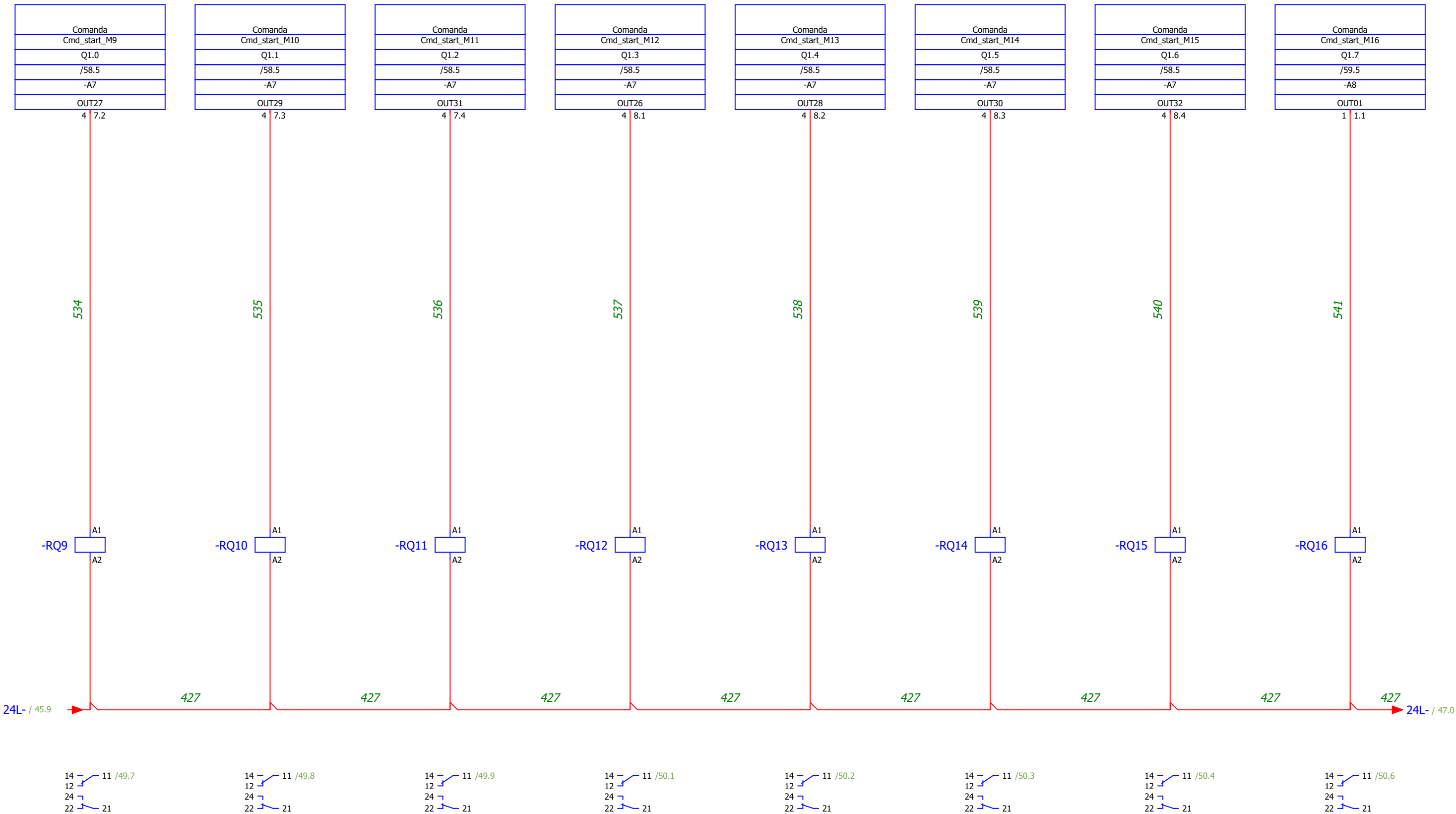


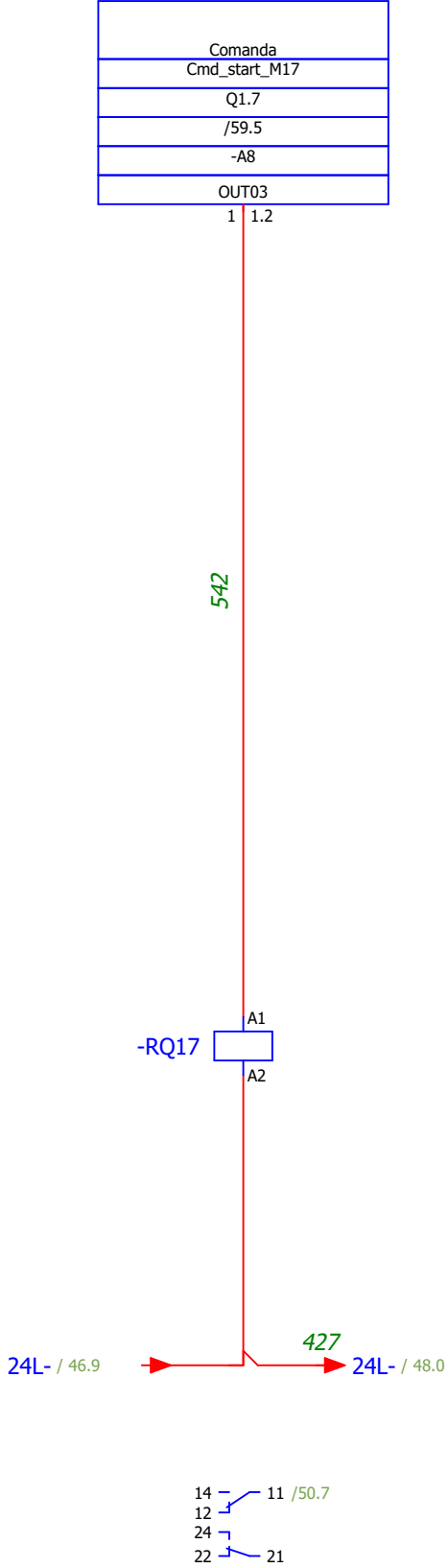




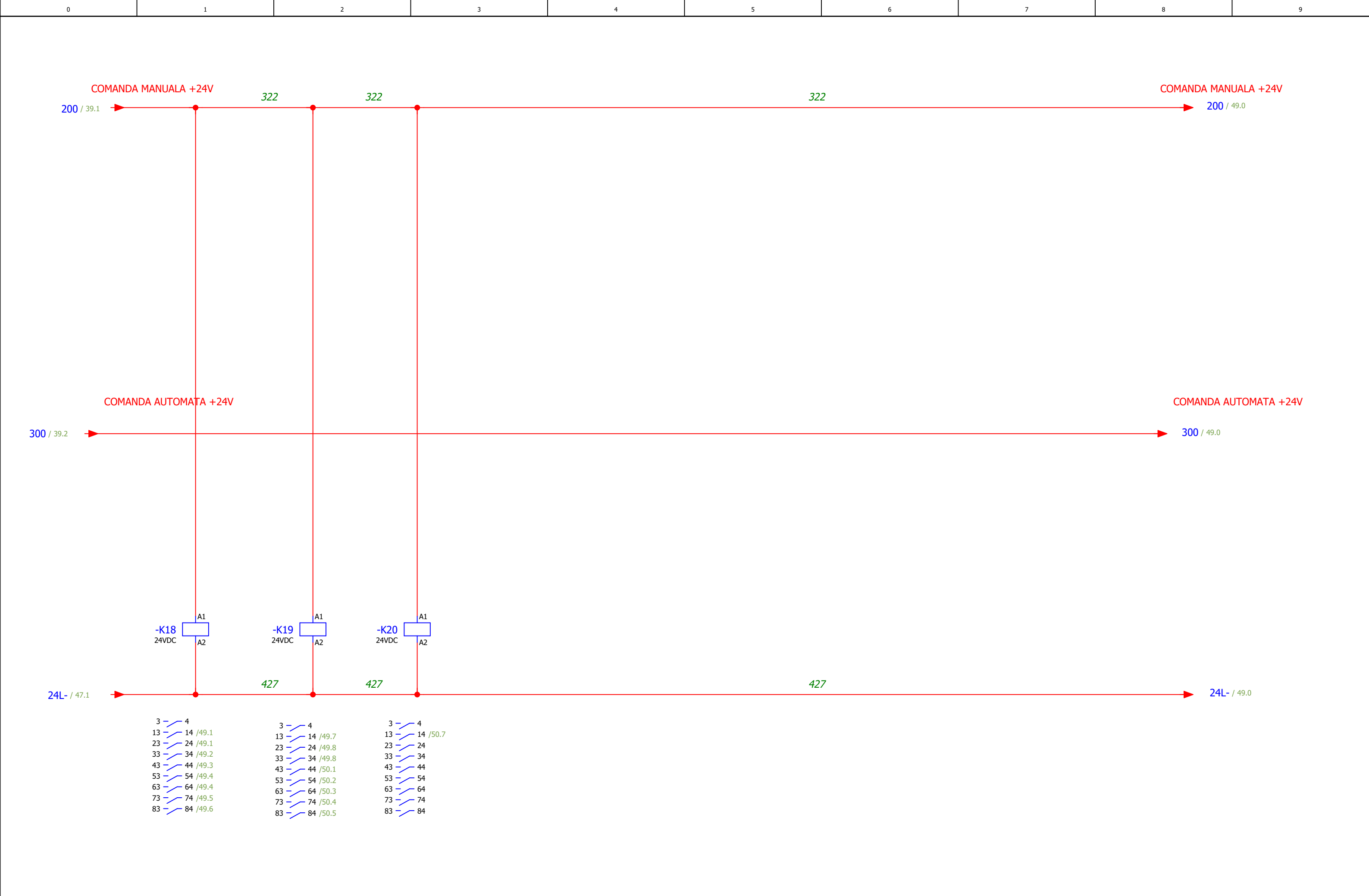


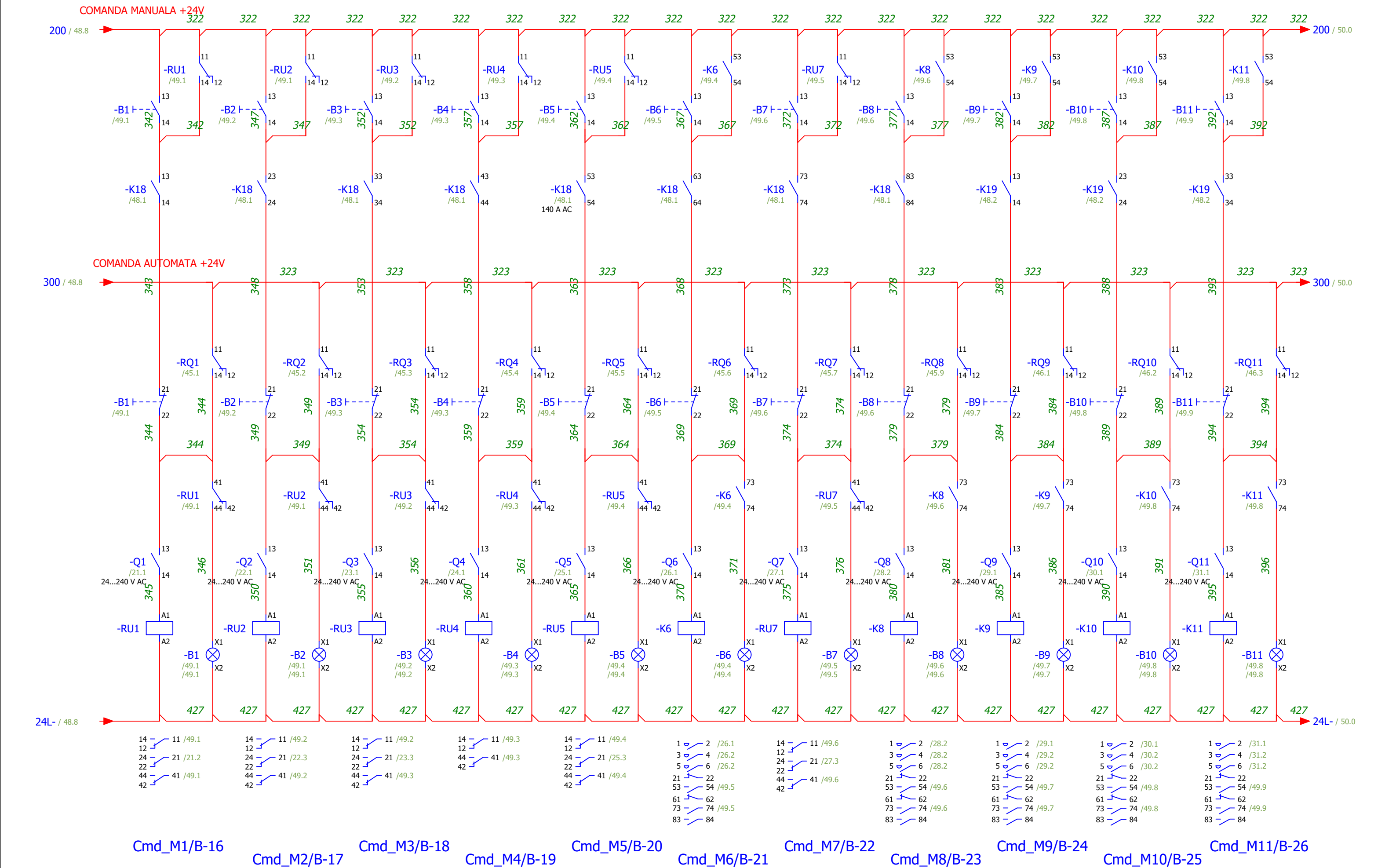






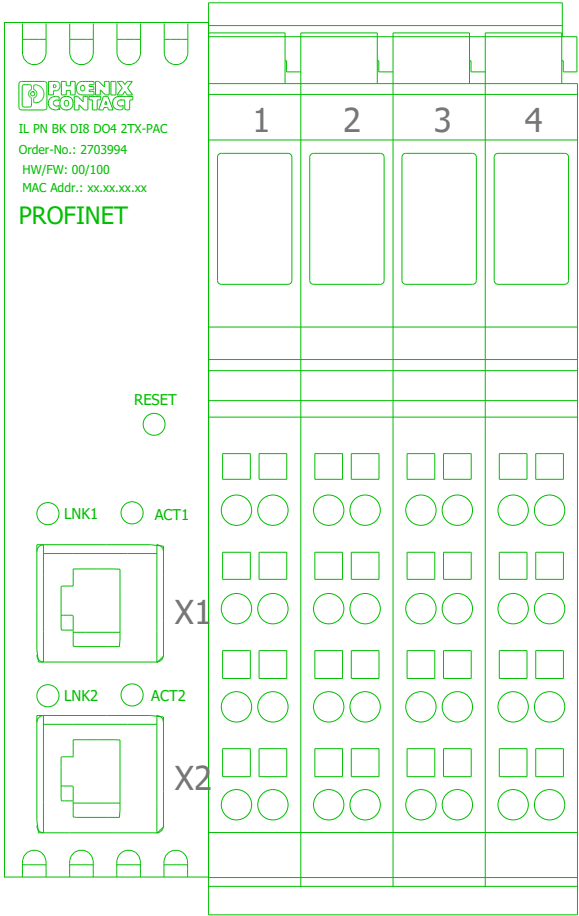
			Date	24/08/2023	EPLAN		SC TEHNIMARKET SRL	I/O			= CA1	
			Ed	Nelu							+ EAA	
			Appr						TE_Benzi_separator aeraulic_separator optic_cabina sortare		C1/C3	
Modification	Date	Name	Original		Replacement of	Replaced by					Page 52 / 81	



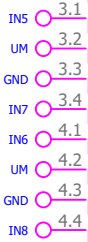
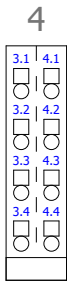
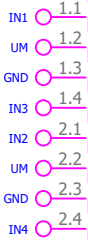
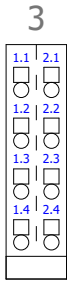
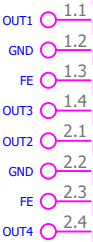
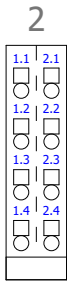
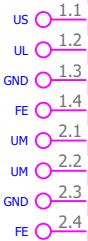
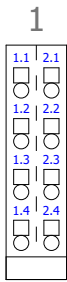




-A0



IL PN BK DI8 DO4 2TX-PAC



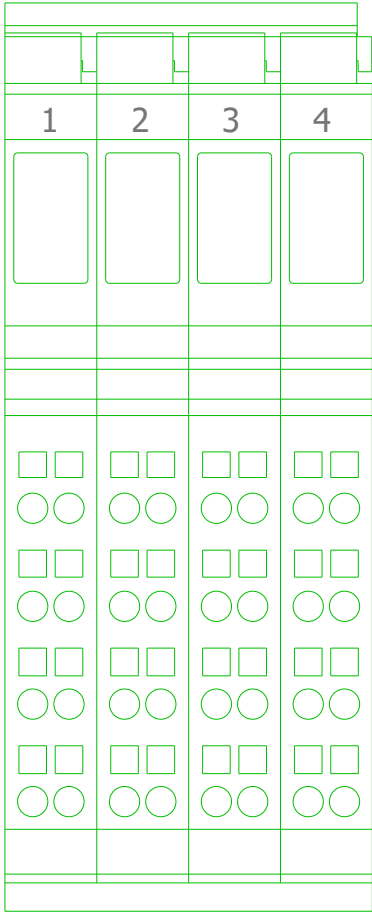
Address:	Function text:	Symbolic Address:	Crossreference:

	RESET SECURITY		/10.1
	RESET FACTORY SECURITY		/10.2
	SAFETY RELAY		/10.3
	ELECTRONC FUSE 24Vdc		/10.4

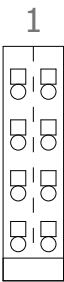
	OVERVOLTAGES		/10.5
	HANDLING		/10.6
	CONDENSER SUPPLY FANS		/10.7
	THERMAL RELAYS		/10.9



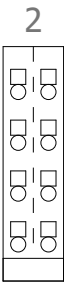
-A1



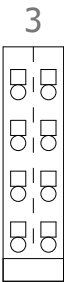
IB IL 24 DI 32/HD-PAC



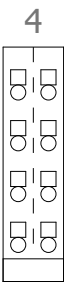
- IN1 1.1
- IN3 1.2
- IN5 1.3
- IN7 1.4
- IN2 2.1
- IN4 2.2
- IN6 2.3
- IN8 2.4



- IN9 3.1
- IN11 3.2
- IN13 3.3
- IN15 3.4
- IN10 4.1
- IN12 4.2
- IN14 4.3
- IN16 4.4



- IN17 5.1
- IN19 5.2
- IN21 5.3
- IN23 5.4
- IN18 6.1
- IN20 6.2
- IN22 6.3
- IN24 6.4



- IN25 7.1
- IN27 7.2
- IN29 7.3
- IN31 7.4
- IN26 8.1
- IN28 8.2
- IN30 8.3
- IN32 8.4

	ROTARY MOTOR	CONDENSER CIRCUIT BREAKER	/11.0
	VACUUM FAN	CIRCUIT BREAKER	/11.2
	SOLENOID VALVES		/11.3
	COMPRESOR	LIMPIEZA FILTRO	/11.4
	SUPPLY FAN	CONFIRMATION	/11.5
	CONDENSER ROTARY	MOTOR CONFIRMATION	/11.6
	CONDENSER ROTARY	MOTOR CONFIRMATION	/11.7
	VACUUM FAN	OPERATION CONFIRMATION	/11.8

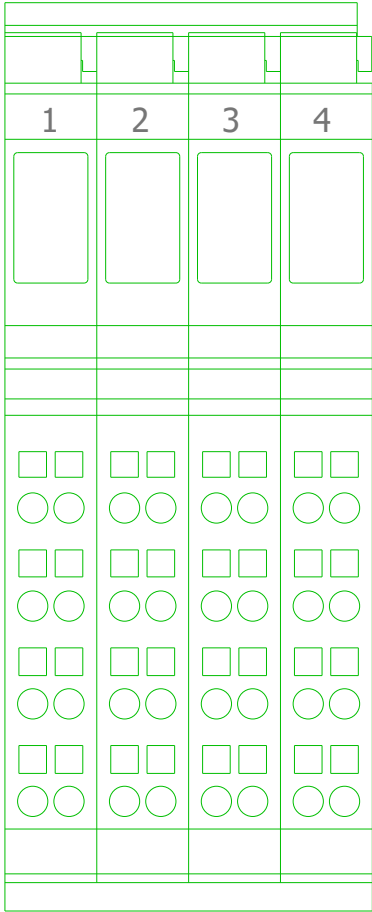
	ALARM	RELAY 1	/12.1
	ALARM	RELAY 2	/12.2
	EXTERNAL SEMNAL	REMOTE START	/12.3
	CABINET	EMERGENCY STOP	/12.4
	REMOTE	LOCAL	/12.5
	START CONDENSER	ROTARY MOTOR	/12.6
	STOP OF THE MOTOR	CONDENSER ROTARY	/12.7
	SAFETY SWITCH	RECORDING 1 CONDENSER	/12.9

	SAFETY SWITCH	RECORDING 2 CONDENSER	/13.0
	SAFETY SWITCH	RECORDING 3 CONDENSER	/13.2
	Confirmare	Safety relay OK	/20.c.8
	Initializare temporizare stop banda	Safety relay cabina C3_8 posturi	/20.d.8
	Initializare temporizare stop banda	Safety relay cabina C1_4 posturi	/20.e.8
	Selector manual	MANUAL	/39.0
	Selector AUT	AUTOMAT	/39.2
	Monitorizare_RM	Secventa faza	/39.3

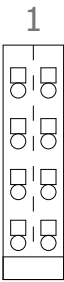
	Fault	Defect_M1	/39.4
	Fault	Defect_M2	/39.5
	Fault	Defect_M3	/39.6
	Fault	Defect_M4	/39.7
	Fault	Defect_M5	/39.8
	Fault	Defect_M6	/40.0
	Fault	Defect_M7	/40.2
	Fault	Defect_M8	/40.3



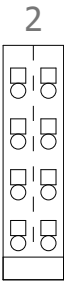
-A2



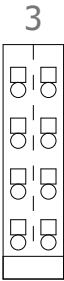
IB IL 24 DI 32/HD-PAC



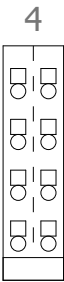
- IN1 1.1
- IN3 1.2
- IN5 1.3
- IN7 1.4
- IN2 2.1
- IN4 2.2
- IN6 2.3
- IN8 2.4



- IN9 3.1
- IN11 3.2
- IN13 3.3
- IN15 3.4
- IN10 4.1
- IN12 4.2
- IN14 4.3
- IN16 4.4



- IN17 5.1
- IN19 5.2
- IN21 5.3
- IN23 5.4
- IN18 6.1
- IN20 6.2
- IN22 6.3
- IN24 6.4



- IN25 7.1
- IN27 7.2
- IN29 7.3
- IN31 7.4
- IN26 8.1
- IN28 8.2
- IN30 8.3
- IN32 8.4

	Fault	Defect_M9	/40.4
	Fault	Defect_M10	/40.5
	Fault	Defect_M11	/40.6
	Fault	Defect_M12	/40.7
	Fault	Defect_M13	/40.8
	Fault	Defect_M14	/41.0
	Fault	Defect_M14	/41.2
	Fault	Defect_M14	/41.3

	Fault	Defect_M14	/41.4
	Buton urgenta	BU0_pe T.E.	/42.0
	Buton urgenta	BU1_pe B-02 alim presortare	/42.1
	Buton urgenta	BU2_pe suport ciur stg	/42.2
	Buton urgenta	BU3_pe suport ciur dr	/42.3
	Buton urgenta	BU4_pe suport balistor	/42.5
	Buton urgenta	BU5_pe suport (sep optic/band rest)	/42.6
	Buton urgenta	BU6_pe perete cabina C1	/42.7

	Buton urgenta	BU7_pe perete cabina C3	/42.8
	Buton urgenta	BU8_pe perete cabina C3	/42.9
	STOP & GO	Buton BUC1_1	/43.1
	STOP & GO	Buton BUC1_2	/43.2
	STOP & GO	Buton BUC1_3	/43.3
	STOP & GO	Buton BUC1_4	/43.4
	STOP & GO	Buton C3_1	/44.1

	STOP & GO	Buton C3_2	/44.2
	STOP & GO	Buton C3_3	/44.3
	STOP & GO	Buton C3_4	/44.4
	STOP & GO	Buton C3_5	/44.5
	STOP & GO	Buton C3_6	/44.6
	STOP & GO	Buton C_7	/44.8
	STOP & GO	Buton C3_8	/44.9

			Date	24/08/2023	EPLAN		SC TEHNIMARKET SRL	Rezerva			= CA1	
			Ed	Nelu							+ EAA	
			Appr						TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3			IEC_bas001
Modification	Date	Name	Original		Replacement of	Replaced by					Page	59 / 81

0	1	2	3	4	5	6	7	8	9

54											56
			Date	24/08/2023	EPLAN	SC TEHNIMARKET SRL	Rezerva			= CA1	
			Ed	Nelu						+ EAA	
			Appr								
					TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3						
Modification	Date	Name	Original		Replacement of	Replaced by			IEC_bas001		Page 55 Page 60 / 81

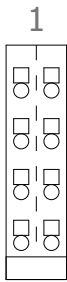
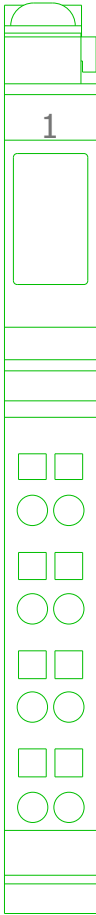
0	1	2	3	4	5	6	7	8	9

			Date	24/08/2023	EPLAN	SC TEHNIMARKET SRL	Rezerva			= CA1	
			Ed	Nelu						+ EAA	
			Appr								
TE_Benzi_separator aeraulic_separator optic_cabina sortare					C1/C3				IEC_bas001	Page	56
Modification	Date	Name	Original		Replacement of	Replaced by				Page	61 / 81

			Date	24/08/2023	EPLAN		SC TEHNIMARKET SRL	Rezerva			= CA1	
			Ed	Nelu							+ EAA	
			Appr						TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3			IEC_bas001
Modification	Date	Name	Original		Replacement of	Replaced by					Page	62 / 81



-A8



- OUT01 1.1
- OUT03 1.2
- OUT05 1.3
- OUT07 1.4
- OUT02 2.1
- OUT04 2.2
- OUT06 2.3
- OUT08 2.4

	Comanda	Cmd_start_M16	/46.9
	Comanda	Cmd_start_M17	/47.1

IB IL 24 DO 8/HD-ECO

Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
-K20	1	Auxiliary contact block, TeSys Deca, 4NO, front mounting, screw clamp terminals	LADN40	SE	SE.LADN40
-KA13.1	0				
-KA183.1	1	Standard all-or-nothing relay	TRZ 24VDC 1CO		WEI.1122880000
-KA184.2	1	Standard all-or-nothing relay	TRZ 24VDC 1CO		WEI.1122880000
-KA184.4	1	Standard all-or-nothing relay	TRZ 24VDC 1CO		WEI.1122880000
-KA185.3	1	Standard all-or-nothing relay	TRZ 24VDC 1CO		WEI.1122880000
-KA185.5	1	Standard all-or-nothing relay	TRZ 24VDC 1CO		WEI.1122880000
-KA186.6	1	Standard all-or-nothing relay	TRZ 24VDC 1CO		WEI.1122880000
-KA191.1	1	Standard all-or-nothing relay	TRZ 24VDC 1CO		WEI.1122880000
-KA192.2	1	Standard all-or-nothing relay	TRZ 24VDC 1CO		WEI.1122880000
-KA193.3	1	Standard all-or-nothing relay	TRZ 24VDC 1CO		WEI.1122880000
-KA194.4	1	Standard all-or-nothing relay	TRZ 24VDC 1CO		WEI.1122880000
-KA195.5	1	Standard all-or-nothing relay	TRZ 24VDC 1CO		WEI.1122880000
-KA196.6	1	Standard all-or-nothing relay	TRZ 24VDC 1CO		WEI.1122880000
-KA197.7	1	Standard all-or-nothing relay	TRZ 24VDC 1CO		WEI.1122880000
-KA198.8	1	Standard all-or-nothing relay	TRZ 24VDC 1CO		WEI.1122880000
-KA202.1	1	INTERFACE RELAY	C10-A10X/DC24V	COM	COM.C10-A10X/DC24V
-KA202.2	1	INTERFACE RELAY	C10-A10X/DC24V	COM	COM.C10-A10X/DC24V
-KA203.3	1	INTERFACE RELAY	C10-A10X/DC24V	COM	COM.C10-A10X/DC24V
-KM261.1	1	CONTACTOR,AC3:3KW 1NO AC24V 50/60HZ	3RT2015-2AB01	SIE	SIE.3RT2015-2AB01
-KM263.2	1	CONTACTOR,AC3:3KW 1NC AC24V 50/60HZ	3RT2015-2AB02	SIE	SIE.3RT2015-2AB02
-KM264.3	1	CONTACTOR,AC3:3KW 1NC AC24V 50/60HZ	3RT2015-2AB02	SIE	SIE.3RT2015-2AB02
-KM265.4	1	COUPLING CONT.,AC3:30KW 1NO+1NC 24VDC	3RT2037-1KB40	SIE	SIE.3RT2037-1KB40
-KM266.5	1	COUPLING CONT.,AC3:30KW 1NO+1NC 24VDC	3RT2037-1KB40	SIE	SIE.3RT2037-1KB40
-KS81.1	0				
-KSA83.1	1	CONTACTOR,AC3:3KW 1NC DC24V	3RT2015-2BB42	SIE	SIE.3RT2015-2BB42
-KSA84.2	1	CONTACTOR,AC3:3KW 1NC DC24V	3RT2015-2BB42	SIE	SIE.3RT2015-2BB42
-LP_Tablou1	1				STE.02540.0-03
-LP_Tablou2	1				STE.02540.0-03
-LS1	1				ETN.LS-11
-M1/B-16	0				
-M2/B-17	0				
-M3/B-18	0				
-M4/B-19	0				
-M5/B-20	0				
-M6/B-21	0				
-M7/B-22	0				
-M8/B-23	0				
-M9/B-24	0				
-M10/B-25	0				
-M11/B-26	0				
-M12/b-27	0				
-M13/B-28	0				
-M14/B-29	0				
-M15/B-30	0				
-M16/B-31	0				
-M17/B-32	0				
-M21.1	0				
-M23.2	0				
-M27.3	0				
-M35.1	0				
-M36.1	0				
-M63.1	0				
-PRIZA_SERVICE1	0				
-PRIZA_SERVICE2	0				
-Q1	1	Motor circuit breaker, TeSys Deca, 3P, 6-10 A, thermal magnetic, screw clamp terminals	GV2ME14	SE	SE.GV2ME14

Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
-Q1	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q1	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q2	1	Motor circuit breaker, TeSys Deca, 3P, 6-10 A, thermal magnetic, screw clamp terminals	GV2ME14	SE	SE.GV2ME14
-Q2	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q2	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q3	1	Motor circuit breaker, TeSys Deca, 3P, 6-10 A, thermal magnetic, screw clamp terminals	GV2ME14	SE	SE.GV2ME14
-Q3	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q3	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q4	1	Motor circuit breaker, TeSys Deca, 3P, 6-10 A, thermal magnetic, screw clamp terminals	GV2ME14	SE	SE.GV2ME14
-Q4	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q4	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q5	1	Motor circuit breaker, TeSys Deca, 3P, 6-10 A, thermal magnetic, screw clamp terminals	GV2ME14	SE	SE.GV2ME14
-Q5	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q5	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q6	1	Motor circuit breaker, TeSys Deca, 3P, 6-10 A, thermal magnetic, screw clamp terminals	GV2ME14	SE	SE.GV2ME14
-Q6	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q6	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q7	1	Motor circuit breaker, TeSys Deca, 3P, 6-10 A, thermal magnetic, screw clamp terminals	GV2ME14	SE	SE.GV2ME14
-Q7	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q7	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q8	1	Motor circuit breaker, TeSys Deca, 3P, 6-10 A, thermal magnetic, screw clamp terminals	GV2ME14	SE	SE.GV2ME14
-Q8	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q8	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q9	1	Motor circuit breaker, TeSys Deca, 3P, 6-10 A, thermal magnetic, screw clamp terminals	GV2ME14	SE	SE.GV2ME14
-Q9	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q9	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q10	1	Motor circuit breaker, TeSys Deca, 3P, 4-6.3 A, thermal magnetic, screw clamp terminals	GV2ME10	SE	SE.GV2ME10
-Q10	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q10	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q10.1	1	MCCB_IEC_FS160_160A_4P_55KA_ETU3_LI	3VA2116-5HL46-0AA0	SIE	SIE.3VA2116-5HL46-0AA0
-Q10.1	0				
-Q11	1	Motor circuit breaker, TeSys Deca, 3P, 6-10 A, thermal magnetic, screw clamp terminals	GV2ME14	SE	SE.GV2ME14
-Q11	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q11	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q12	1	Motor circuit breaker, TeSys Deca, 3P, 4-6.3 A, thermal magnetic, screw clamp terminals	GV2ME10	SE	SE.GV2ME10
-Q12	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q12	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q12.2	0				
-Q13	1	Motor circuit breaker, TeSys Deca, 3P, 6-10 A, thermal magnetic, screw clamp terminals	GV2ME14	SE	SE.GV2ME14
-Q13	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q13	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q14	1	Motor circuit breaker, TeSys Deca, 3P, 4-6.3 A, thermal magnetic, screw clamp terminals	GV2ME10	SE	SE.GV2ME10
-Q14	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q14	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q15	1	Motor circuit breaker, TeSys Deca, 3P, 4-6.3 A, thermal magnetic, screw clamp terminals	GV2ME10	SE	SE.GV2ME10
-Q15	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q15	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q16	1	Motor circuit breaker, TeSys Deca, 3P, 4-6.3 A, thermal magnetic, screw clamp terminals	GV2ME10	SE	SE.GV2ME10
-Q16	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q16	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q16.3	0				
-Q17	1	Motor circuit breaker, TeSys Deca, 3P, 6-10 A, thermal magnetic, screw clamp terminals	GV2ME14	SE	SE.GV2ME14
-Q17	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q17	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q21.1	1	CIRCUIT-BREAKER SPRING-L. CONN. 3.2A	3RV2011-1DA20	SIE	SIE.3RV2011-1DA20
-Q21.1	1	LATERAL AUXILIARY SWITCH 2S, SPRING-L. CONNECTION	3RV2901-2B	SIE	SIE.3RV2901-2B

Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
-Q27.2	1	CIRCUIT-BREAKER SPRING-L. CONN. 5A	3RV2011-1FA20	SIE	SIE.3RV2011-1FA20
-Q27.2	1	LATERAL AUXILIARY SWITCH 2S, SPRING-L. CONNECTION	3RV2901-2B	SIE	SIE.3RV2901-2B
-Q35.1	1	CIRCUIT BREAKER, SCREW-TYPE, 32 A	3RV2031-4EB15	SIE	SIE.3RV2031-4EB15
-Q35.1	1	TRANSVERSE AUX. SWITCH, 1NO+1NC, SCREW CONNECTION	3RV2901-1E	SIE	SIE.3RV2901-1E
-Q36.2	1	SENTRON Miniature circuit breaker	5SY4316-7		SIE.5SY4316-7
-Q36.2	1	SENTRON Auxiliary current switch Mountable	5ST3010		SIE.5ST3010
-Q41.1	1	SENTRON Miniature circuit breaker	5SY4206-7		SIE.5SY4206-7
-Q41.1	1	SENTRON Fault signal contact Mountable	5ST3020		SIE.5ST3020
-Q60.1	1	SENTRON Miniature circuit breaker	5SY4203-8		SIE.5SY4203-8
-Q60.1	1	SENTRON Fault signal contact Mountable	5ST3020		SIE.5ST3020
-Q60.1	1	SENTRON Auxiliary current switch Mountable	5ST3010		SIE.5ST3010
-Q60.1	0				
-Q63.2	1	SENTRON Miniature circuit breaker	5SY6106-7		SIE.5SY6106-7
-Q63.2	1	SENTRON Auxiliary current switch Mountable	5ST3010		SIE.5ST3010
-Q63.2	0				
-Q71.1	1	SENTRON Miniature circuit breaker	5SY4206-7		SIE.5SY4206-7
-Q71.1	1	SENTRON Fault signal contact Mountable	5ST3020		SIE.5ST3020
-R1	1	Relay Module	RIF-2-RSC-LDP-24DC/4X21	PXC	PXC.2903320
-R2	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-R3	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-R4	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-R5	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-R6	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-R7	0				
-RM1	1	Monitoring relay, 3 phase + neutral AC line monitoring - AC (50/60 Hz) - 380...415 V	70.41.8.400.2030	FIN	FIN.70.41.8.400.2030
-RQ1	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ1	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ2	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ2	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ3	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ3	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ4	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ4	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ5	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ5	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ6	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ6	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ7	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ7	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ8	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ8	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ9	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ9	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ10	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ10	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ11	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ11	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ12	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ12	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ13	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ14	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ15	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ16	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ17	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RS1	2	Monolithic push-button- LED - Spring Rtn -1NO - blue - 24v		SE	SE.XB7NW36B1
-RSTOP1	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308

			Date	24/08/2023	EPLAN	SC TEHNIMARKET SRL	Parts list : SIE.3RV2011-1FA20 - PXC.2903308	= CA1		
			Ed	Nelu				+ EAA		
			Appr						IEC_bas001	Page 60.d
Modification	Date	Name	Original		Replacement of	Replaced by				Page 69 / 81

Cable diagram

F09_001

Cable name =CA1+EAA-W1		Cable type H07RN-F		No. of conductors 4		Cross-section 4,0		Cable length		Function text	
Function text		X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text		
					GNYE						
		/20.a.2		R	BN	-F1	2	/20.a.2			
		/20.a.2		S	BK	-F1	4	/20.a.2			
		/20.a.2		T	GY	-F1	6	/20.a.2			
		/20.a.2		N		-F1	8	/20.a.2			
									</		

Cable diagram

F09_001

[illegible]

Cable diagram

F09_001

Cable name =CA1+EAA-WC86.1		Cable type YSLY-JZ 20X1 GR		No. of conductors 20		Cross-section 1		Cable length		Function text	
Function text		X-Ref	Target designation from	Connection point	Conductor	Target designation to		Connection point	X-Ref	Function text	
		/8.5		1	WH	-X11		1	/8.5		
		/8.7		1	BN	-X11		3	/8.7		
		/8.5		1	GN	-X11		2	/8.5		
		/8.7		1	YE	-X11		4	/8.7		
		/10.2		1	GY	-X11		5	/10.2		
		/10.2		1	PK	-X11		6	/10.2		
		/12.3		1	BU	-X11		7	/12.3		
		/12.3		1	RD	-X11		8	/12.3		
		/20.2		1	BK	-X11		9	/20.1		
		/20.2		1	VT	-X11		10	/20.1		
		/20.4		1	GYPK	-X11		11	/20.3		
		/20.4		1	RDBU	-X11		12	/20.3		
		/20.6		1	WHGN	-X11		13	/20.6		
		/20.6		1	BNGN	-X11		14	/20.6		
		/20.9		1	WHYE	-X11		15	/20.8		
		/20.9		1	YEBN	-X11		16	/20.8		
					WHGY						
					GYBN						
					WHPK						
					PKBN						

Cable diagram

F09_001

Cable name =CA1+EAA-WC240.1	Cable type YSLY-JZ 12X1,5 GR		No. of conductors 12		Cross-section 1,5	Cable length		Function text
Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text
				GNYE				
	/18.1		4	1	-X6	1	/18.1	
	/18.2		5	2	-X6	2	/18.2	
	/18.3		6	3	-X6	3	/18.3	
	/18.3		7	4	-X6	4	/18.3	
	/18.6		12	5	-X6	5	/18.6	
	/18.6		13	6	-X6	6	/18.6	
	/18.7		14	7	-X6	7	/18.7	
	/18.8		15	8	-X6	8	/18.8	
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				10				
				11				
				</				

Cable diagram

F09_001

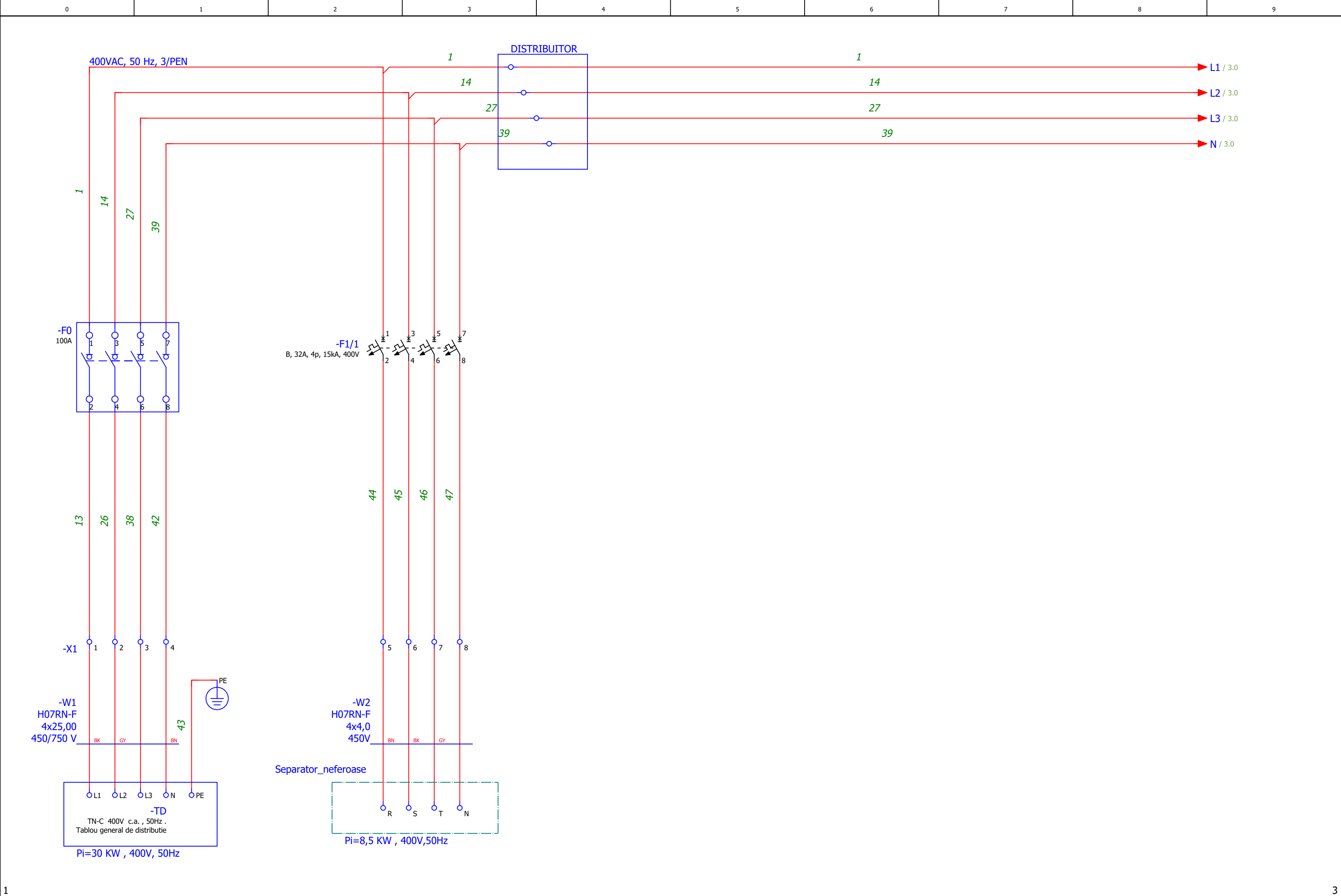
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Function text		X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text		
		/4.4	-X3	4	BN	-M35.1	U1	/4.4	VACUUM FAN		
		/4.4	-X3	5	BK	-M35.1	V1	/4.4	=		
		/4.4	-X3	6	GY	-M35.1	W1	/4.4	=		
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Sc TEHNIMARKET Srl

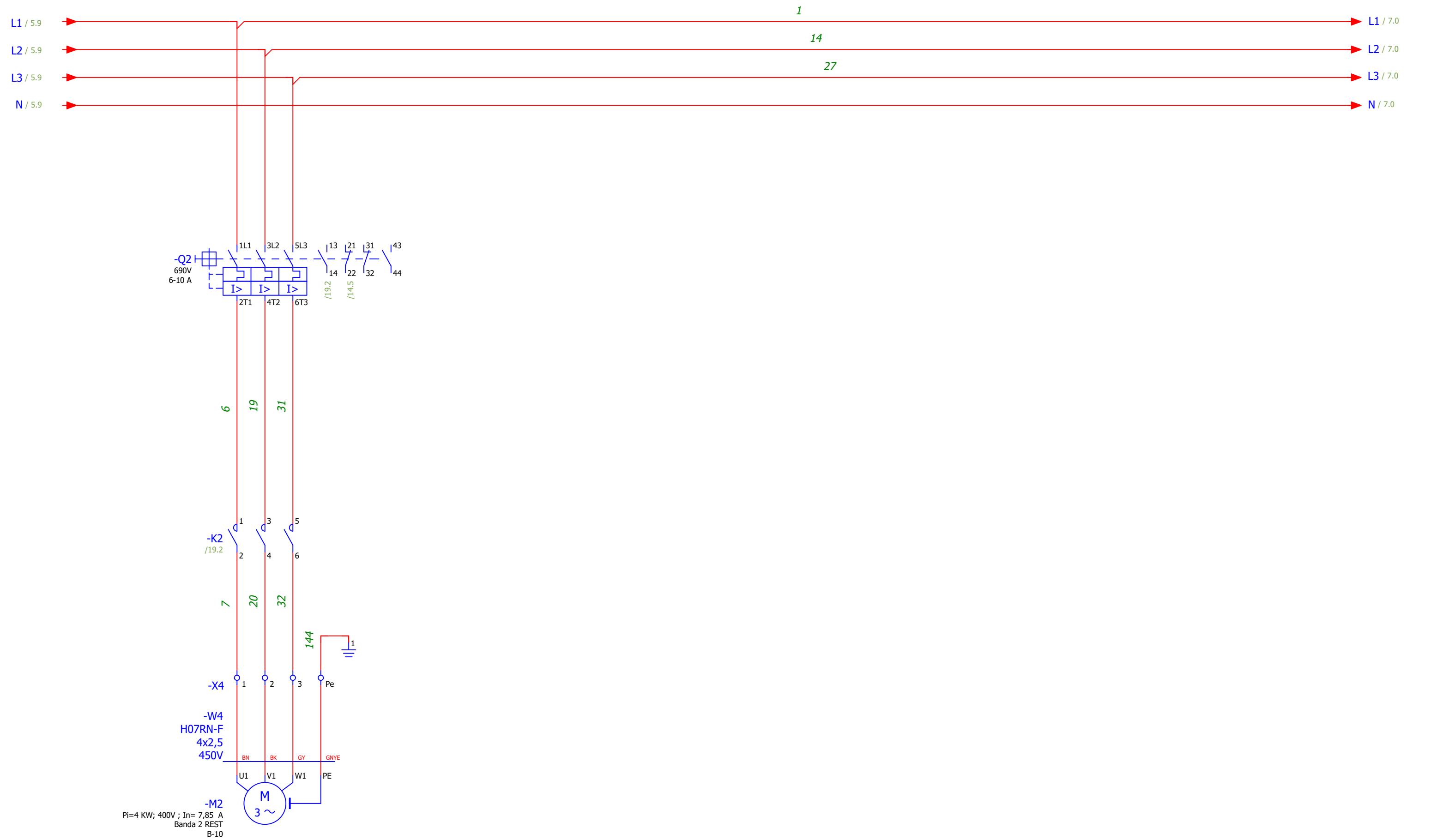
Str. Arcadie Septilici Nr. 1C
600234 BACAU
Phone +49 (0)2173 - 39 64 - 0

Company / customer	Statie sortare ROiesti
Project description	TE_evacuare si compactare REST
Job number	IEC_bas001
Commission	EPLAN
Manufacturer (company)	Sc TEHNIMARKET Srl
Path	EPLAN sample project
Project name	TE_4_Cap_presare
Make	
Type	
Place of installation	
Responsible for project	Murgulet Ioan
Part feature	
Created on	23/03/2023
Edit date	07/04/2023
	by (short name) Nelu
	Number of pages 40

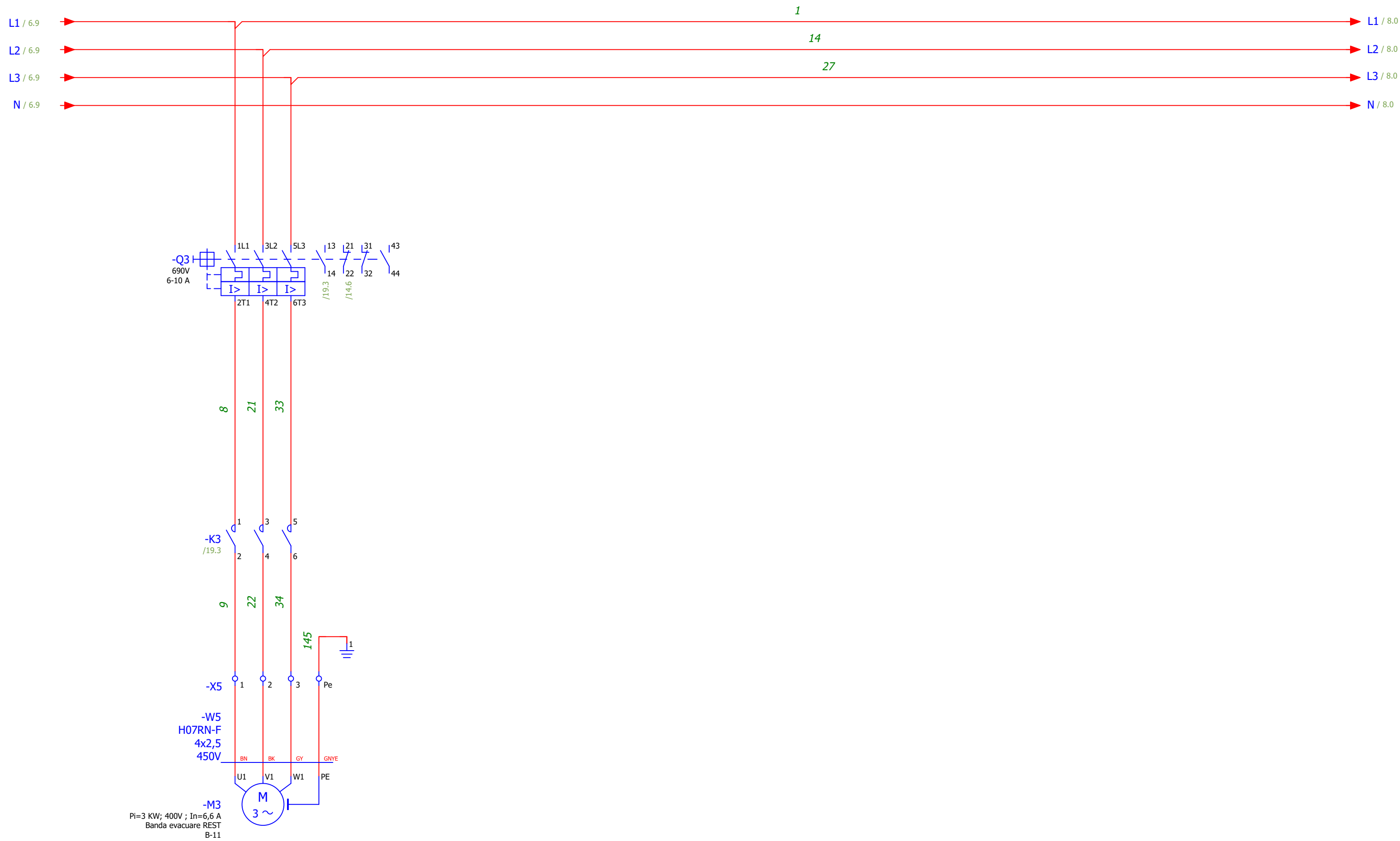




3	1.1
IN1	
-A0	
/10.5	
I2.0	
Safety relay OK	
Confirmare	

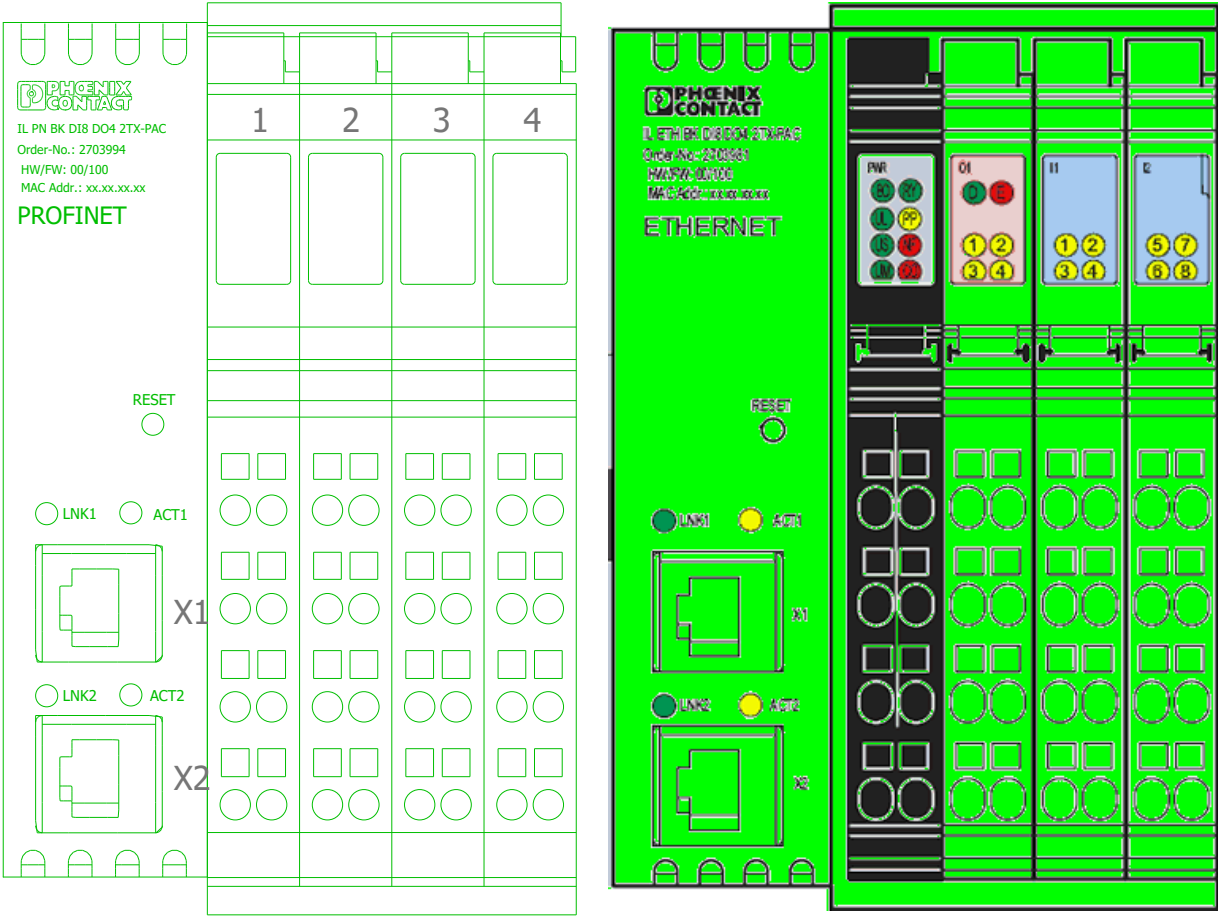


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			Ed	Nelu							+ EAA	
			Appr									
Modification	Date	Name	Original		Replacement of	Replaced by				IEC_bas001	Page	6
											Page	6 / 40

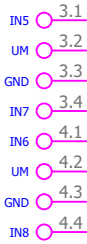
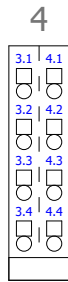
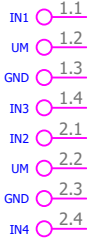
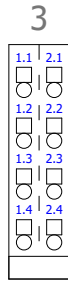
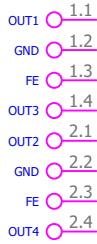
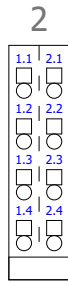
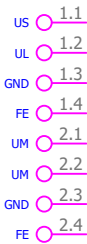
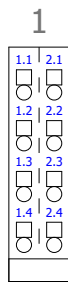




-A0



IL PN BK DI8 D04 2TX-PAC

[illegible]

Q1.4			
Q1.5			
Q1.6			
Q1.7			

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12.1			
12.2			
12.3			

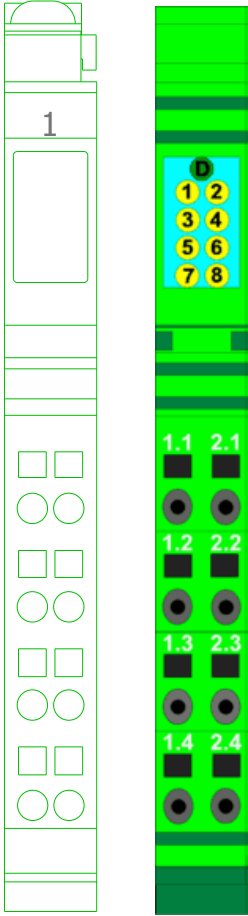
12.4			
12.5			
12.6			
12.7			

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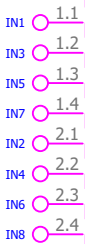
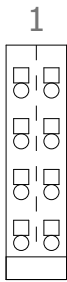
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			Ed	Nelu							+ EAA	
			Appr						TE_evacuare si compactare REST			IEC_bas001
Modification	Date	Name	Original		Replacement of	Replaced by				Page	10 / 40	



-A1



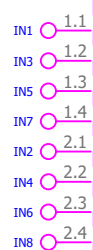
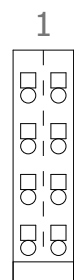
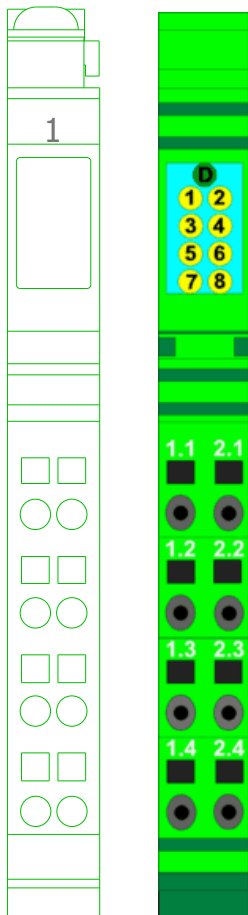
IB IL 24 DI8/HD-PAC



I1.0	Selector Man	MANUAL	/14.0
I1.1	Selector Aut	AUTOMAT	/14.2
I1.2	Monitorizare_RM	Secvnta_faza	/14.3
I1.3	Fault M1	Defect_M1	/14.4
I1.4	Fault M2	Defect_M2	/14.5
I1.5	Fault M3	Defect_M3	/14.6
I1.6	Fault M4	Defect_M4	/14.7
I1.7	Fault M5	Defect_M5	/14.8



-A2



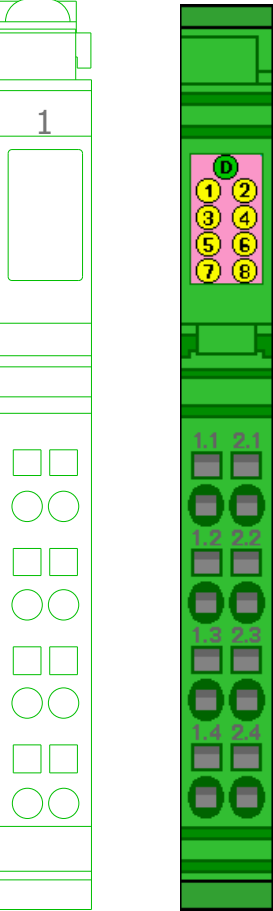
I7.5	Buton urgenta	BU0_pe T.E.	/15.1
I7.6	Buton urgenta	BU1	/15.2
I7.7	Buton urgenta	BU2	/15.3
I8.0	Buton urgenta	BU3	/15.4
I8.1	Buton urgenta	BU4	/15.6
I8.2	Buton urgenta	BU5	/15.7
I8.3			
I8.4			

[illegible][illegible][illegible][illegible]

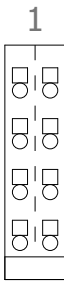
IB IL 24 DI8/HD-PAC



-A3



IB IL 24 DO 8/HD-ECO

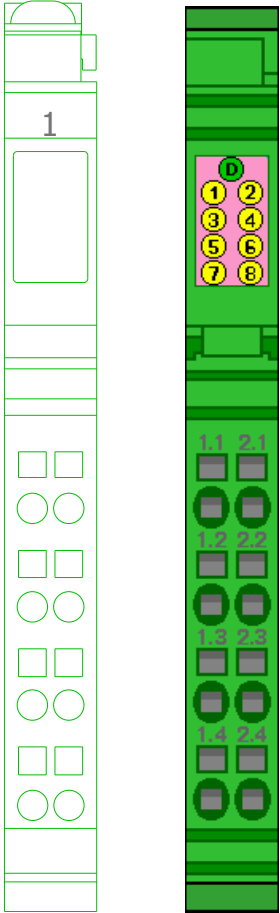


- OUT01 1.1
- OUT03 1.2
- OUT05 1.3
- OUT07 1.4
- OUT02 2.1
- OUT04 2.2
- OUT06 2.3
- OUT08 2.4

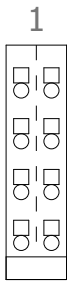
Q0.4	Comanda	Cmd_start_M1	/16.1
Q0.5	Comanda	Cmd_start_M2	/16.2
Q0.6	Comanda	Cmd_start_M3	/16.3
Q0.7	Comanda	Cmd_start_M4	/16.4
Q1.0	Comanda	Cmd_start_M5	/16.5
Q1.1	Comanda	Cmd_valve_forward	/16.6
Q1.2	Comanda	Cmd_valve_backword	/16.7
Q1.3	Comanda	Cmd_turn_GREEN_auto_run	/16.9



-A4



IB IL 24 DO 8/HD-ECO

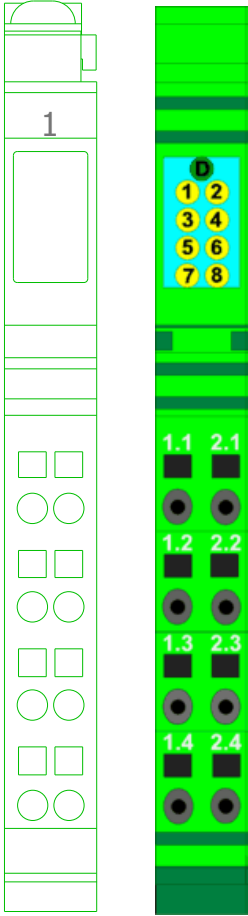


- OUT01 1.1
- OUT03 1.2
- OUT05 1.3
- OUT07 1.4
- OUT02 2.1
- OUT04 2.2
- OUT06 2.3
- OUT08 2.4

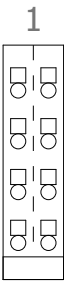
Q3.0	Comanda	Cmd_turn_rosu_fault	/17.1
Q3.1	Comanda	Cmd_turn_albastru_full_container	/17.2
Q3.2	Semnalizare	Semn_lampa_yello_80%_load	/17.3
Q3.3	Semnalizare	Semn_lampa_100%_load	/17.4
Q3.4	Semnalizare_sonora	Semn_hupa_start_linie	/17.5
Q3.5	Semnalizare_sonora	Semn_hupa_fault	/17.6
Q3.6			
Q3.7			



-A5



IB IL 24 DI8/HD-PAC

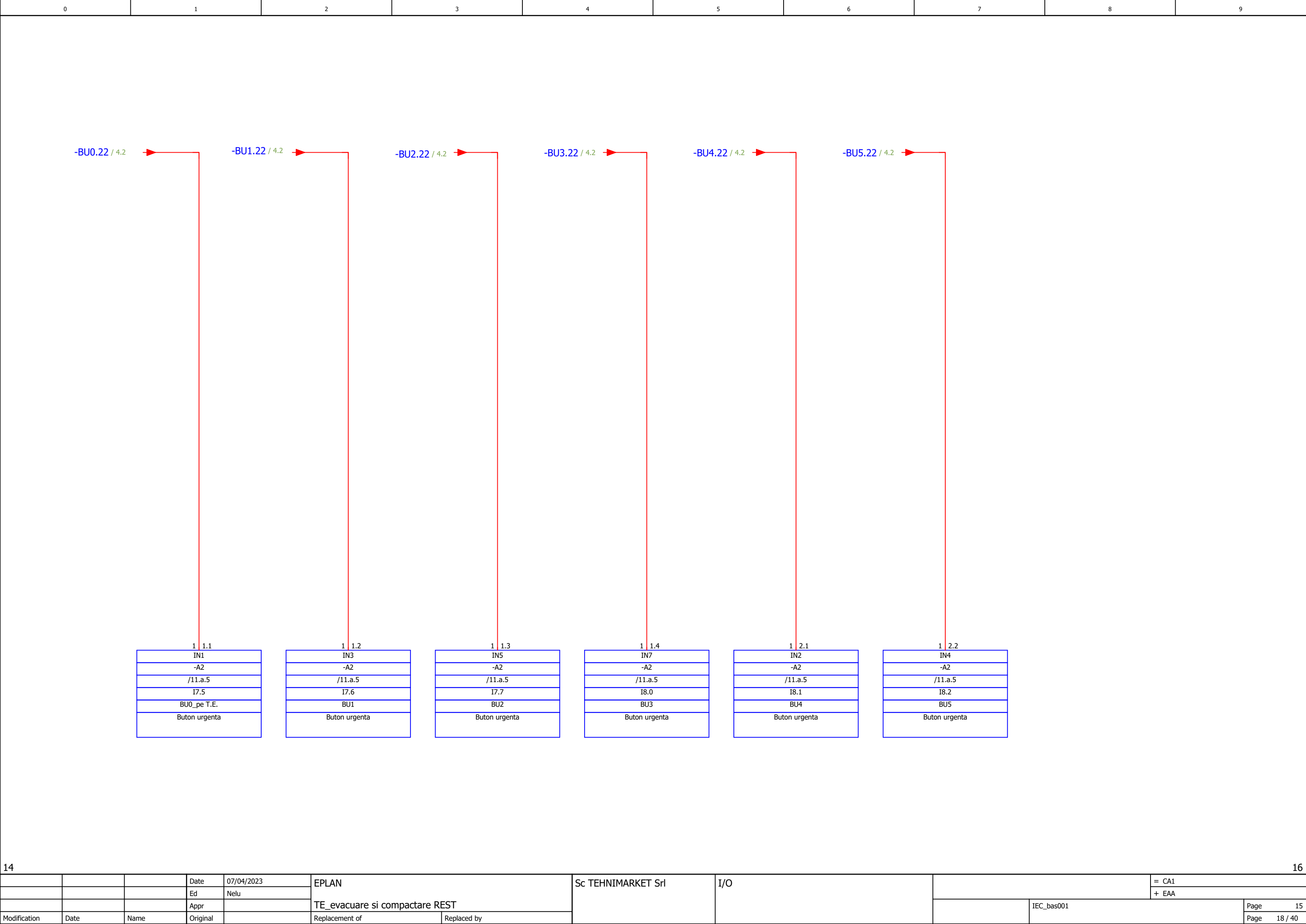


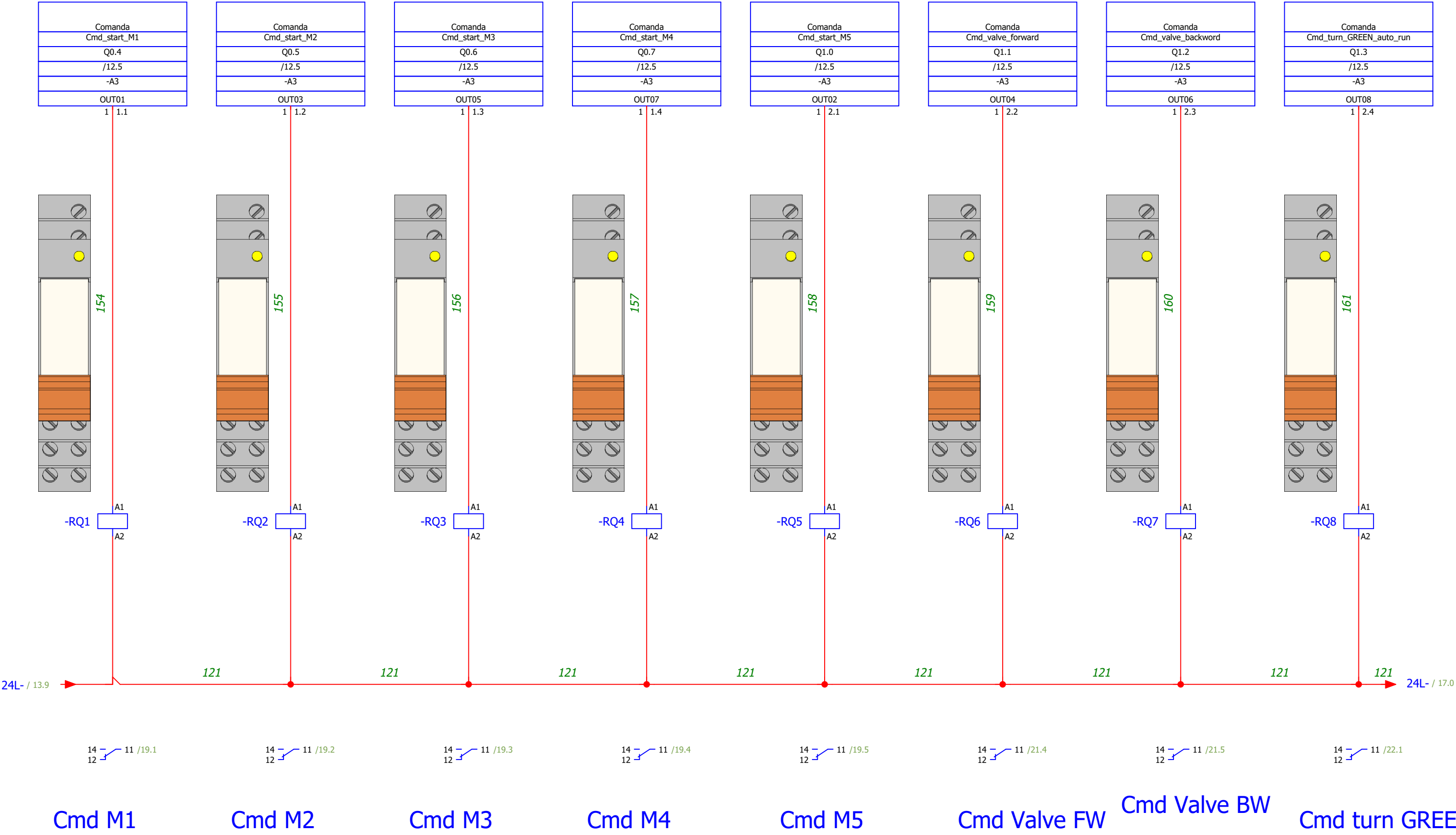
- IN1 1.1
- IN3 1.2
- IN5 1.3
- IN7 1.4
- IN2 2.1
- IN4 2.2
- IN6 2.3
- IN8 2.4

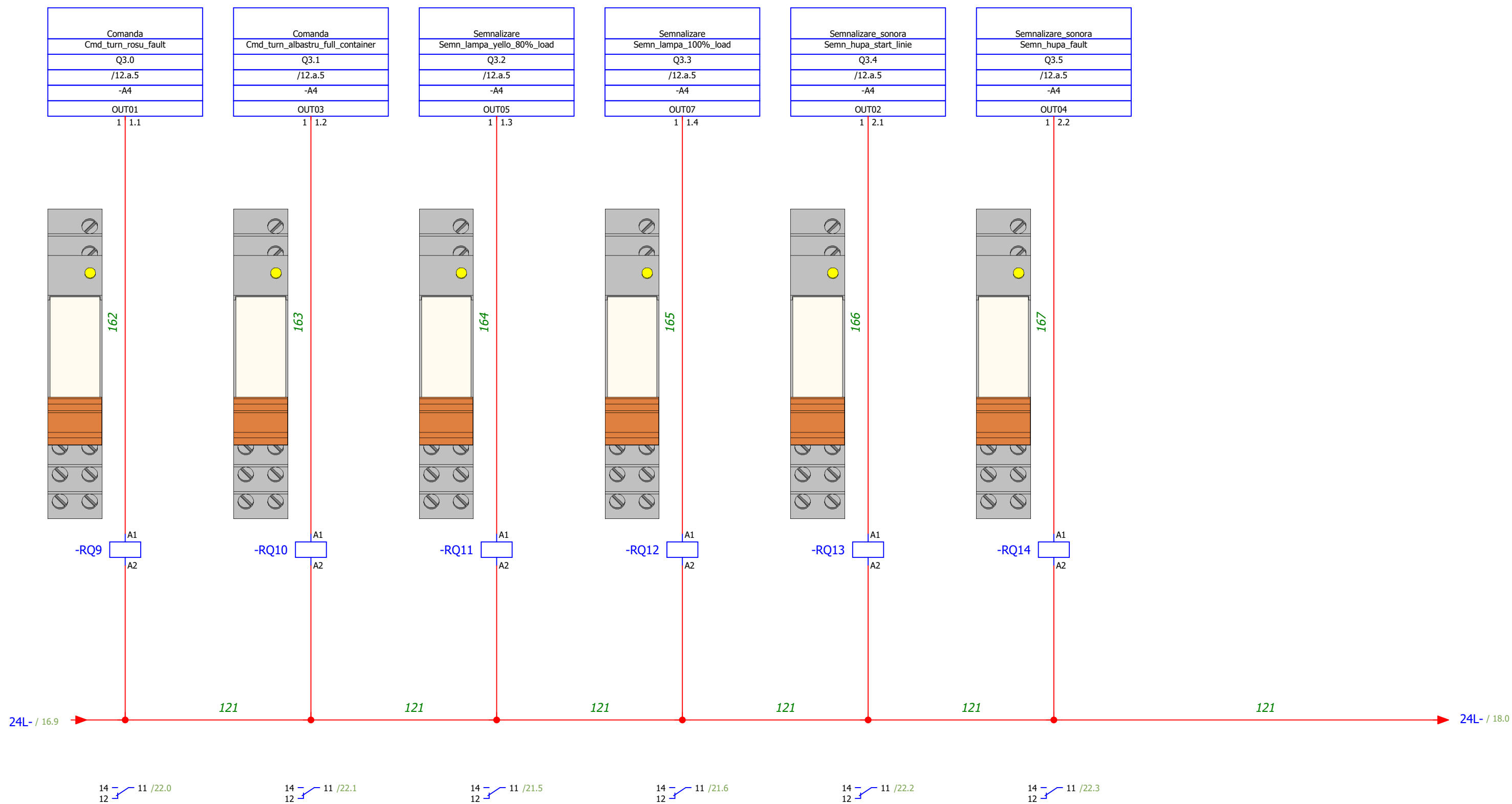
I8.5	Comanda manuala	BWD	/19.6
I8.6	Comanda manuala	FWD	/19.7
I8.7	Level sensor	Oil sensor	/20.4
I9.0	Pressure switch	180 bar	/20.6
I9.1	Pressure switch	160 bar	/20.7
I9.2	Conf_cont_lipit_de_presa	Senzor_inductiv	/21.1
I9.3	Conf_cont_lipit_de_presa	Senzor_inductiv	/21.3
I9.4			

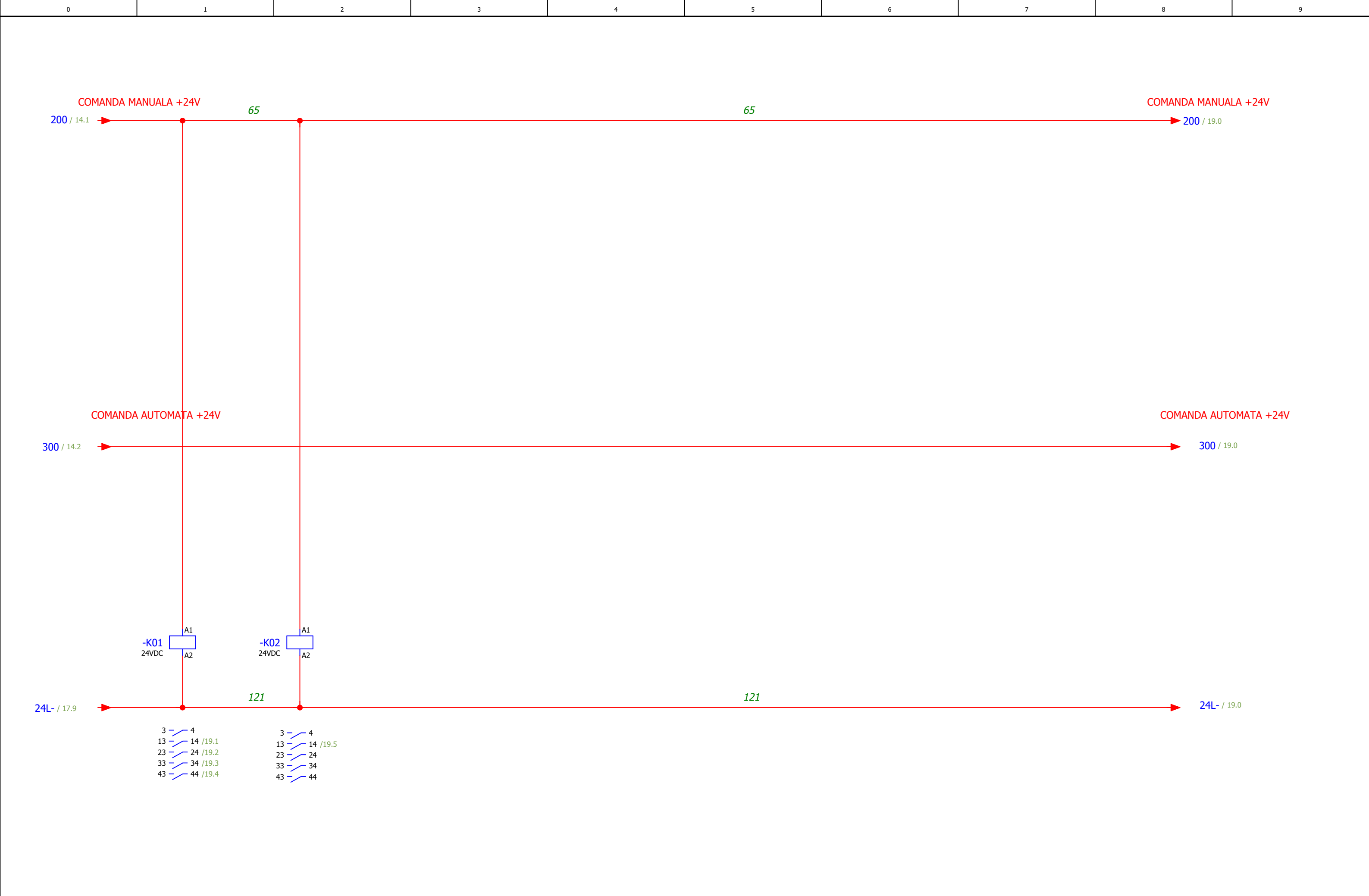




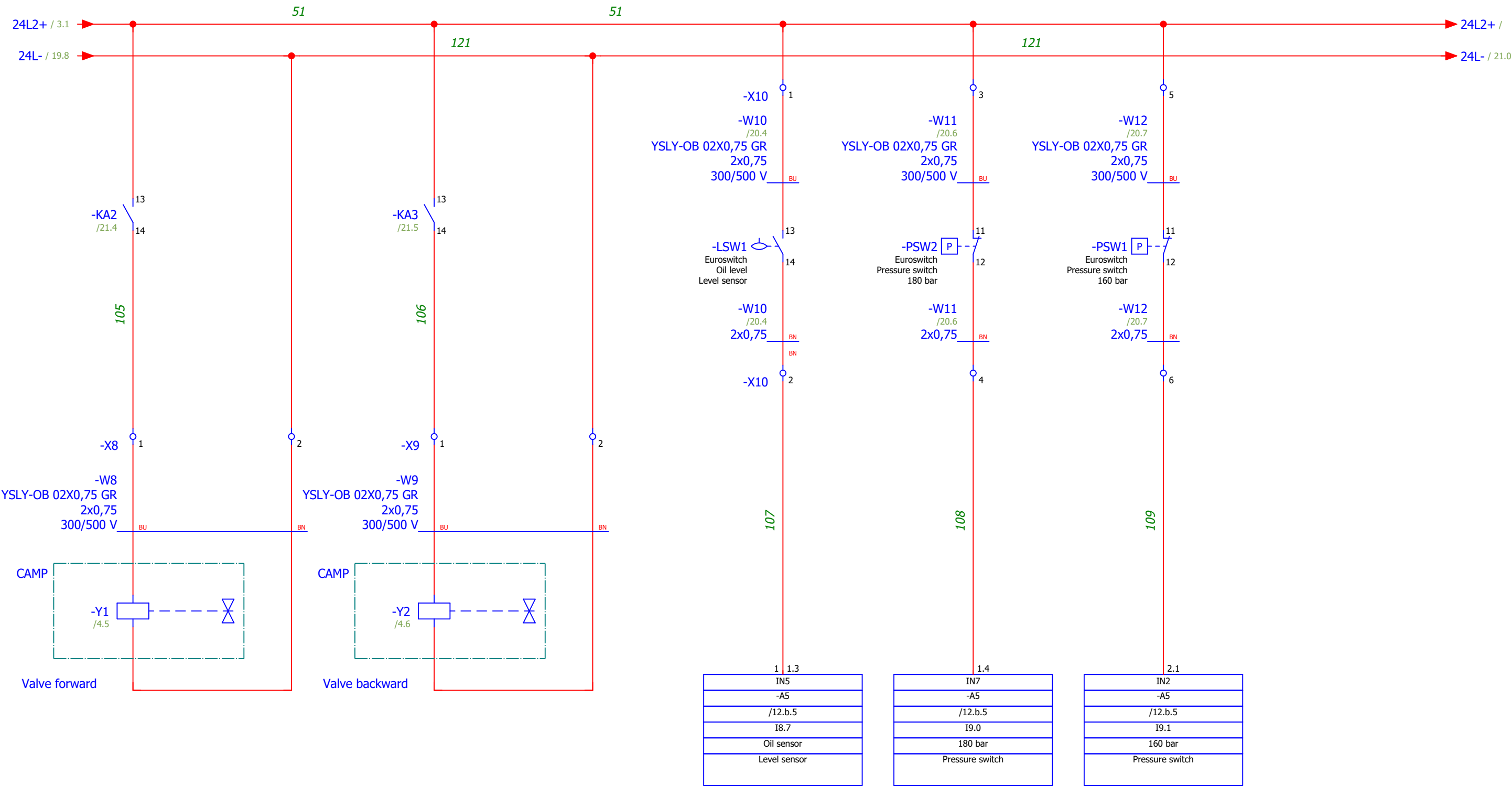


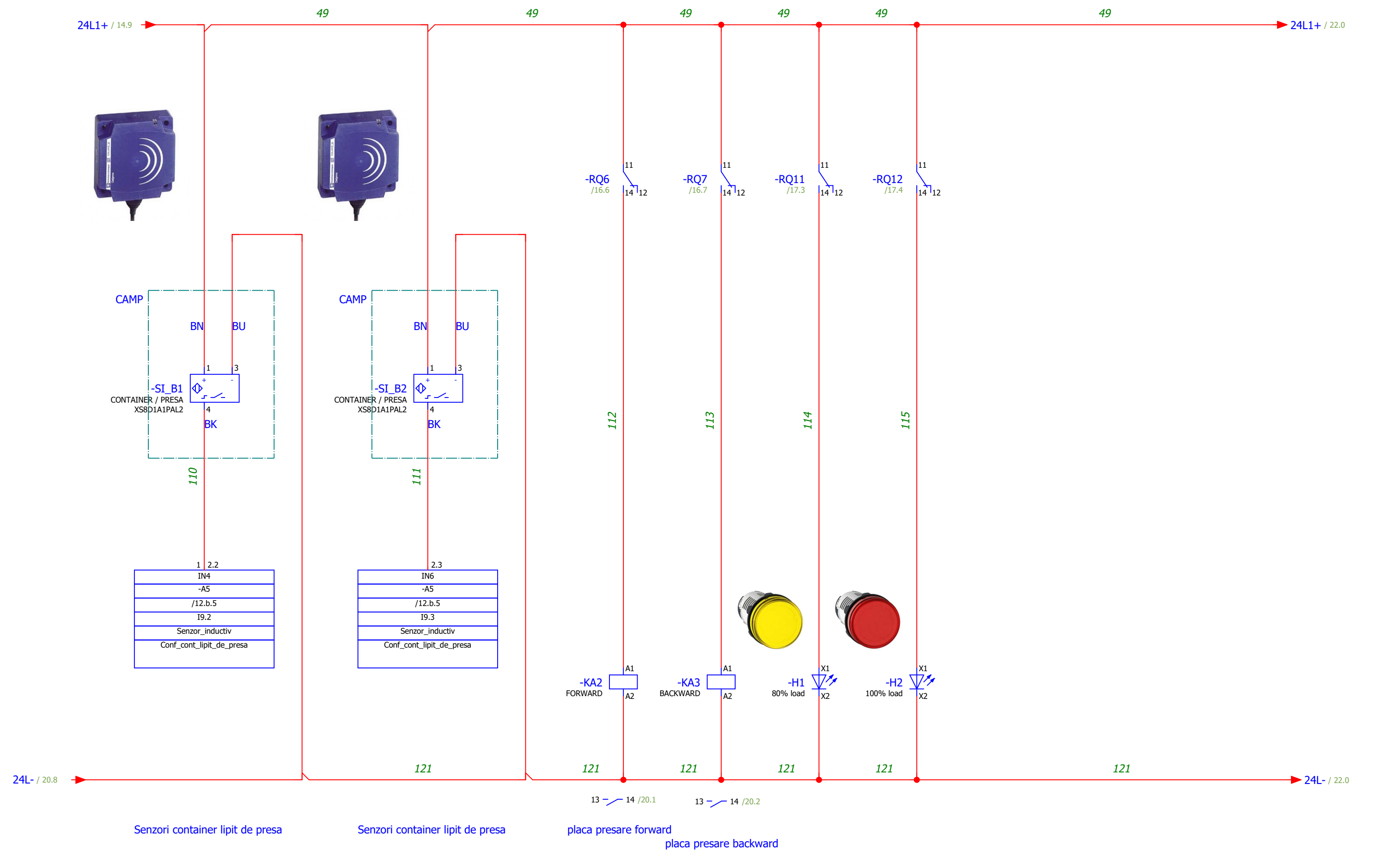












Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
-K4	1	Contactora, 3p+1N/O, 3kW/400V/AC3	DILM7-10(24VDC)	ETN	ETN.DILM7-10(24VDC)
-K4	1	Auxiliary contact module, 1N/O+1N/C	DILM32-XHI11	ETN	ETN.DILM32-XHI11
-K5	0				
-K6	0				
-K7	0				
-K8	0				
-K9	0				
-K10	0				
-K11	0				
-K12	0				
-K13	0				
-K14	0				
-K15	0				
-K16	0				
-K17	0				
-K18	0				
-KA2	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-KA3	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-LP_Tablou1	1				STE.02540.0-03
-LS	1				ETN.LS-11
-LSW1	0				
-M1	0				
-M2	0				
-M3	0				
-M4	0				
-M5	0				
-P1	1				ETN.SL7-BL24-B
-P2	1				ETN.SL7-BL24-G
-P3	1				ETN.SL7-FL24-R
-P4	1				ETN.SL7-BL24-B
-P5	1				ETN.SL7-BL24-G
-P6	1	Flashing light module	SL7-BL24-R	ETN	ETN.SL7-BL24-R
-P7	1	Acoustic module	SL7-AP24-M	ETN	ETN.SL7-AP24-M
-P8	1	Acoustic module	SL7-AP24-M	ETN	ETN.SL7-AP24-M
-PRIZA_SERVICE1	0				
-PRIZA_SERVICE2	0				
-PSW1	0				
-PSW2	0				
-Q1	1	Motor circuit breaker, TeSys Deca, 3P, 6-10 A, thermal magnetic, screw clamp terminals	GV2ME14	SE	SE.GV2ME14
-Q1	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q1	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q2	1	Motor circuit breaker, TeSys Deca, 3P, 6-10 A, thermal magnetic, screw clamp terminals	GV2ME14	SE	SE.GV2ME14
-Q2	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q2	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q3	1	Motor circuit breaker, TeSys Deca, 3P, 6-10 A, thermal magnetic, screw clamp terminals	GV2ME14	SE	SE.GV2ME14
-Q3	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q3	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q4	1	Motor circuit breaker, TeSys Deca, 3P, 4-6.3 A, thermal magnetic, screw clamp terminals	GV2ME10	SE	SE.GV2ME10
-Q4	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q4	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q5	1	Motor circuit breaker, TeSys Deca, 3P, 13-18 A, thermal magnetic, screw clamp terminals	GV2ME20	SE	SE.GV2ME20
-Q5	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q5	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-R1	0				
-R1	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-RM	1	Monitoring relay, 3 phase + neutral AC line monitoring - AC (50/60 Hz) - 380...415 V	70.41.8.400.2030	FIN	FIN.70.41.8.400.2030

Parts list

[illegible]

			Date	07/04/2023	EPLAN		Sc TEHNIMARKET Srl	Parts list : PXC.2967060 -			= CA1	
			Ed	Nelu							+ EAA	
			Appr						TE_evacuare si compactare REST			
Modification	Date	Name	Original		Replacement of	Replaced by					IEC_bas001	
											Page 28 / 40	

Cable diagram

F09_001

Cable name =CA1+EAA-W2		Cable type H07RN-F		No. of conductors 4		Cross-section 4,0		Cable length		Function text	
Function text		X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text		
					GNYE						
		/2.2		R	BN	-X1	5	/2.2			
		/2.3		S	BK	-X1	6	/2.3			
		/2.3		T	GY	-X1	7	/2.3			
		/2.3		N		-X1	8	/2.3			

Cable diagram

F09_001

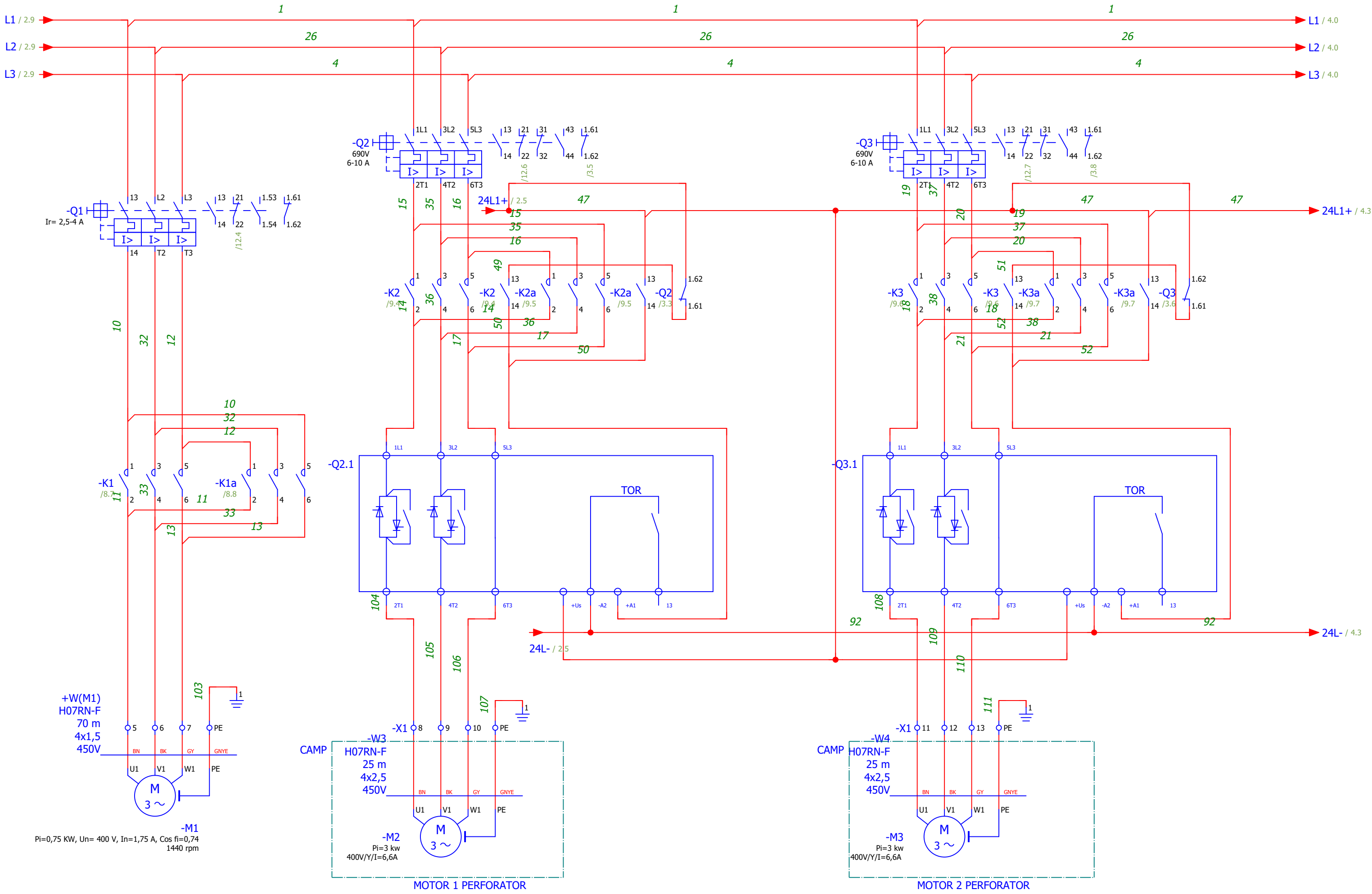
Cable name =CA1+EAA-W8		Cable type YSLY-OB 02X0,75 GR		No. of conductors 2		Cross-section 0,75		Cable length		Function text	
Function text		X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text		
		/20.1	-X8	1	BU	-Y1		/20.1			
		/20.2	-X8	2	BN	-Y1		/20.1			
		</									

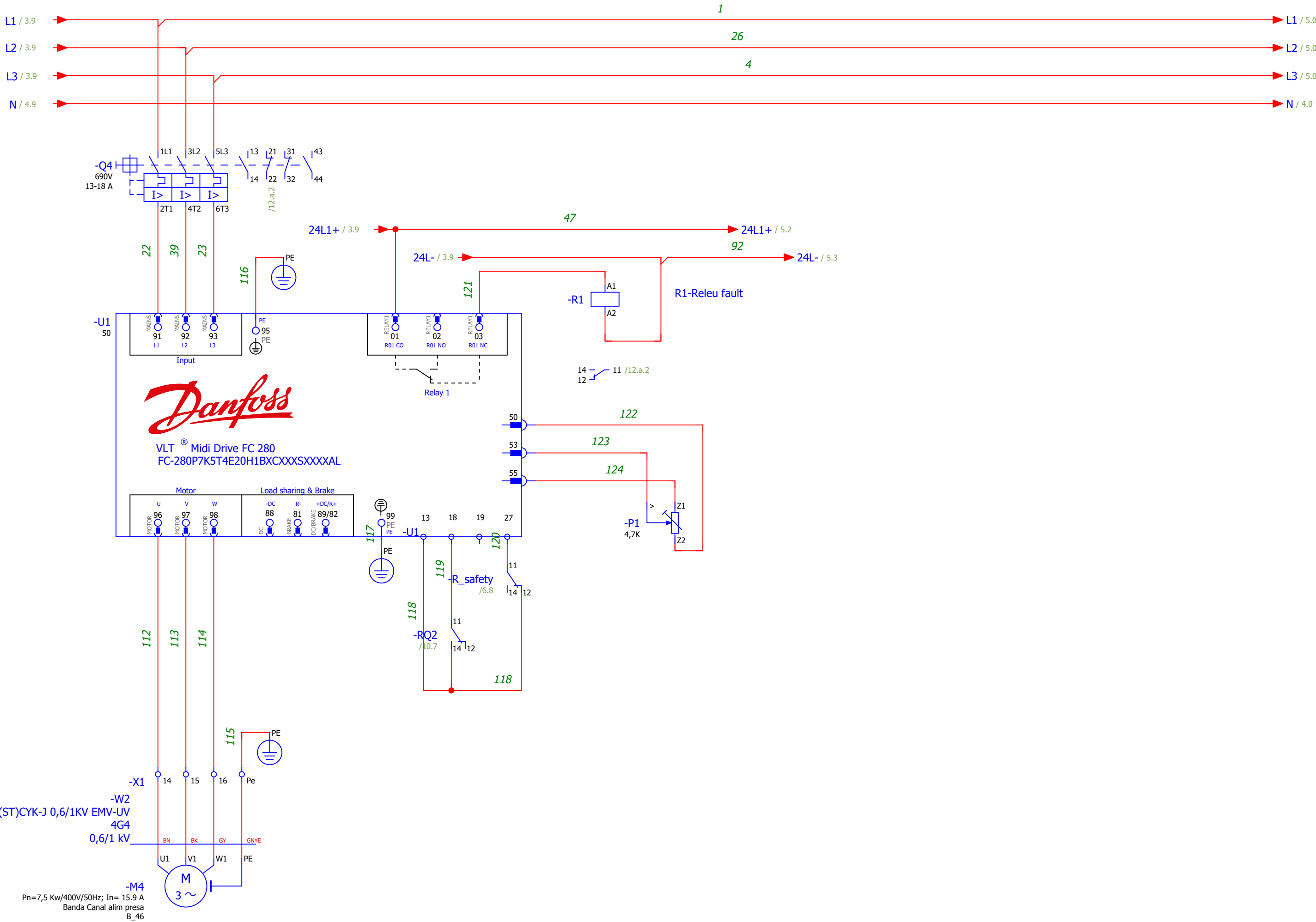


Sc TEHNIMARKET srl

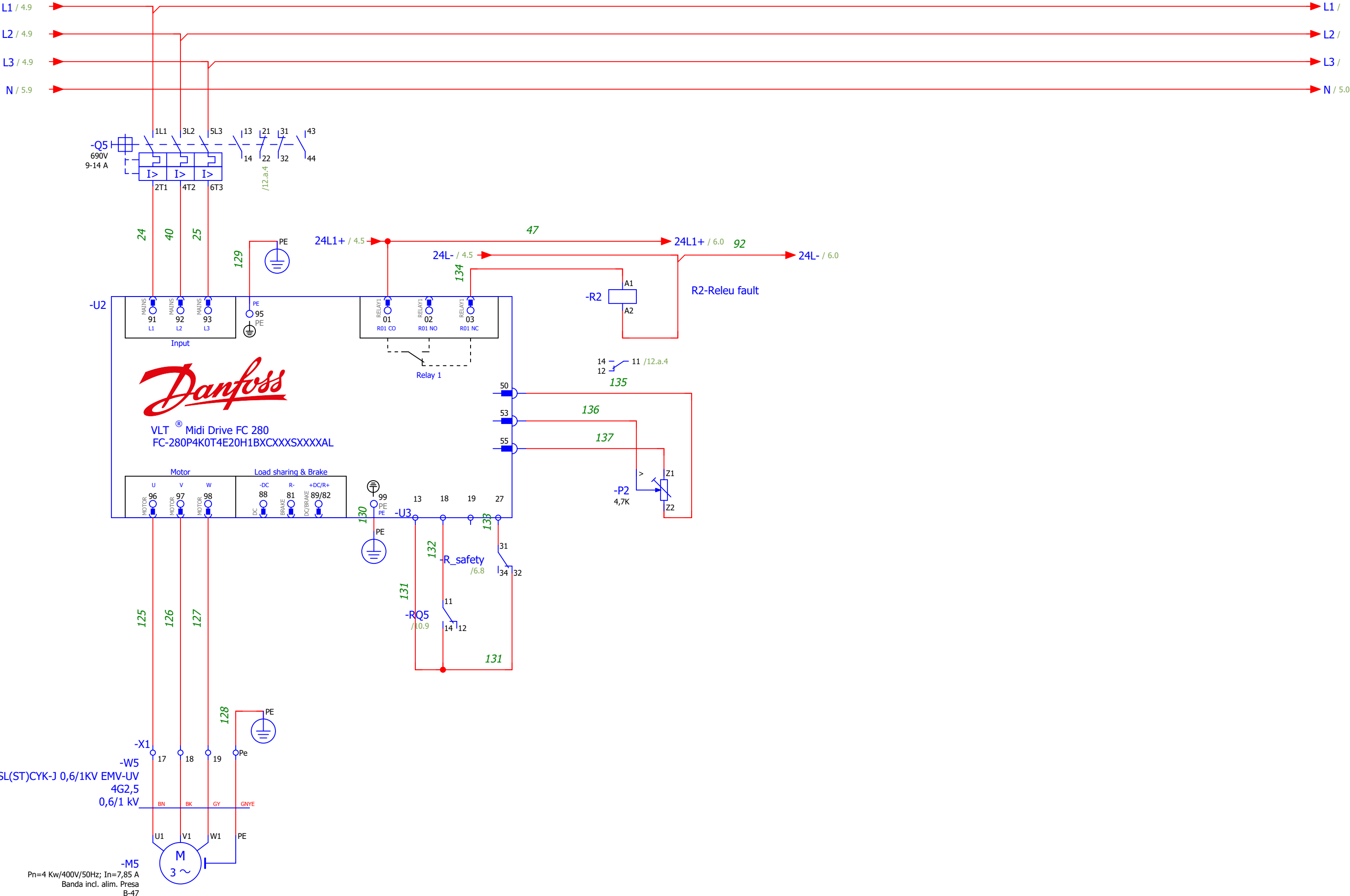
Str.ARCADIE SEPTILICI Nr. 1C
600234 Bacau
Phone

Company / customer	Statie Sortare ROiesti
Project description	TE_Perforator PET
Job number	IEC_bas001
Commission	EPLAN
Manufacturer (company)	Sc TEHNIMARKET srl
Path	EPLAN sample project
Project name	TE_5_Perforator PET
Make	
Type	
Place of installation	
Responsible for project	Murgulet Ioan
Part feature	
Created on	24/03/2023
Edit date	26/06/2023
	by (short name) Nelu
	Number of pages 21

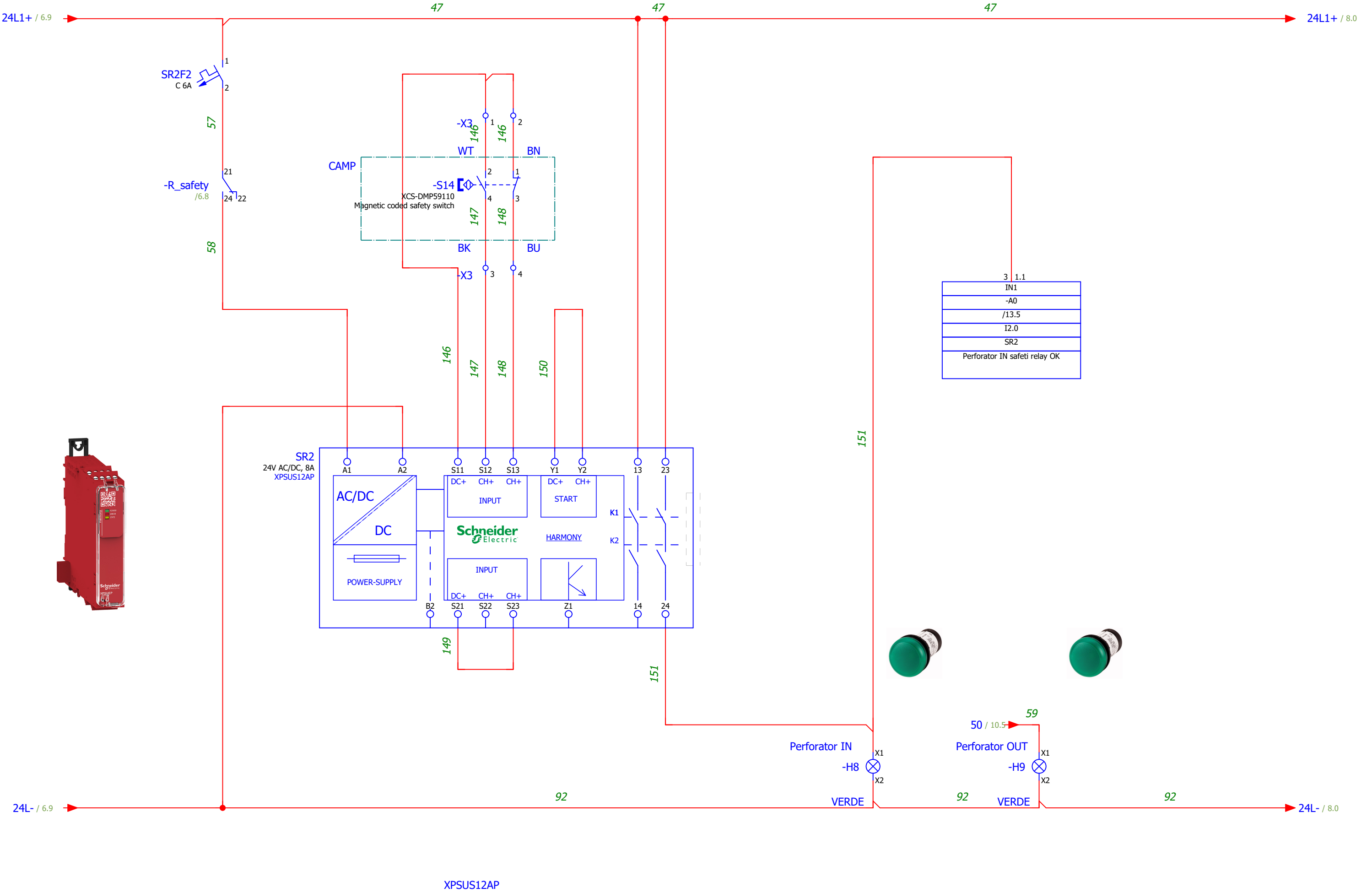


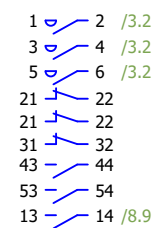


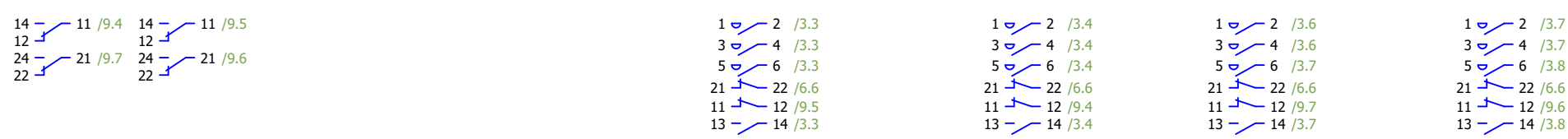
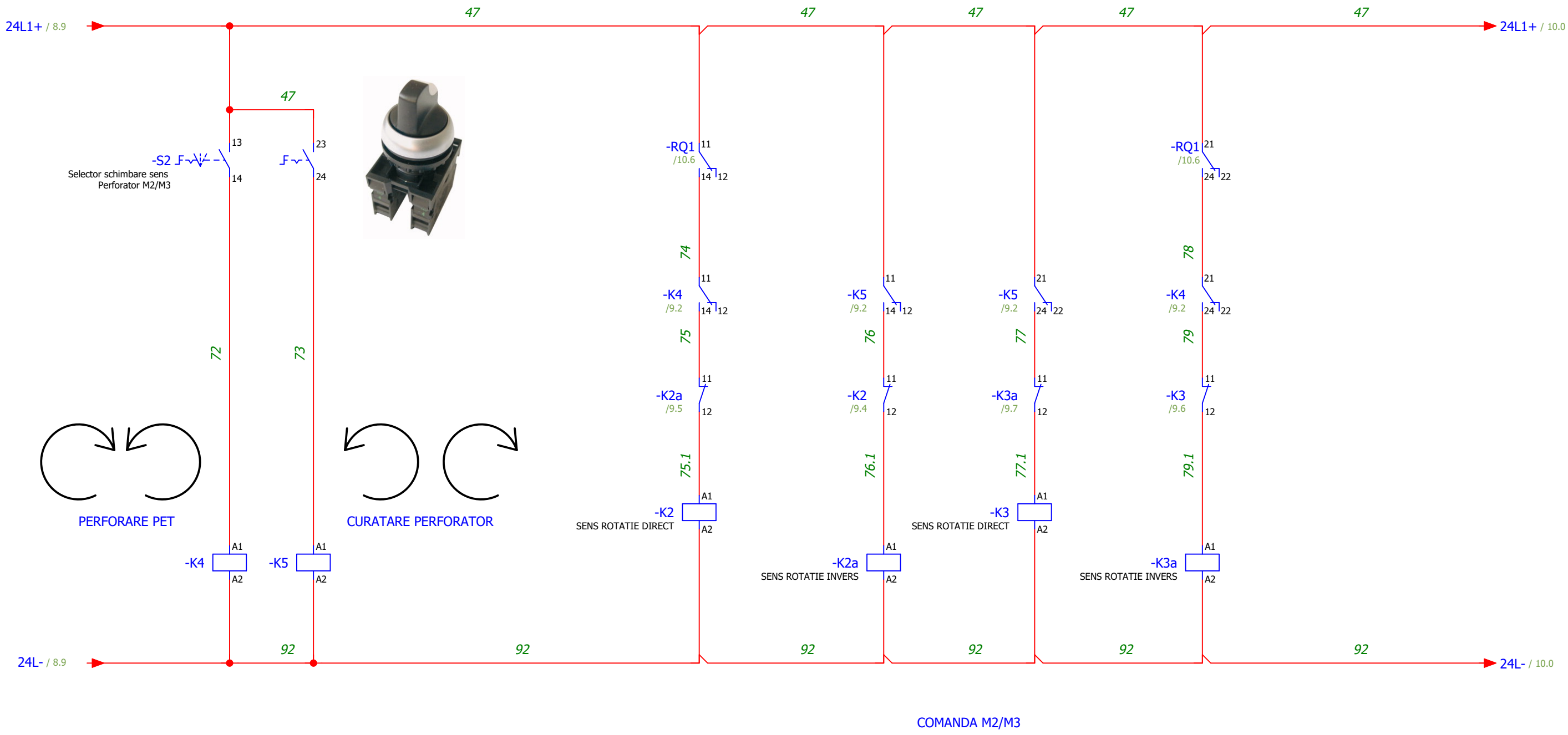
3			B_46										5		
			Date	28/03/2023	EPLAN		Sc TEHNIMARKET srl	Banda canal			= CA1				
			Ed	Nelu							+ EAA				
			Appr						TE_Perforator PET						
Modification	Date	Name	Original		Replacement of	Replaced by				IEC_bas001	Page	4			
											Page	4 / 21			

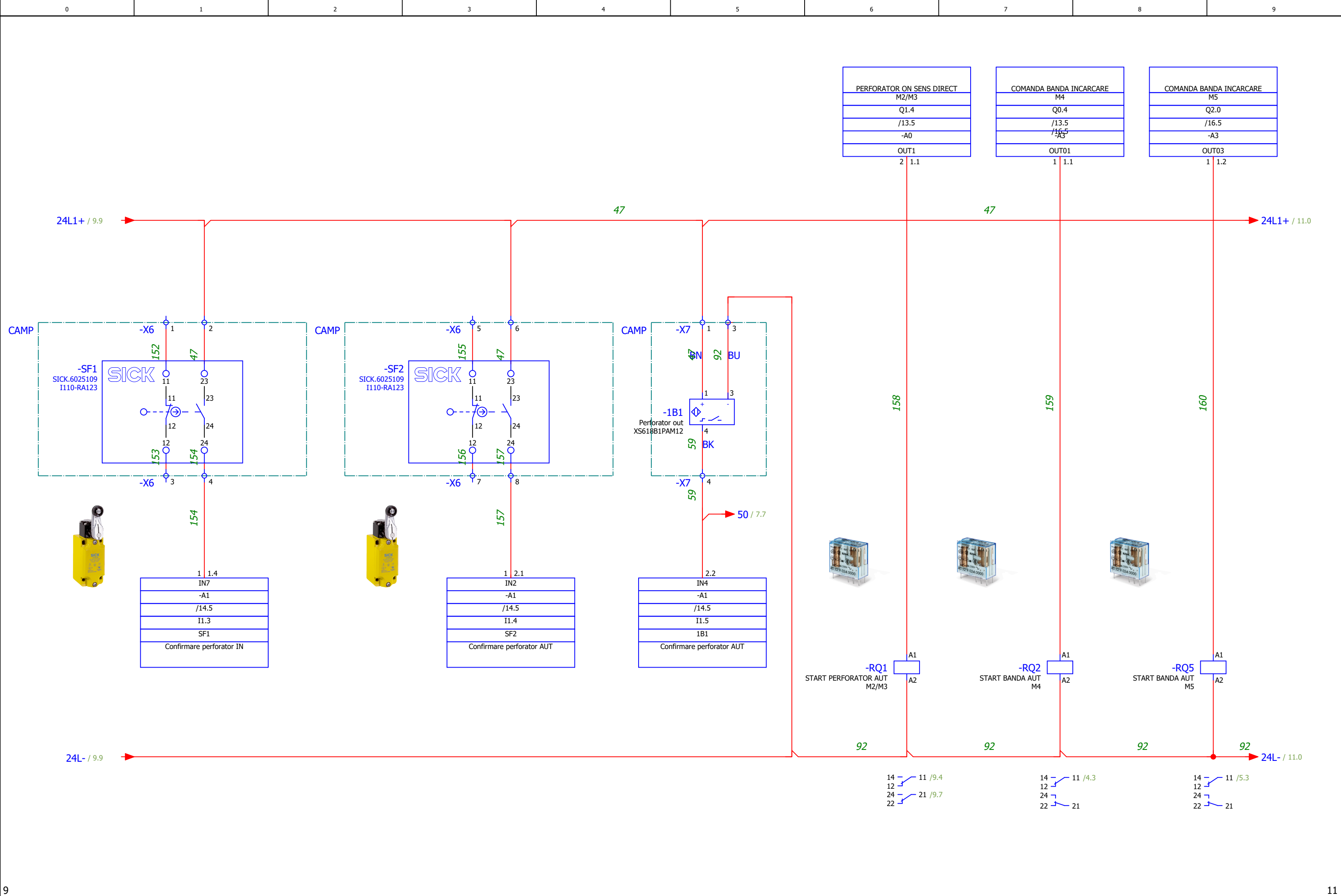


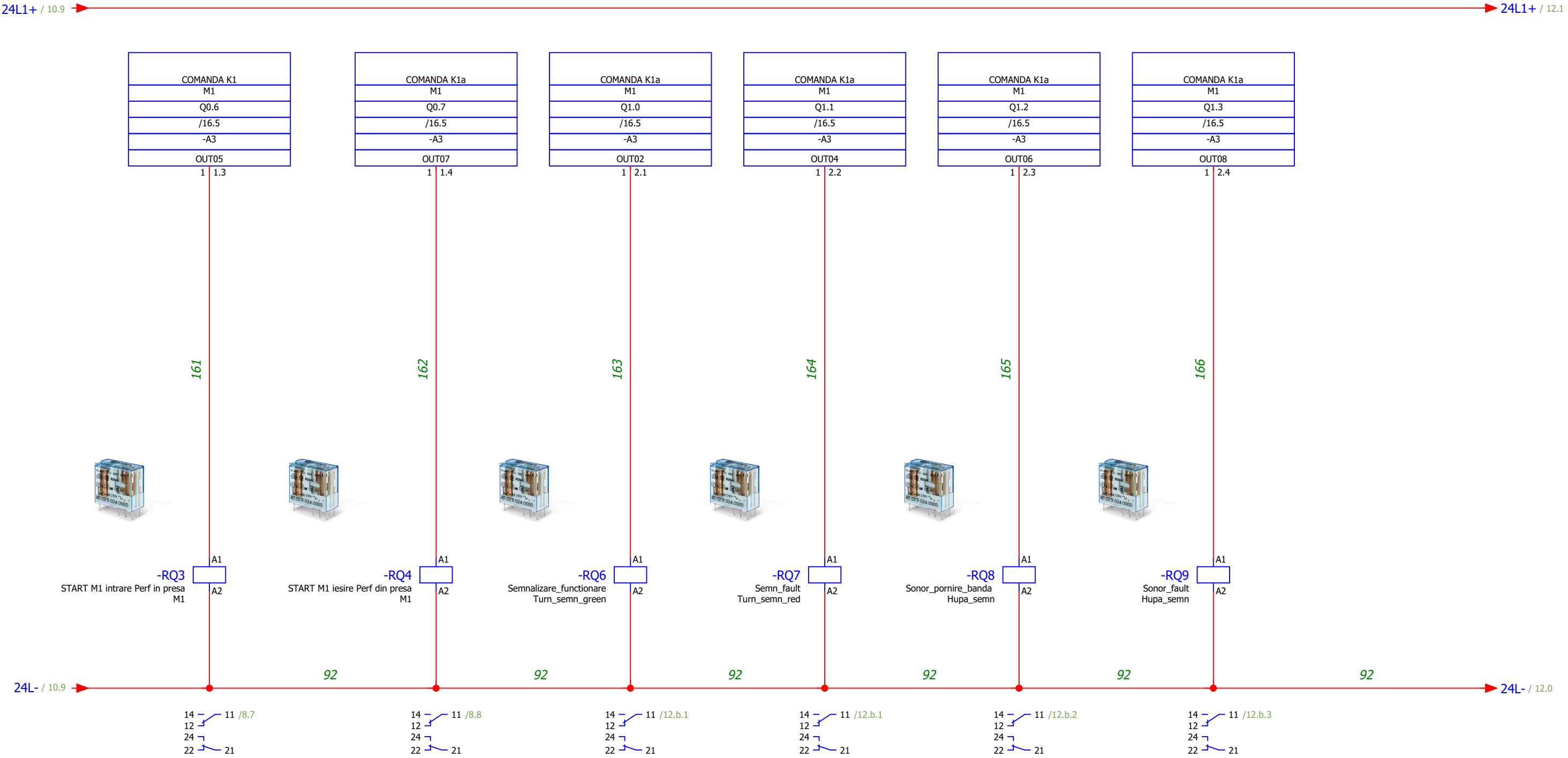
B-4/										6									
			Date	28/03/2023	EPLAN				Sc TEHNIMARKET srl	Banda inclinata					= CA1				
			Ed	Nelu											+ EAA				
			Appr		TE_Perforator PET														
Modification	Date	Name	Original		Replacement of		Replaced by								IEC_bas001		Page	5	
																	Page	5 / 21	

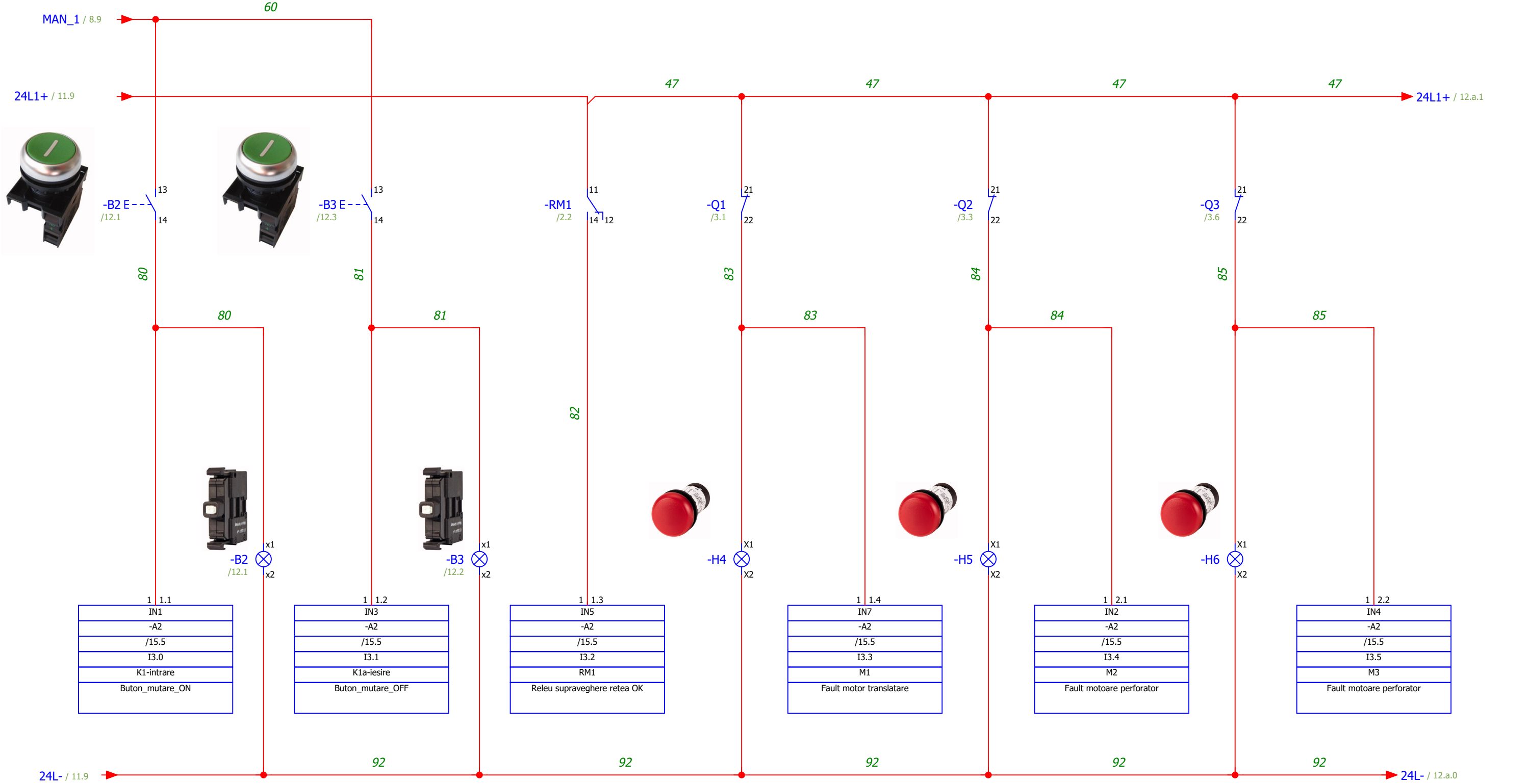


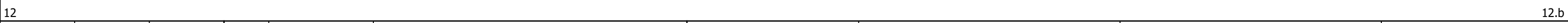




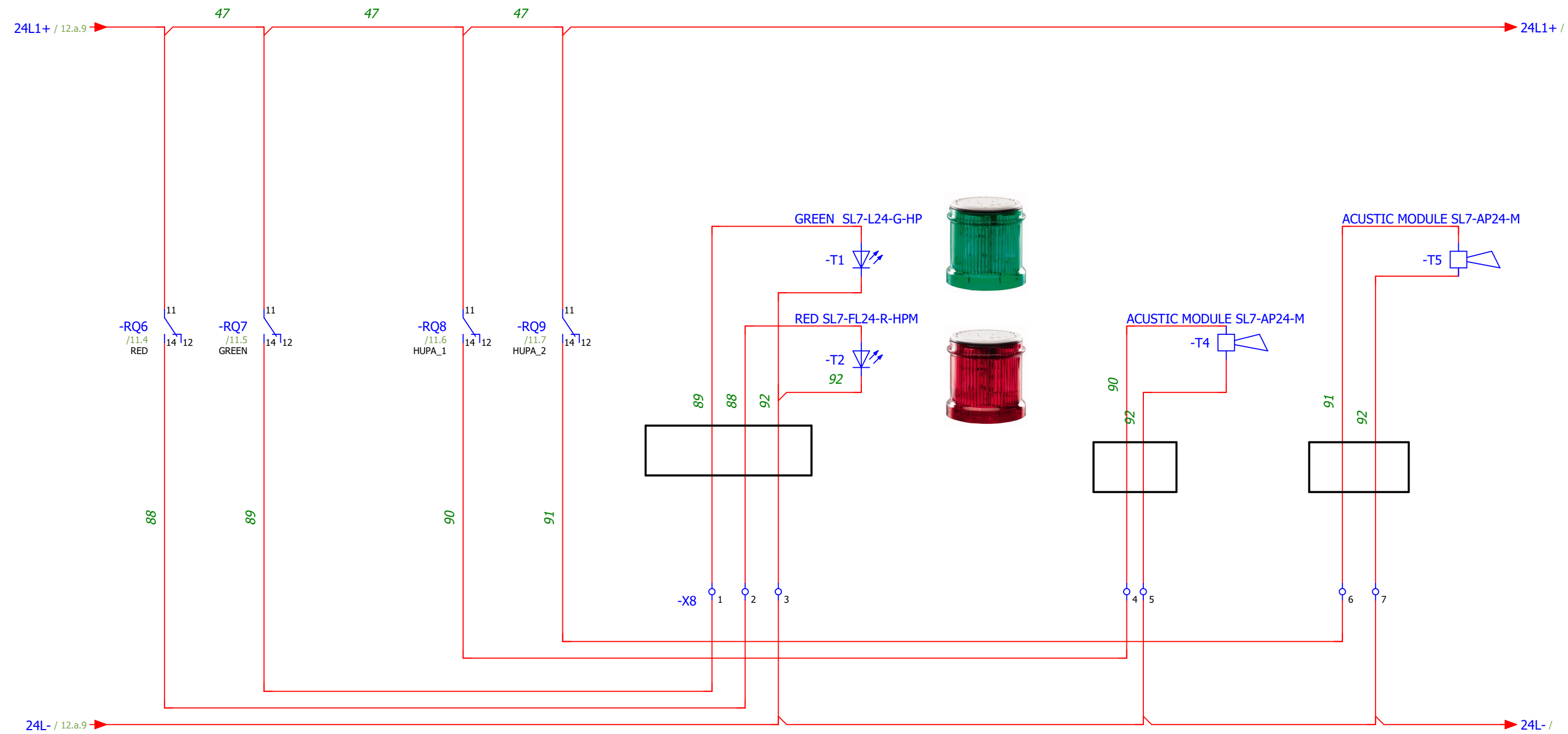








			Date	28/03/2023	EPLAN		Sc TEHNIMARKET srl	Fault			= CA1	
			Ed	Nelu							+ EAA	
			Appr						TE_Perforator PET			IEC_bas001
Modification	Date	Name	Original		Replacement of	Replaced by					Page	13 / 21

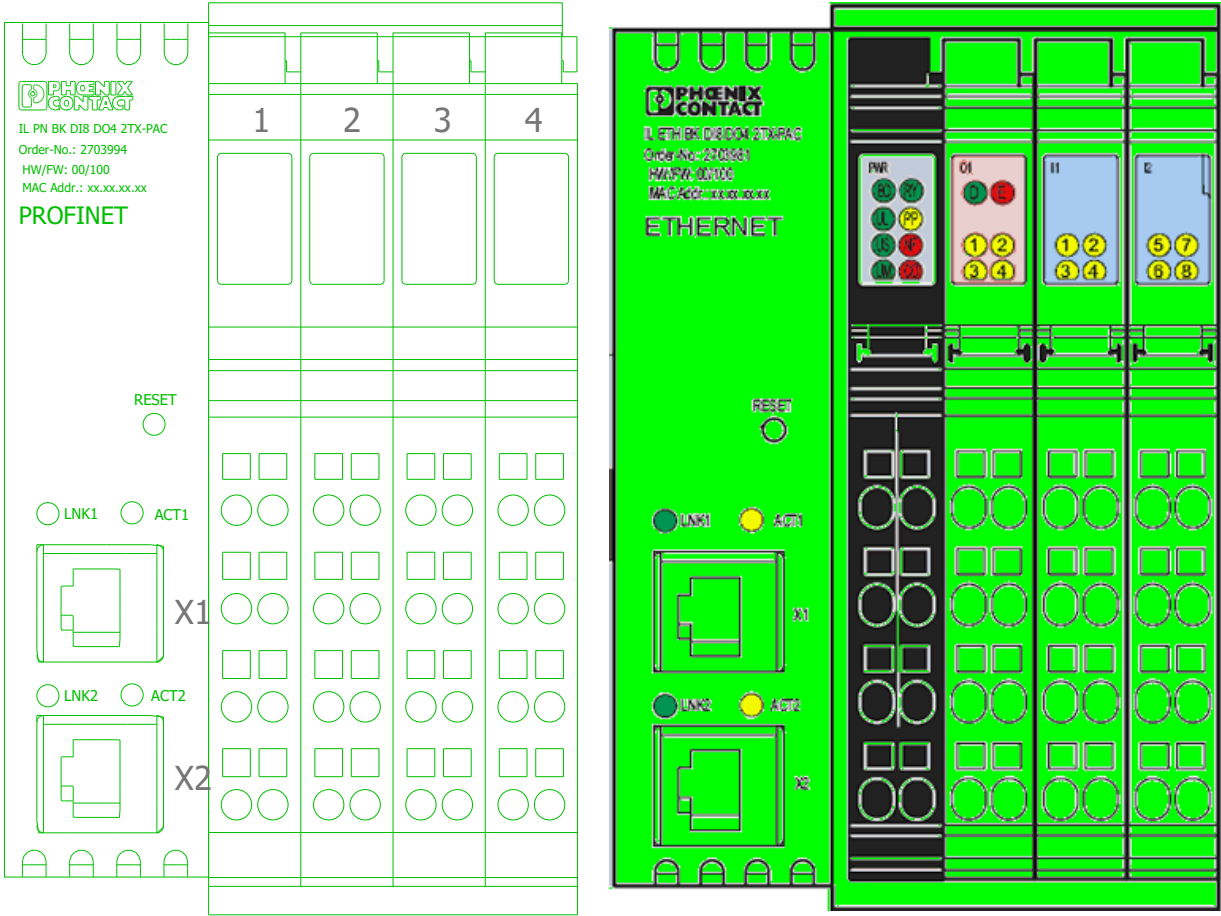


Notatii pe cablu de la turn luminos, verde galben-comun/ 1-albastru/2-verde/3-rosu

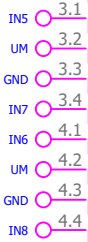
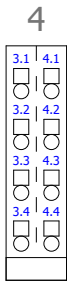
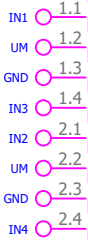
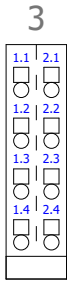
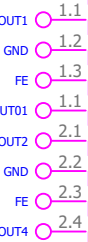
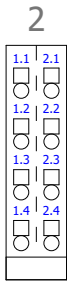
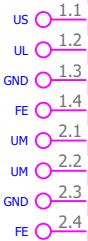
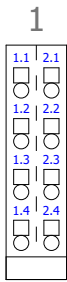
Notatii pe cablu de la turn sonor, verde galben-comun/ 1- sonor

MONTAJ PE T.E

-A0



IL PN BK DI8 DO4 2TX-PAC



Address:	Function text:	Symbolic Address:	Crossreference:

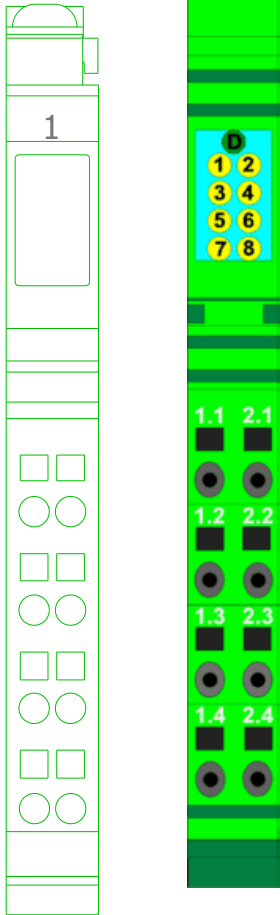
Q1.4	PERFORATOR ON SENS DIRECT	M2/M3	/10.6
Q0.4	COMANDA BANDA INCARCARE	M4	/10.7
Q1.6			
Q1.7			

I2.0	Perforator IN safeti relay OK	SR2	/7.7
I2.1	Selector manual	S1	/8.1
I2.2	Selector automat	S1	/8.2
I2.3	Buton urgenta pe t.e.	BU0	/12.a.6

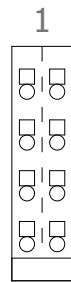
I2.4	Buton urgenta stg banda	BU1	/12.a.7
I2.5	Buton urgenta dr banda	BU2	/12.a.8
I2.6			
I2.7			



-A1



IB IL 24 DI8/HD-PAC



1.1

IN3 1.2

IN5 1.3

IN7  1.4

IN2 2.1

IN4 ○ —

IN6 24

110

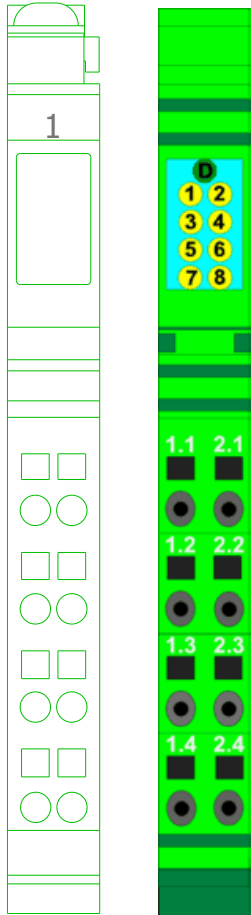
E0.3	Light barrier	Semnal de la presa	/8.3
I1.1	conveyor switch on	Semnal de la presa	/8.4
I1.2	Start AUT echipamente	RC	/8.6
I1.3	Confirmare perforator IN	SF1	/10.1
I1.4	Confirmare perforator AUT	SF2	/10.3
I1.5	Confirmare perforator AUT	1B1	/10.5
I1.6			
I1.7			

[illegible][illegible][illegible][illegible]

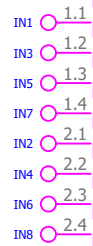
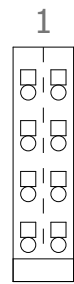
			Date	28/03/2023	EPLAN	
			Ed	Nelu		
			Appr			
					TE_Perforator PET	
Modification	Date	Name	Original		Replacement of	Replaced by



-A2



IB IL 24 DI8/HD-PAC

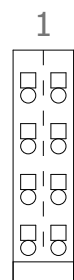
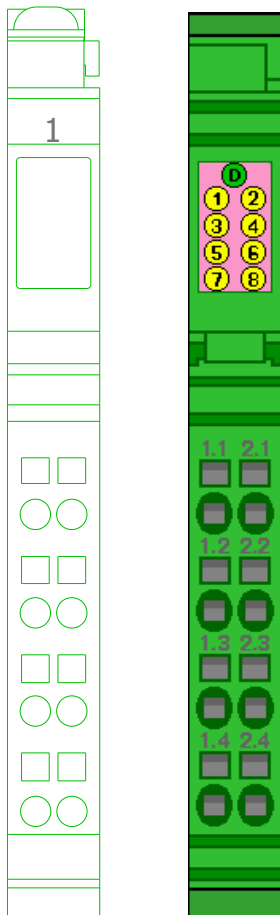


I3.0	Buton_mutare_ON	K1-intrare	/12.1
I3.1	Buton_mutare_OFF	K1a-iesire	/12.2
I3.2	Releu supraveghere retea OK	RM1	/12.3
I3.3	Fault motor translatare	M1	/12.5
I3.4	Fault motoare perforator	M2	/12.7
I3.5	Fault motoare perforator	M3	/12.8
I3.6	Fault motoare banda	M4	/12.a.2
I3.7	Fault motoare banda	M5	/12.a.5

[illegible][illegible][illegible][illegible]



-A3



OUT01	1.1
OUT03	1.2
OUT05	1.3
OUT07	1.4
OUT02	2.1
OUT04	2.2
OUT06	2.3
OUT08	2.4

Q0.4	COMANDA BANDA INCARCARE	M4	/10.7
Q0.5	COMANDA BANDA INCARCARE	M5	/10.9
Q0.6	COMANDA K1	M1	/11.1
Q0.7	COMANDA K1a	M1	/11.2
Q1.0	COMANDA K1a	M1	/11.4
Q1.1	COMANDA K1a	M1	/11.5
Q1.2	COMANDA K1a	M1	/11.6
Q1.3	COMANDA K1a	M1	/11.7

[illegible][illegible][illegible][illegible]

IB IL 24 DO 8/HD-ECO

Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
	0				
-A0	1	Bus coupler	IL PN BK DI8 DO4 2TX-PAC	PXC	PXC.2703994
-A0	0				
-A1	1	Inline terminal	IB IL 24 DI8/HD-PAC	PXC	PXC.2700173
-A2	1	Inline terminal	IB IL 24 DI8/HD-PAC	PXC	PXC.2700173
-A3	1	Inline terminal	IB IL 24 DO 8/HD-ECO		PXC.2702793
-A3	0				
-A?	0				
-B1	1	Green flush/red projecting illuminated double-headed pushbutton Ø22 1NO+1NC 24V	XB4BW73731B5	SE	SE.XB4BW73731B5
-B2	1	Pushbutton actuator, 1N/O, flush, green, front mount	M22-D-G-X1/K10	ETN	ETN.M22-D-G-X1/K10
-B2	1	LED element, green, front mount, 12-30VAC/DC	M22-LED-G	ETN	ETN.M22-LED-G
-B2	0				
-B3	1	Pushbutton actuator, 1N/O, flush, green, front mount	M22-D-G-X1/K10	ETN	ETN.M22-D-G-X1/K10
-B3	1	LED element, green, front mount, 12-30VAC/DC	M22-LED-G	ETN	ETN.M22-LED-G
-B3	0				
-B4	1	LED element, white, front mount, 12-30VAC/DC	M22-LED-W	ETN	ETN.M22-LED-W
-B5	1	LED element, white, front mount, 12-30VAC/DC	M22-LED-W	ETN	ETN.M22-LED-W
-1B1	1				XS618B1PAM12
-BU0	1	Emergency-stop pushbutton, non-illuminated, turn-release	M22-PVT	ETN	ETN.M22-PVT
-BU0	2	Contact element, 1N/O, front mount, 6. contact, screw connection	M22-K10	ETN	ETN.M22-K10
-BU1	0				
-BU2	0				
-CAMP	0				
-F1	1	Residual current circuit-breaker, 40A, 4pole, 300mA, type A	PXF-40/4/03-A	ETN	ETN.PXF-40/4/03-A
-F2	1	Over current switch, 2A, 3p, C-Char, AC	PXL-C2/3	ETN	ETN.PXL-C2/3
-F3	1	Over current switch, 2A, 2p, C-Char, AC	PXL-C2/2	ETN	ETN.PXL-C2/2
-F3.1	1	Over current switch, 6A, 1p, C-Char, DC current	PXL-C6-DC	ETN	ETN.PXL-C6-DC
-F3.2	1	Over current switch, 6A, 1p, C-Char, DC current	PXL-C6-DC	ETN	ETN.PXL-C6-DC
-F4	1	Over current switch, 6A, 1Np, C-Char, AC	FAZ-PN-C6/1N	ETN	ETN.FAZ-PN-C6/1N
-F5	1	Over current switch, 16A, 1Np, C-Char, AC	FAZ-PN-C16/1N	ETN	ETN.FAZ-PN-C16/1N
-F6	1	Over current switch, 2A, 2p, C-Char, AC	PXL-C2/2	ETN	ETN.PXL-C2/2
-FAN_TE1	0				
-G1	1	Power supply unit	TRIO-PS/1AC/24DC/10	PXC	PXC.2866323
-H4	1	Indicator light, compact, flush, red	M22-LC-R	ETN	ETN.M22-LC-R
-H5	1	Indicator light, compact, flush, red	M22-LC-R	ETN	ETN.M22-LC-R
-H6	1	Indicator light, compact, flush, red	M22-LC-R	ETN	ETN.M22-LC-R
-H8	1	LED element, green, front mount, 12-30VAC/DC	M22-LED-G	ETN	ETN.M22-LED-G
-H8	1	Indicator light, flush, green	M22-L-G	ETN	ETN.M22-L-G
-H9	1	Indicator light, flush, green	M22-L-G	ETN	ETN.M22-L-G
-H9	1	LED element, green, front mount, 12-30VAC/DC	M22-LED-G	ETN	ETN.M22-LED-G
-H10	1	Indicator light, compact, flush, red	M22-LC-R	ETN	ETN.M22-LC-R
-H11	1	Indicator light, compact, flush, red	M22-LC-R	ETN	ETN.M22-LC-R
-HL1	1	LED element, white, front mount, 85-264VAC	M22-LED230-W	ETN	ETN.M22-LED230-W
-HL1	1				ETN.M22-L-W
-HL2	1	LED element, white, front mount, 85-264VAC	M22-LED230-W	ETN	ETN.M22-LED230-W
-HL2	1				ETN.M22-L-W
-HL3	1	LED element, white, front mount, 85-264VAC	M22-LED230-W	ETN	ETN.M22-LED230-W
-HL3	1				ETN.M22-L-W
-K1	1	Contactora, 3p+1N/C, 4kW/400V/AC3	DILM9-01(24VDC)	ETN	ETN.DILM9-01(24VDC)
-K1	1	Auxiliary contact module, 2N/O+2N/C	DILM32-XHI22	ETN	ETN.DILM32-XHI22
-K1a	1	Contactora, 3p+1N/C, 4kW/400V/AC3	DILM9-01(24VDC)	ETN	ETN.DILM9-01(24VDC)
-K1a	1	Auxiliary contact module, 2N/O+2N/C	DILM32-XHI22	ETN	ETN.DILM32-XHI22
-K2	1	Contactora, 3p+1N/C, 4kW/400V/AC3	DILM9-01(24VDC)	ETN	ETN.DILM9-01(24VDC)
-K2a	1	Contactora, 3p+1N/C, 4kW/400V/AC3	DILM9-01(24VDC)	ETN	ETN.DILM9-01(24VDC)
-K3	1	Contactora, 3p+1N/C, 4kW/400V/AC3	DILM9-01(24VDC)	ETN	ETN.DILM9-01(24VDC)
-K3a	1	Contactora, 3p+1N/C, 4kW/400V/AC3	DILM9-01(24VDC)	ETN	ETN.DILM9-01(24VDC)

Parts list

F01_001

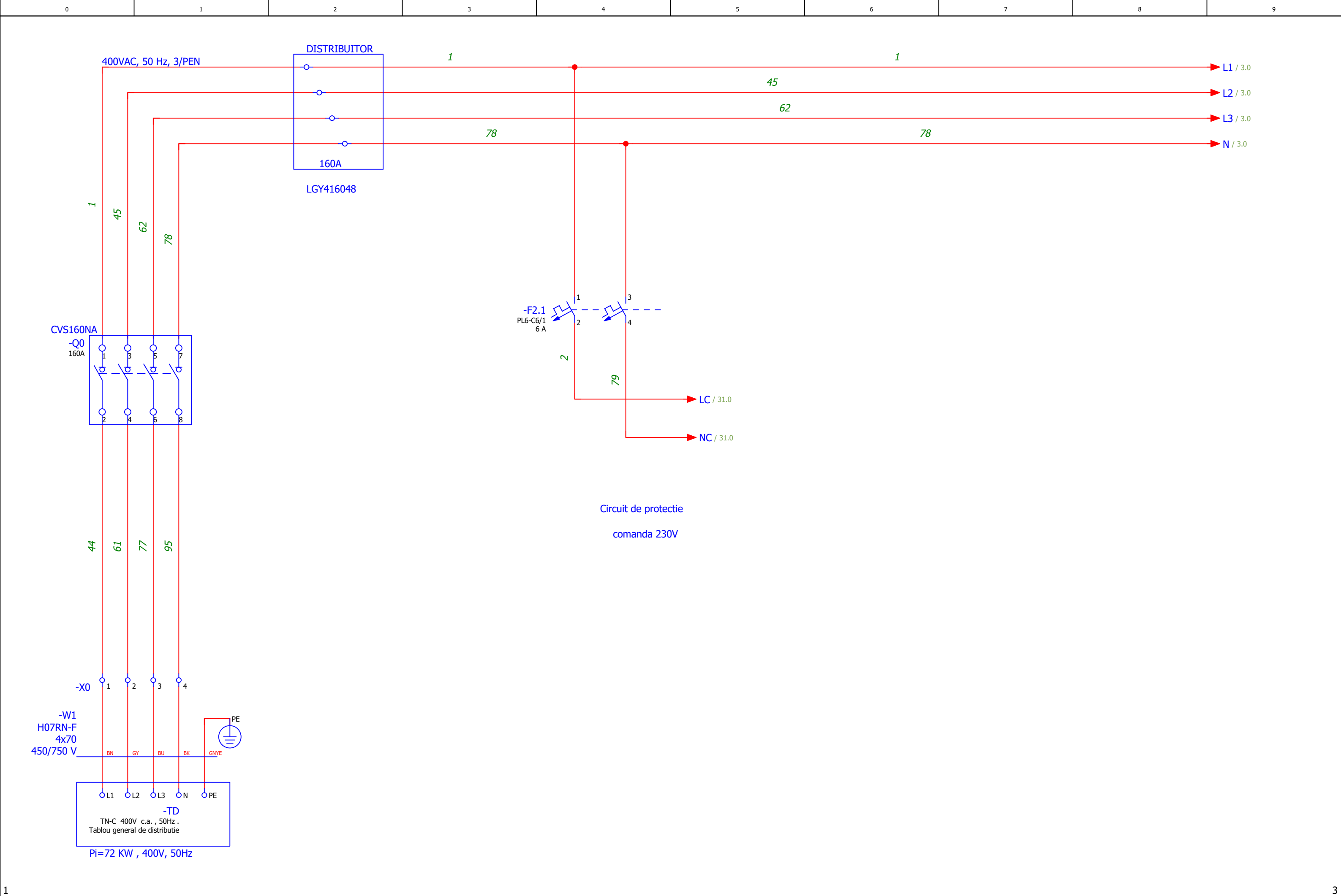
Device tag	Quantity	Designation	Type number	Supplier	Part number
-K4	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-K5	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-LP_Tablou1	1				STE.02540.0-03
-LS1	1				ETN.LS-11
-M1	0				
-M2	0				
-M3	0				
-M4	0				
-M5	0				
-P1	1	Potentiometer, 4, 7k, front mount	M22-R4K7	ETN	ETN.M22-R4K7
-P2	1	Potentiometer, 4, 7k, front mount	M22-R4K7	ETN	ETN.M22-R4K7
-PRIZA_SERVICE1	0				
-Q1	1	Standard auxiliary contact, 1N/O+1N/C, screw connection	NHI11-PKZ0	ETN	ETN.NHI11-PKZ0
-Q1	1	Standard auxiliary contact, 1N/O+1N/C, flush mounting, screw connection	NHI-E-11-PKZ0	ETN	ETN.NHI-E-11-PKZ0
-Q1	1	Motor-protective circuit-breaker, 3p, Ir=2.5-4A	PKZM01-4	ETN	ETN.PKZM01-4
-Q2	1	Motor circuit breaker, TeSys Deca, 3P, 6-10 A, thermal magnetic, screw clamp terminals	GV2ME14	SE	SE.GV2ME14
-Q2	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q2	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q2.1	1				ETN.DS7-342SX012N0-N
-Q3	1	Motor circuit breaker, TeSys Deca, 3P, 6-10 A, thermal magnetic, screw clamp terminals	GV2ME14	SE	SE.GV2ME14
-Q3	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q3	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q3.1	1				ETN.DS7-342SX012N0-N
-Q4	1	Motor circuit breaker, TeSys Deca, 3P, 13-18 A, thermal magnetic, screw clamp terminals	GV2ME20	SE	SE.GV2ME20
-Q4	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q4	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q5	1	Motor circuit breaker, TeSys Deca, 3P, 9-14 A, thermal magnetic, screw clamp terminals	GV2ME16	SE	SE.GV2ME16
-Q5	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q5	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-R1	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-R2	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-RC	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-RM1	1	Monitoring relay, 3 phase + neutral AC line monitoring - AC (50/60 Hz) - 380...415 V	70.41.8.400.2030	FIN	FIN.70.41.8.400.2030
-RQ1	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ1	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ2	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ2	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ3	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ3	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ4	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ4	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ5	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ5	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ6	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ6	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ7	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ7	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ8	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ8	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-RQ9	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ9	1	Screw terminal socket panel, for 40.51/40.52/40.61	95.05	FIN	FIN.95.05
-R_safety	0				
-S0	1	Main switch, 3 pole, 63 A, Emergency-Stop function, flush mounting	P3-63/E/SVB	ETN	ETN.P3-63/E/SVB
-S1	1	Selector switch, 2N/O, 3 positions, front mount	M22-WRK3/K20	ETN	ETN.M22-WRK3/K20
-S2	1	Selector switch, 2N/O, 3 positions, front mount	M22-WRK3/K20	ETN	ETN.M22-WRK3/K20
-S2	0				

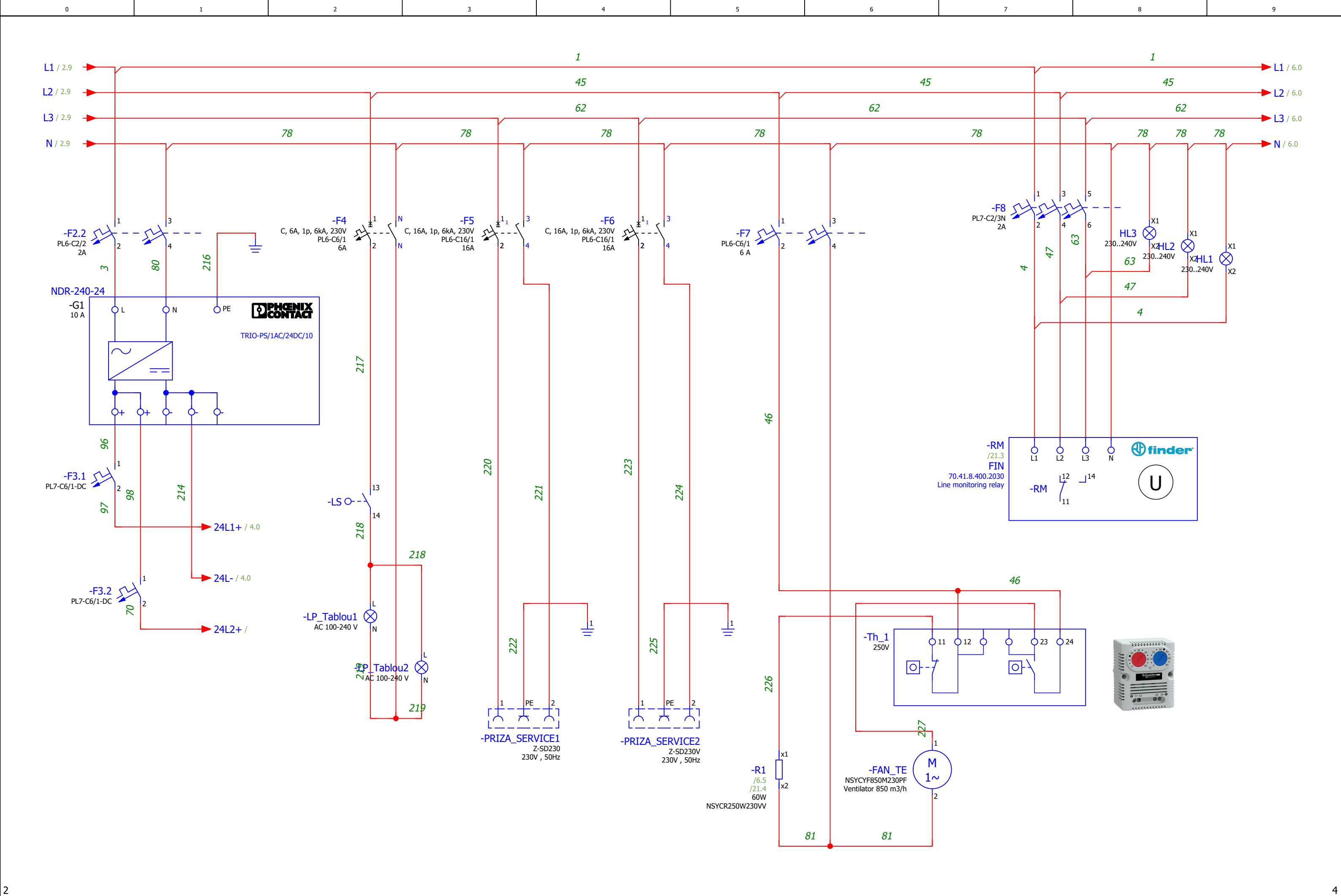


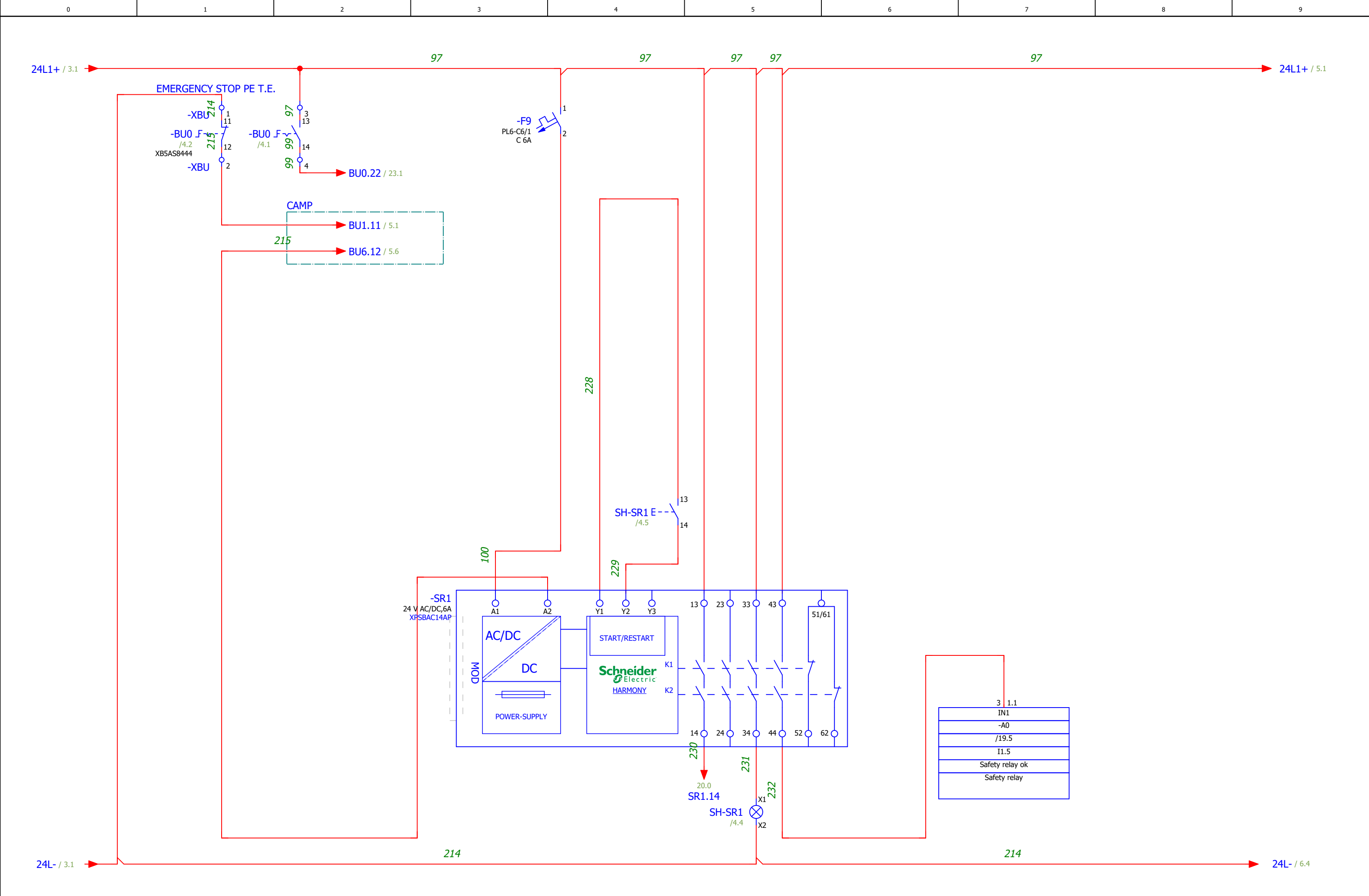
Sc TEHNIMARKET Srl.

Str.ARCADIE SEPTILICI Nr. 1C
60234 BACAU
Phone

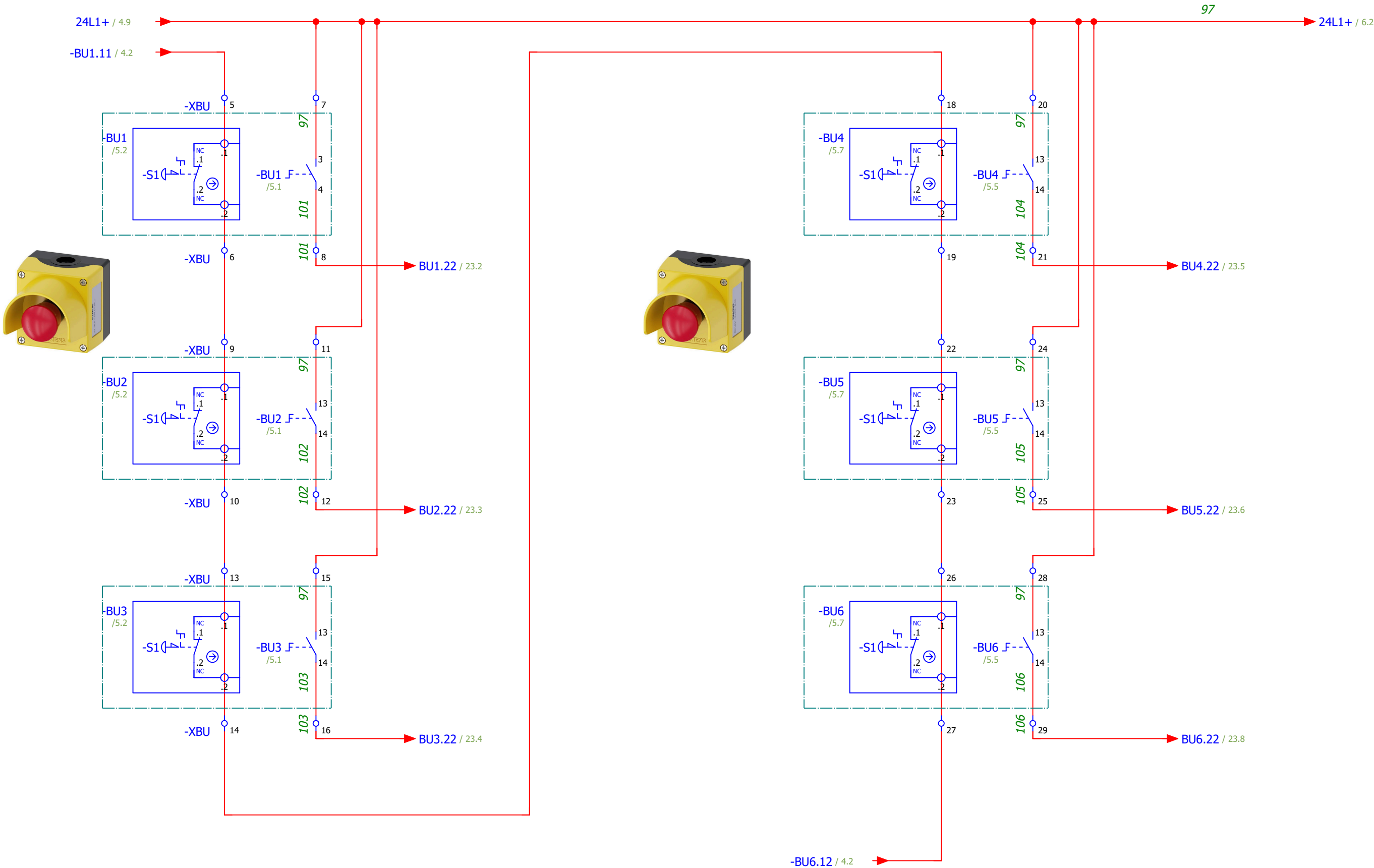
Company / customer	Statie sortare ROIESTI
Project description	TE_Benzi buncar
Job number	IEC_bas001
Commission	EPLAN
Manufacturer (company)	Sc TEHNIMARKET Srl.
Path	EPLAN sample project
Project name	TE_6_Benzi_buncar
Make	
Type	
Place of installation	
Responsible for project	Murgulet Ioan
Part feature	
Created on	16/03/2023
Edit date	30/03/2023
	by (short name) Nelu
	Number of pages 119

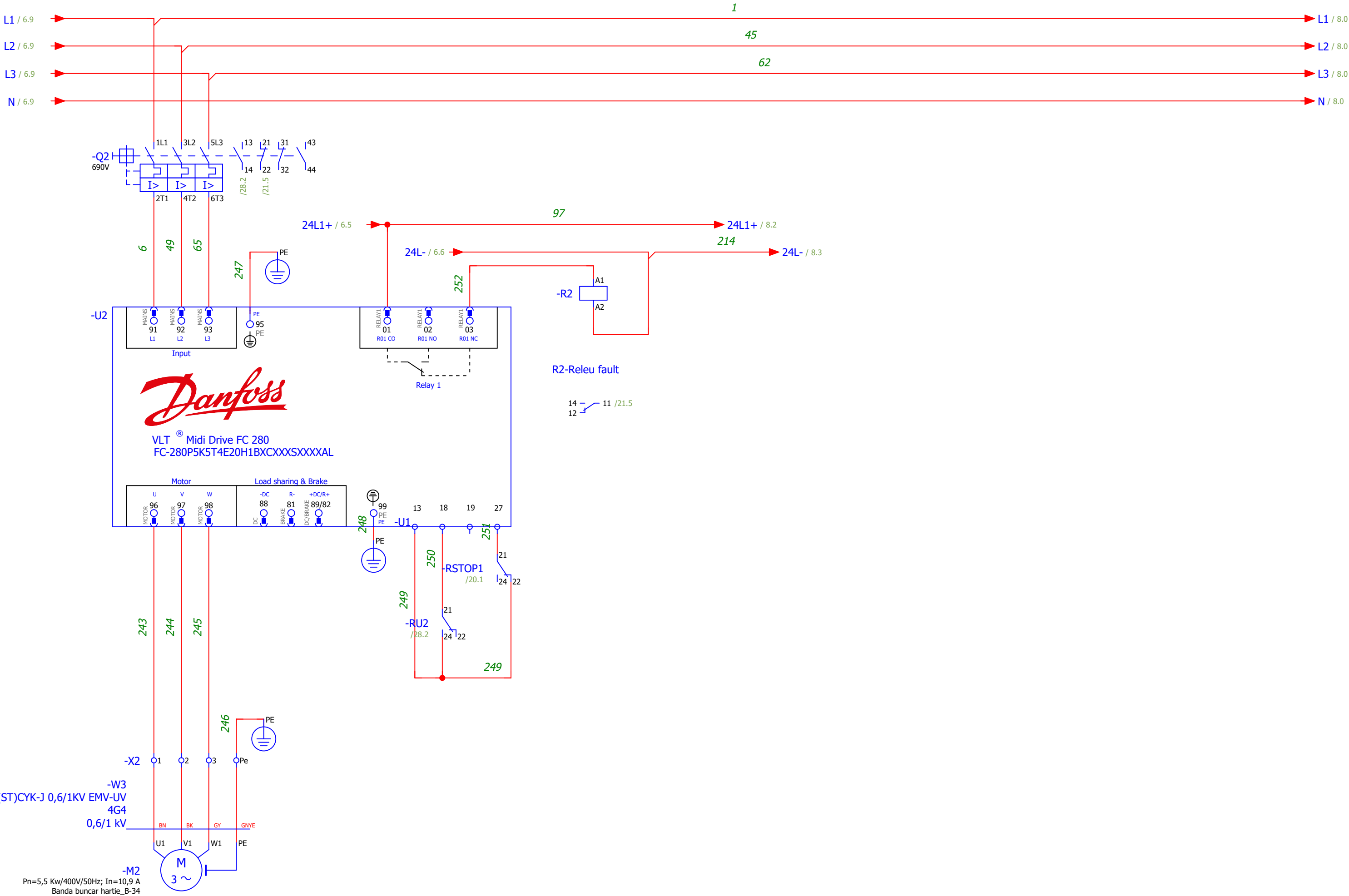




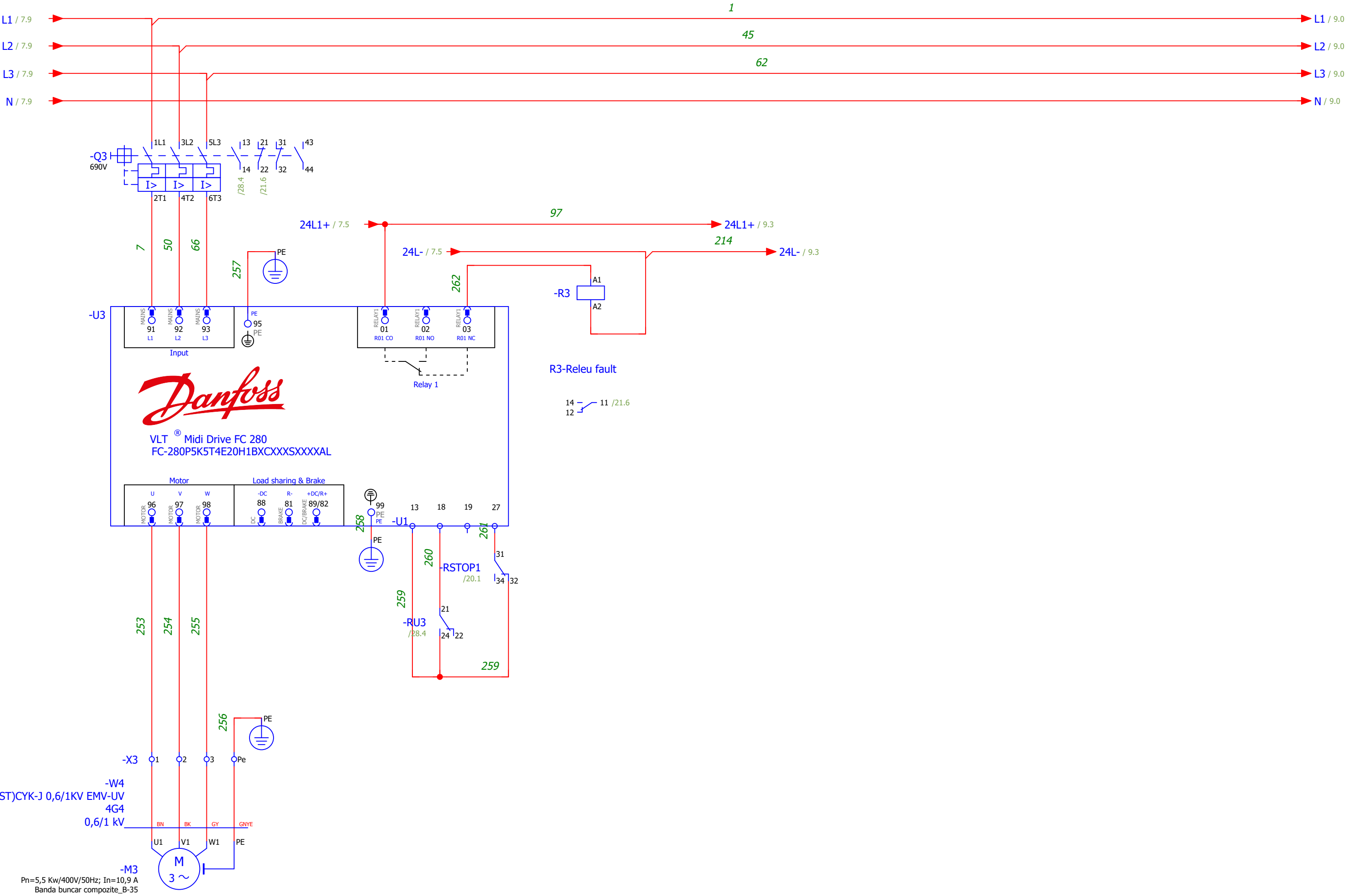


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			Ed	Nelu							+ EAA	
			Appr						TE_Benzi buncar			IEC_bas001
Modification	Date	Name	Original		Replacement of	Replaced by				Page	5 / 119	

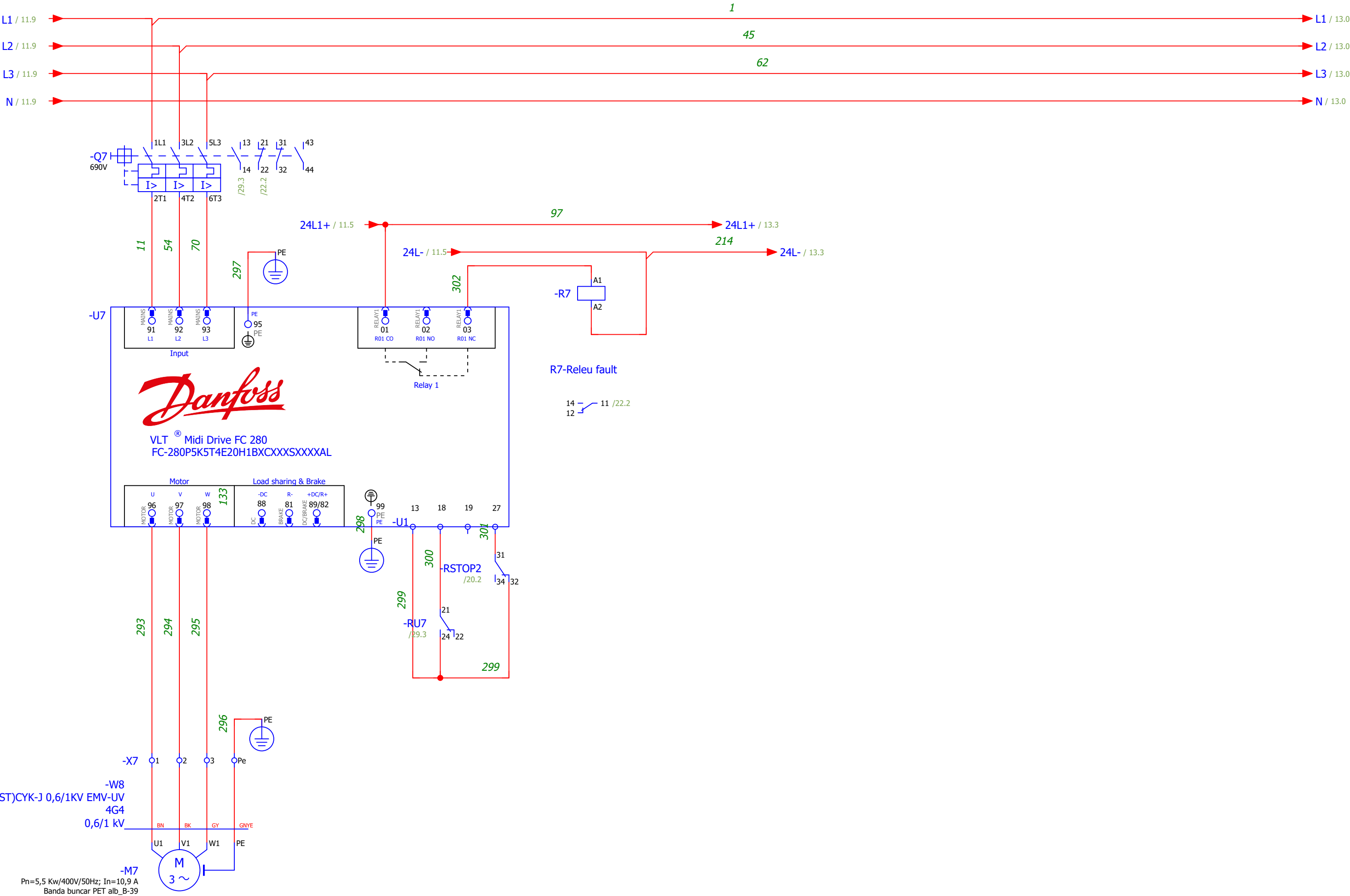




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			Ed	Nelu																					+ EAA									
			Appr																	TE_Benzi buncar														
Modification	Date	Name	Original		Replacement of					Replaced by										IEC_bas001					Page 7									
																														Page 7 / 119				



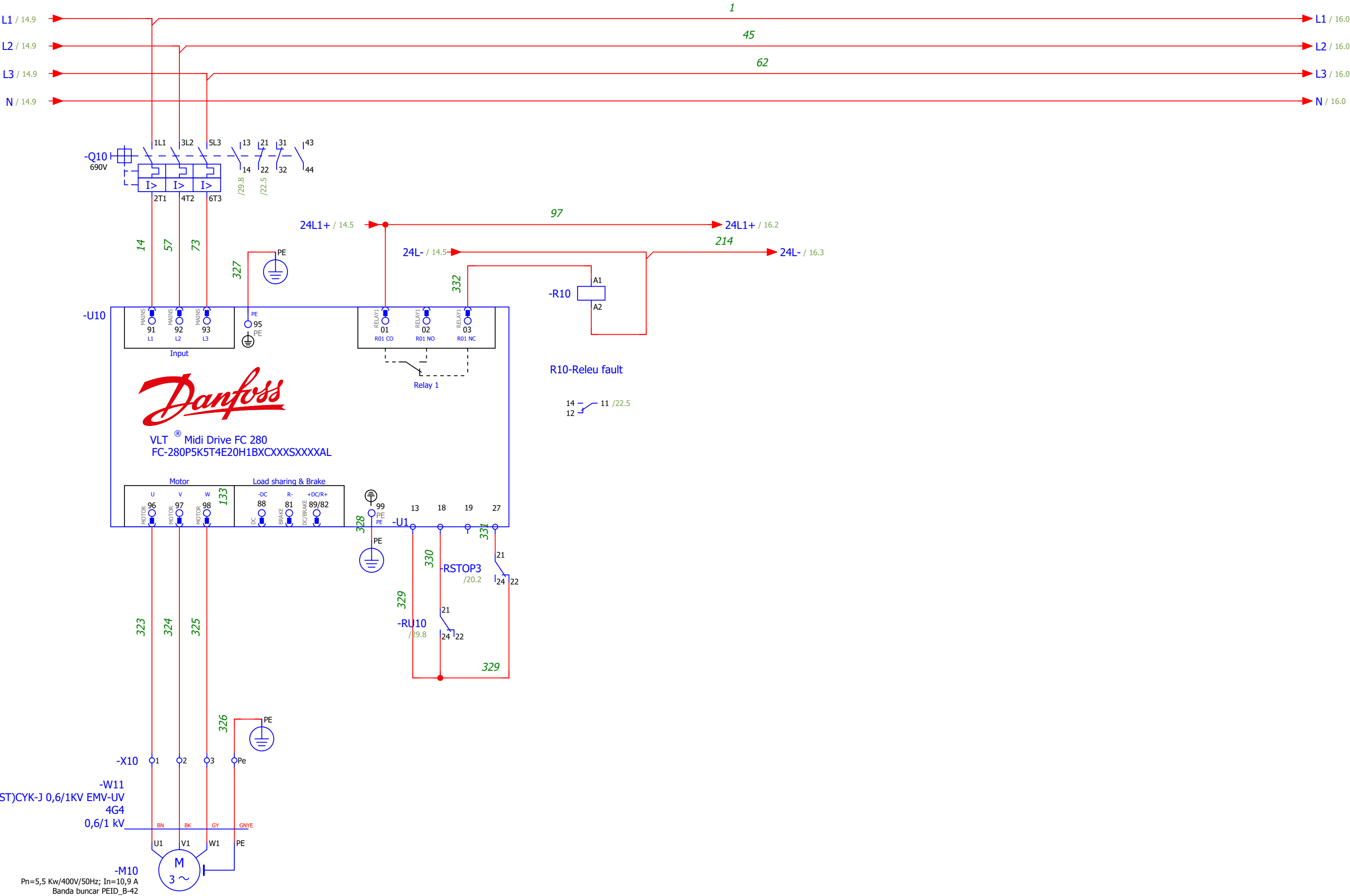
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			Ed	Nelu											+ EAA				
			Appr								TE_Benzi buncar								
Modification	Date	Name	Original		Replacement of		Replaced by						IEC_bas001		Page 8				
															Page 8 / 119				



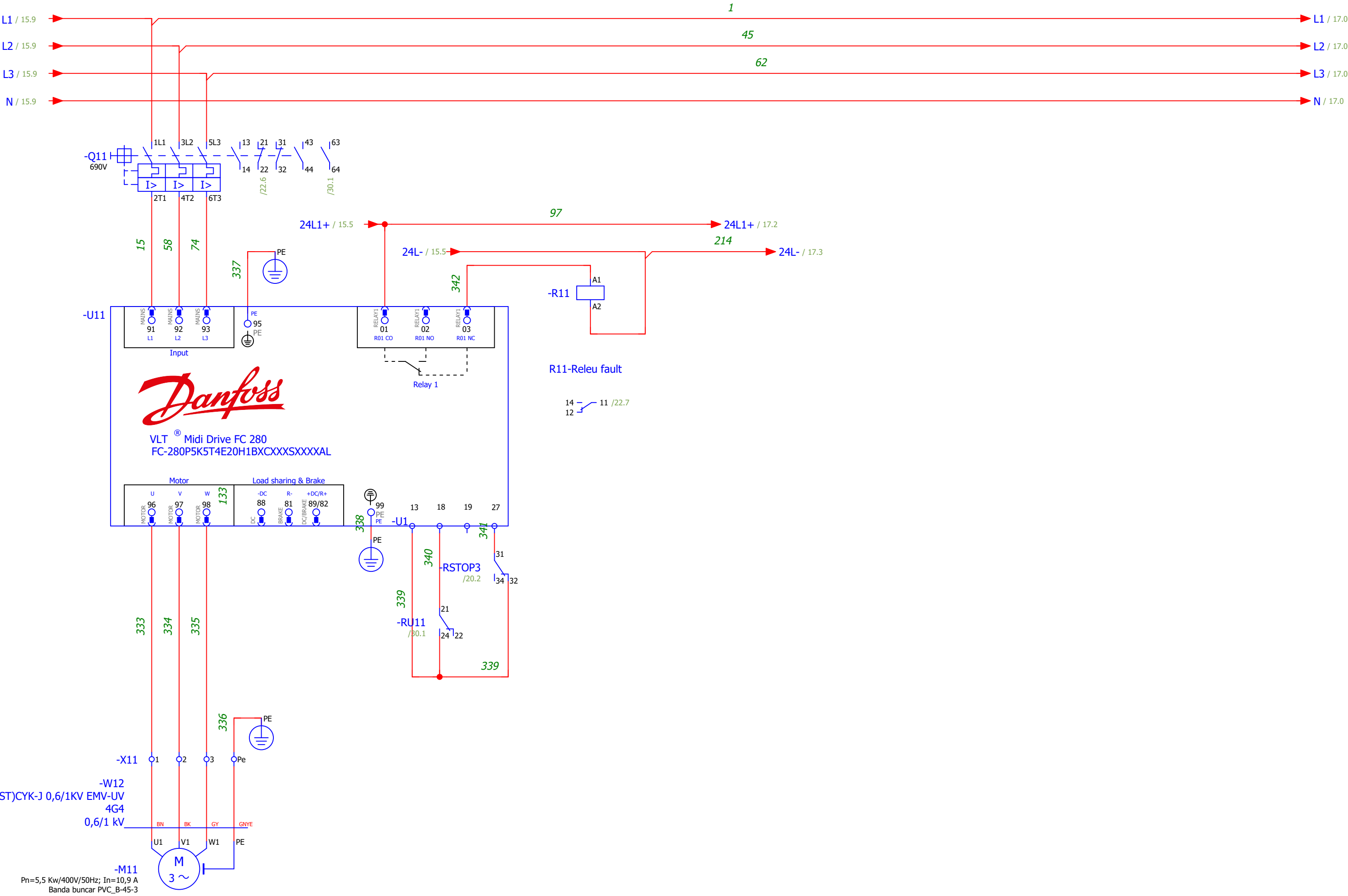
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Modification	Date	Name	Original		Replacement of		Replaced by					IEC_bas001		Page 12							
											Page 12 / 119										



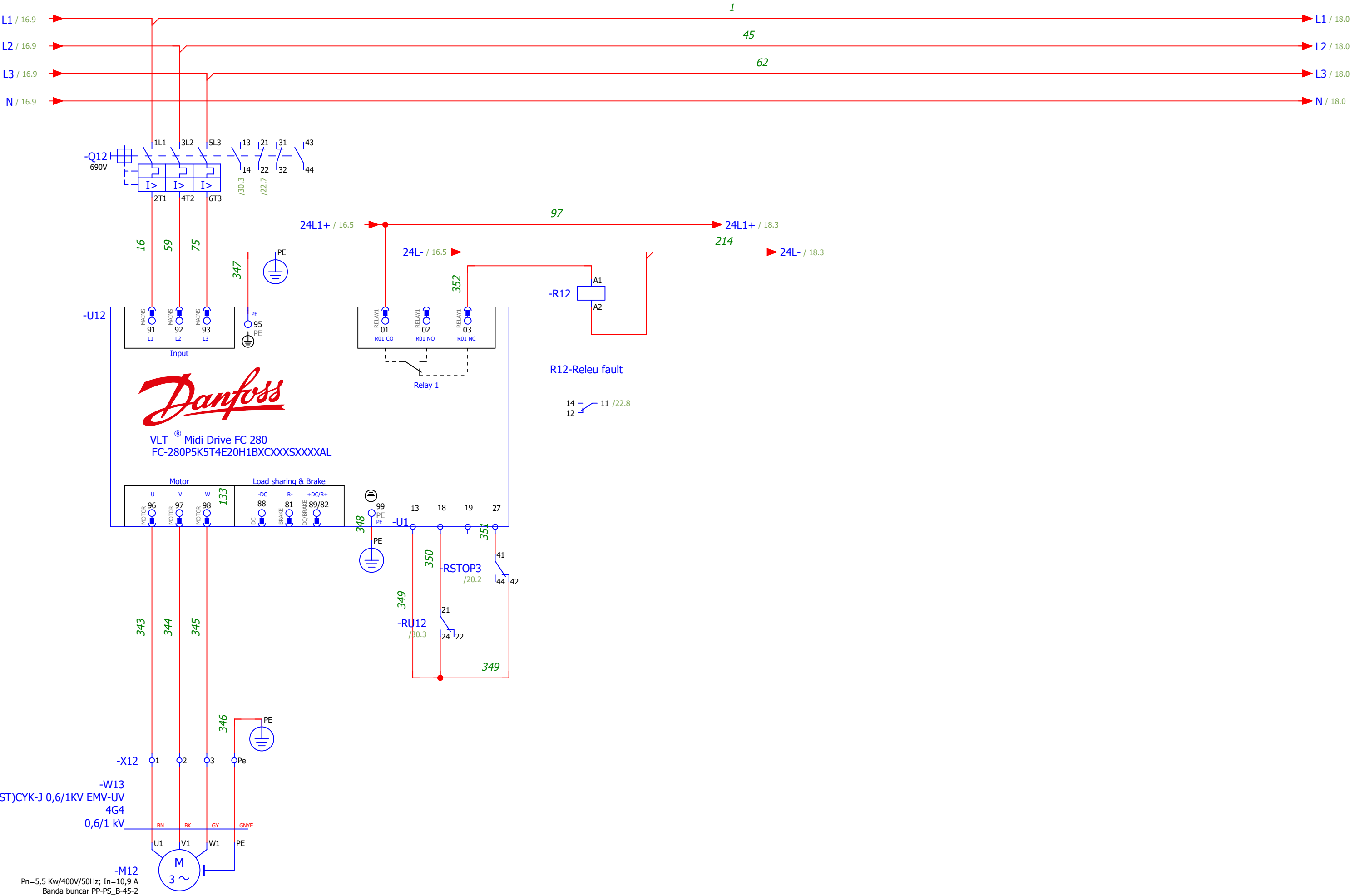
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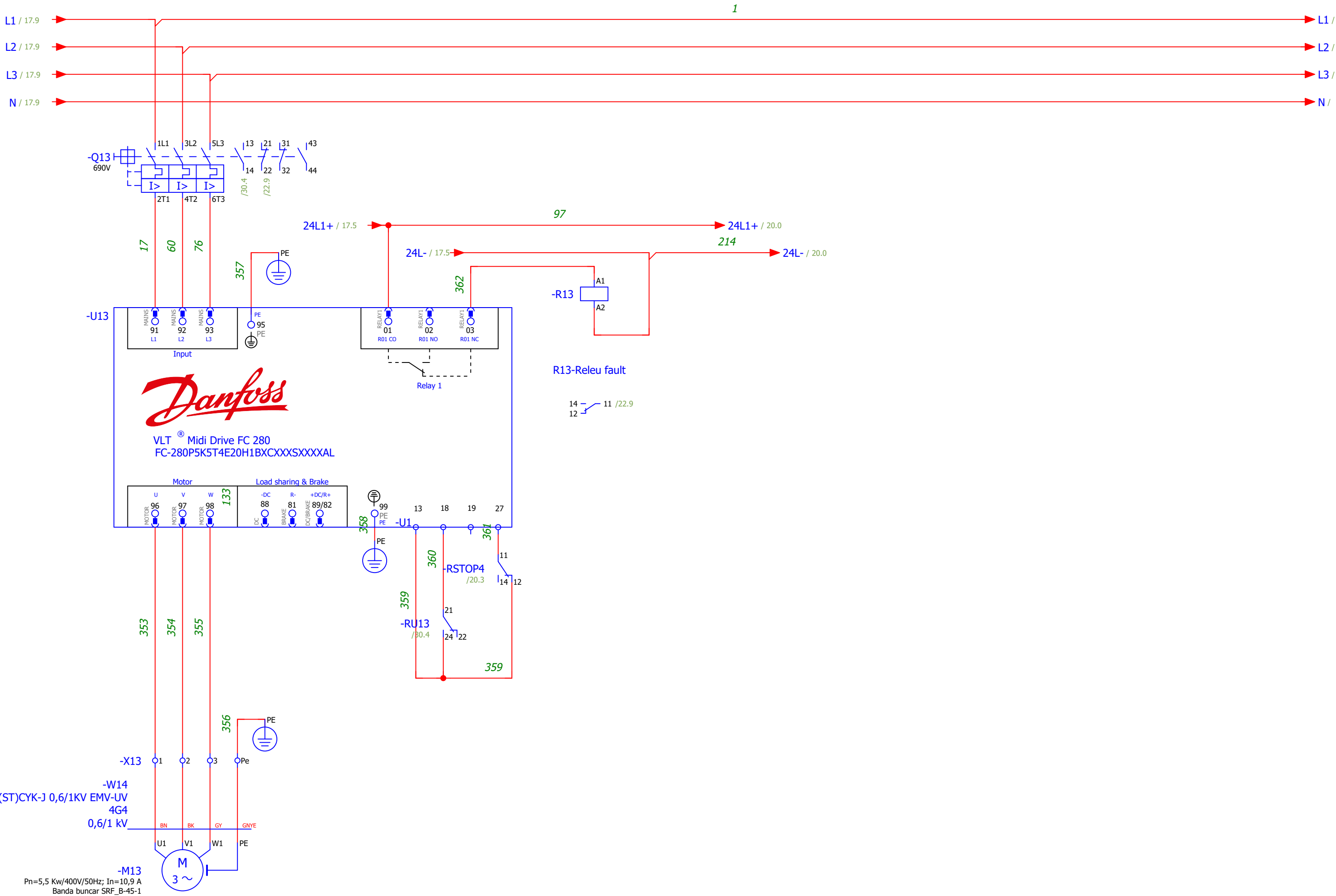
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			Appr																TE_Benzi buncar														
Modification	Date	Name	Original		Replacement of				Replaced by												IEC_bas001				Page		15						
																														Page		15 / 119	



15															17																								
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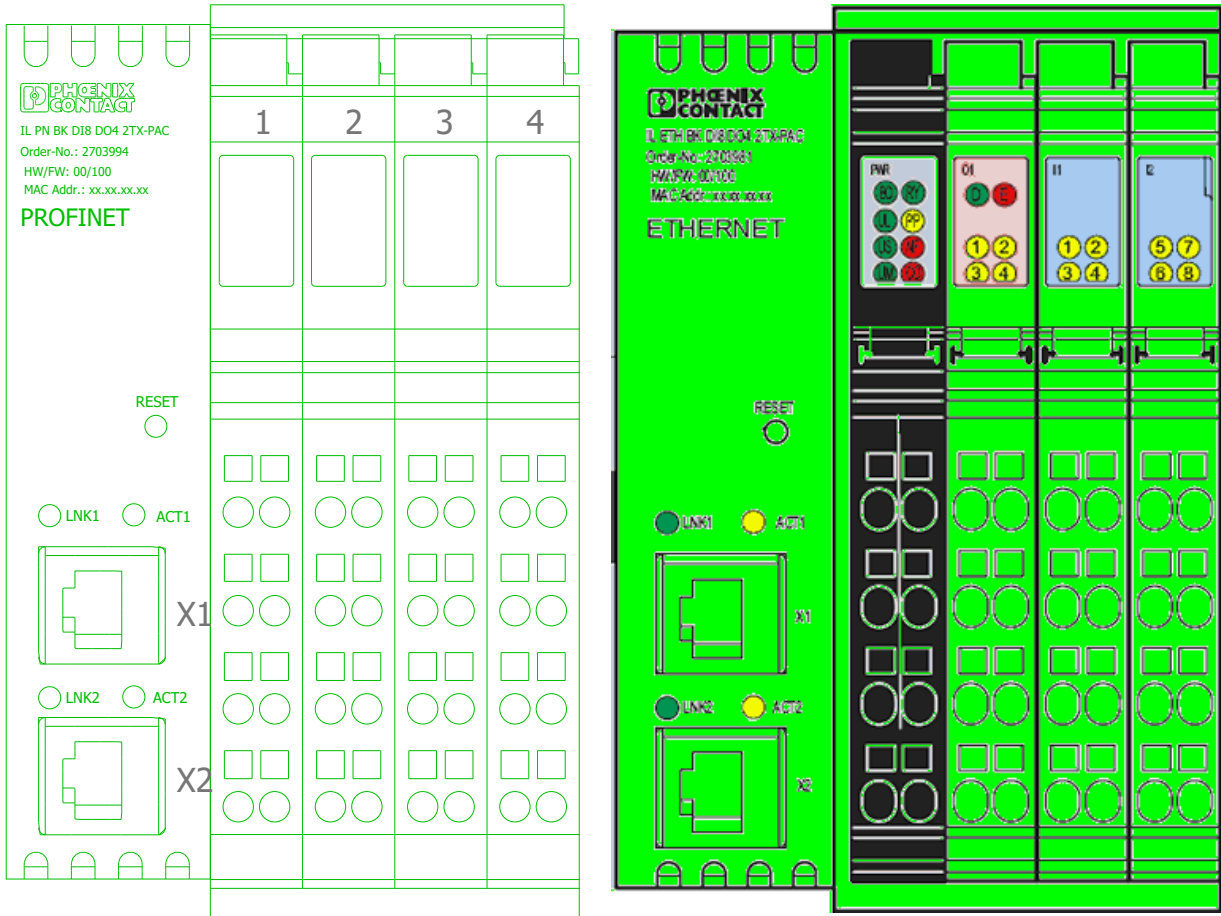


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																					Page	

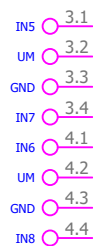
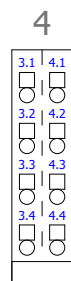
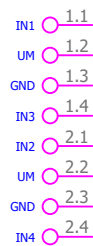
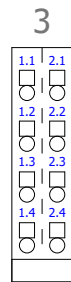
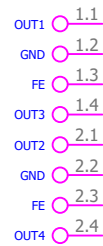
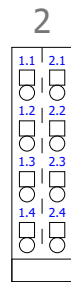
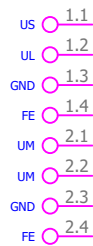
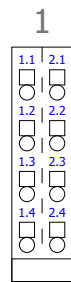




-A0



IL PN BK DI8 DO4 2TX-PAC

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Q0.0			
Q0.1			
Q0.2			
Q0.3			

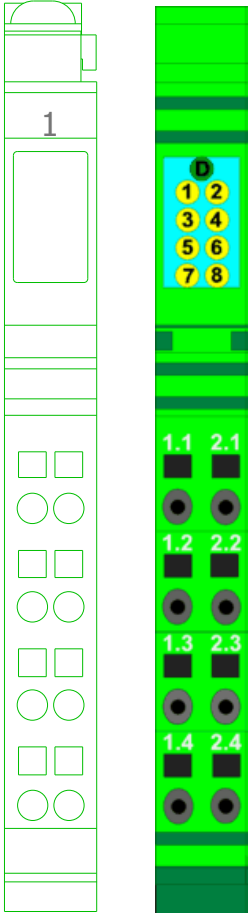
I7.5	Safety relay	Safety relay ok	/4.7
I7.6			
I7.7			
I8.0			

I8.1			
I8.2			
I8.3			
I8.4			

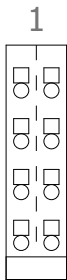
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-A1



IB IL 24 DI8/HD-PAC

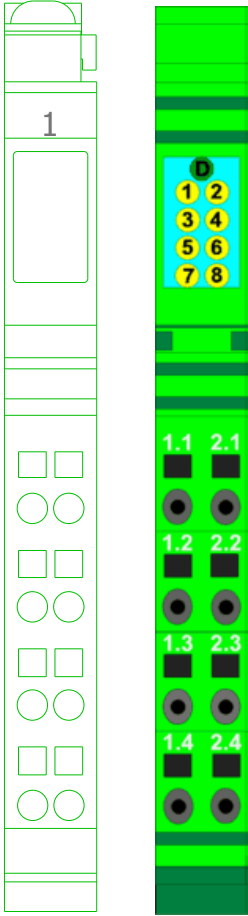


- IN1 1.1
- IN3 1.2
- IN5 1.3
- IN7 1.4
- IN2 2.1
- IN4 2.2
- IN6 2.3
- IN8 2.4

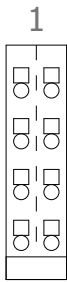
I4.5	Selector Man	MANUAL	/21.0
I4.6	Selector Aut	AUTOMAT	/21.2
I4.7	Monitorizare_RM	Secvnta_faza	/21.3
I5.0	Fault M1	Defect_M1	/21.4
I5.1	Fault M2	Defect_M2	/21.5
I5.2	Fault M3	Defect_M3	/21.6
I5.3	Fault M4	Defect_M4	/21.7
I5.4	Fault M5	Defect_M5	/21.8



-A2



IB IL 24 DI8/HD-PAC

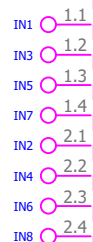
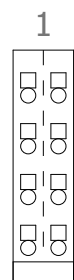
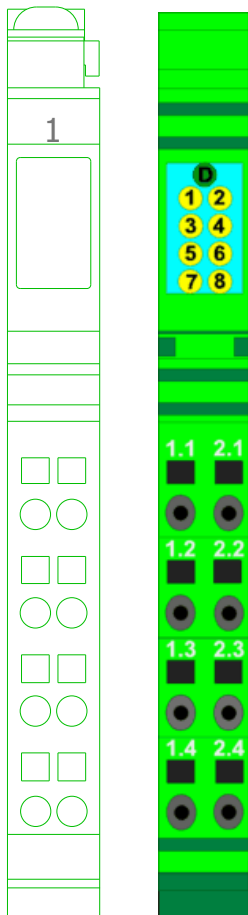


- IN1 1.1
- IN3 1.2
- IN5 1.3
- IN7 1.4
- IN2 2.1
- IN4 2.2
- IN6 2.3
- IN8 2.4

I5.5	Fault M6	Defect_M6	/22.1
I5.6	Fault M7	Defect_M7	/22.2
I5.7	Fault M8	Defect_M8	/22.3
I6.0	Fault M9	Defect_M9	/22.4
I6.1	Fault M10	Defect_M10	/22.5
I6.2	Fault M11	Defect_M11	/22.6
I6.3	Fault M12	Defect_M12	/22.7
I6.4	Fault M13	Defect_M13	/22.9



-A3



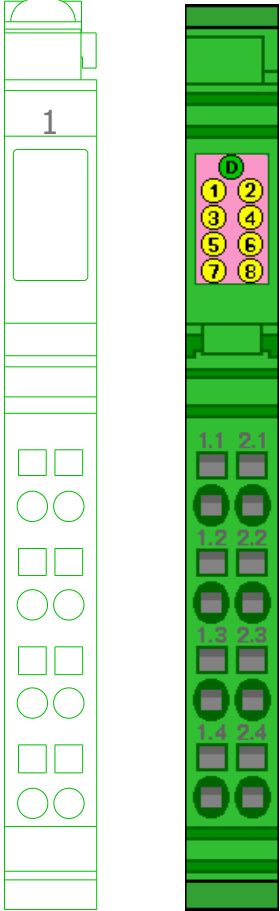
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I6.7	Buton urgenta	BU2	/23.3
I7.0	Buton urgenta	BU3	/23.4
I7.1	Buton urgenta	BU4	/23.6
I7.2	Buton urgenta	BU5	/23.7
I7.3	Buton urgenta	BU6	/23.8
I7.4			

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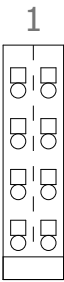
IB IL 24 DI8/HD-PAC



-A4



IB IL 24 DO 8/HD-ECO

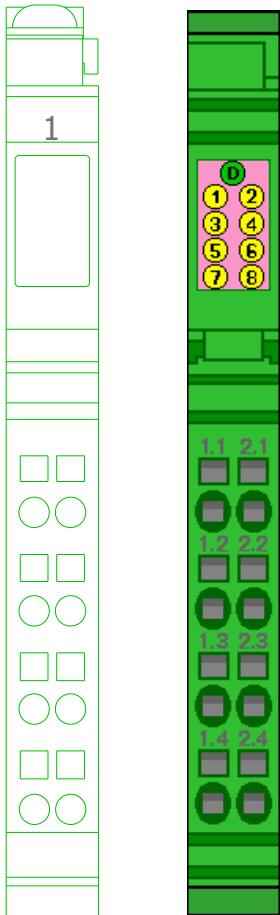


- OUT01 1.1
- OUT03 1.2
- OUT05 1.3
- OUT07 1.4
- OUT02 2.1
- OUT04 2.2
- OUT06 2.3
- OUT08 2.4

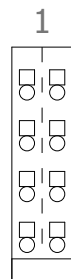
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Q9.3	Comanda	Cmd_start_M3	/24.3
Q9.4	Comanda	Cmd_start_M4	/24.4
Q9.5	Comanda	Cmd_start_M5	/24.5
Q9.6	Comanda	Cmd_start_M6	/24.6
Q9.7	Comanda	Cmd_start_M7	/24.7
Q10.0	Comanda	Cmd_start_M8	/24.8



-A5



IB IL 24 DO 8/HD-ECO



OUT01 1.1

OUT03 1.2

OUTCOME 1.3

1.4

00107 21

OUT02 ○ 22

OUT04

OUT06 2.3

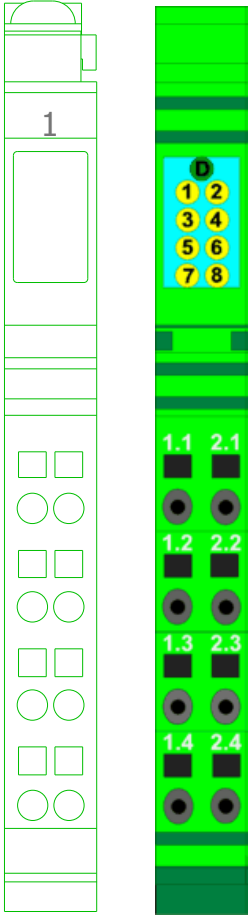
Q6.0	Comanda	Cmd_start_M9	/25.0
Q6.1	Comanda	Cmd_start_M10	/25.2
Q6.2	Comanda	Cmd_start_M11	/25.3
Q6.3	Comanda	Cmd_start_M12	/25.4
Q6.4	Comanda	Cmd_start_M13	/25.5
Q2.5	Semnalizare	L-pa buncar plin B33	/25.6
Q2.6	Semnalizare	L-pa buncar plin B34	/25.7
Q2.7	Semnalizare	L-pa buncar plin B35	/25.8

[illegible][illegible][illegible][illegible]

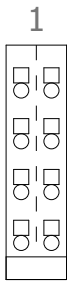
		Date	29/03/2023	EPLAN	Sc TEHNIMARKET Srl.	PLC			= CA1
		Ed	Nelu						+ EAA
		Appr					TE_Benzi buncar		
Modification	Date	Name	Original		Replacement of	Replaced by		IEC_bas001	Page 19.e Page 24 / 119



-A6



IB IL 24 DI8/HD-PAC

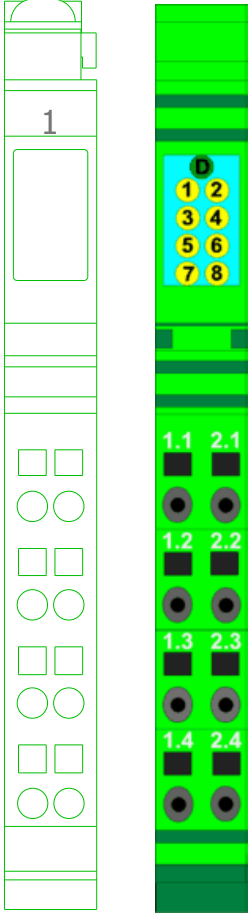


- IN1 1.1
- IN3 1.2
- IN5 1.3
- IN7 1.4
- IN2 2.1
- IN4 2.2
- IN6 2.3
- IN8 2.4

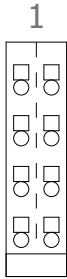
I10.2	Senz_optic	B33	/26.1.0
I10.3	Senz_optic	B34	/26.1.2
I10.4	Senz_optic	B35	/26.1.3
I10.5	Senz_optic	B36	/26.1.4
I10.6	Senz_optic	BU4	/26.1.5
I10.7	Senz_optic	B38	/26.1.6
I11.0	Senz_optic	BU6	/26.1.7
I11.1	Senz_optic	B40	/26.1.8



-A7



IB IL 24 DI8/HD-PAC

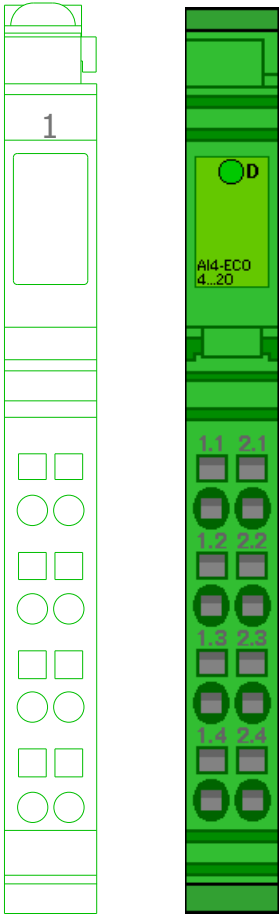


- IN1 1.1
- IN3 1.2
- IN5 1.3
- IN7 1.4
- IN2 2.1
- IN4 2.2
- IN6 2.3
- IN8 2.4

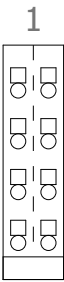
I11.7	Senz_optic	B41	/26.m.0
I12.0	Senz_optic	B42	/26.m.2
I12.1	Senz_optic	B45-3	/26.m.3
I12.2	Senz_optic	B45-2	/26.m.4
I12.3	Senz_optic	B45-1	/26.m.5
I12.4			
I12.5			
I12.6			



-A8



IB IL AI 4/I/4-20-ECO

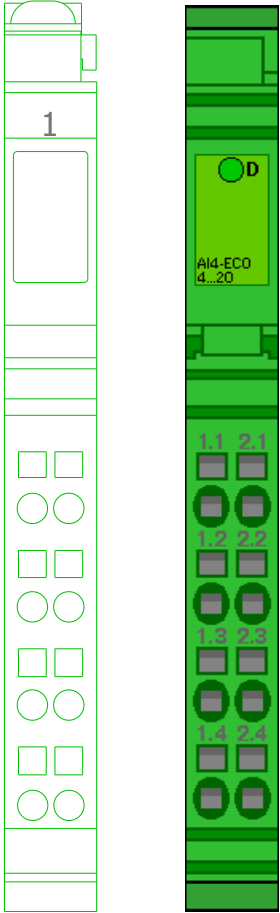


- IN01 1.1
- IN02 1.2
- IN03 1.3
- IN04 1.4
- GND01 2.1
- GND02 2.2
- GND03 2.3
- GND04 2.4

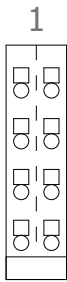
ID52	Analog I IN 02	Senzor_nivel_33	/26.d.0
ID56	Analog I IN 02	Senzor_nivel_34	/26.d.3
ID60	Analog I IN 03	Senzor_nivel_35	/26.d.5
ID64	Analog I IN 04	Senzor_nivel_36	/26.d.7



-A9



IB IL AI 4/I/4-20-ECO

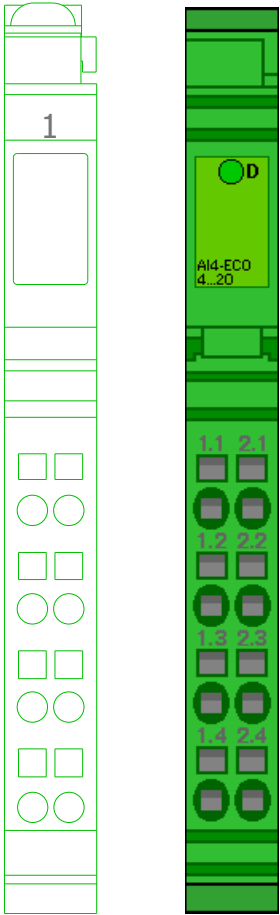


- IN01 1.1
- IN02 1.2
- IN03 1.3
- IN04 1.4
- GND01 2.1
- GND02 2.2
- GND03 2.3
- GND04 2.4

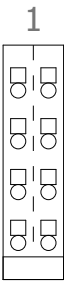
ID68	Analog I IN 01	Senzor_nivel_37	/26.e.0
ID72	Analog I IN 02	Senzor_nivel_38	/26.e.3
ID76	Analog I IN 03	Senzor_nivel_39	/26.e.5
ID80	Analog I IN 04	Senzor_nivel_40	/26.e.7



-A10



IB IL AI 4/I/4-20-ECO

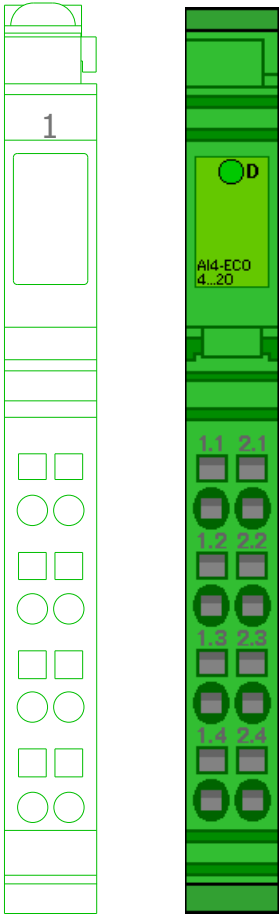


- IN01 1.1
- IN02 1.2
- IN03 1.3
- IN04 1.4
- GND01 2.1
- GND02 2.2
- GND03 2.3
- GND04 2.4

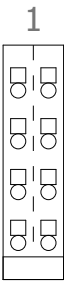
ID84	Analog I IN 01	Senzor_nivel_41	/26.f.0
ID88	Analog I IN 02	Senzor_nivel_42	/26.f.3
ID92	Analog I IN 03	Senzor_nivel_45-3	/26.f.5
ID96	Analog I IN 04	Senzor_nivel_45-2	/26.f.7



-A11



IB IL AI 4/I/4-20-ECO

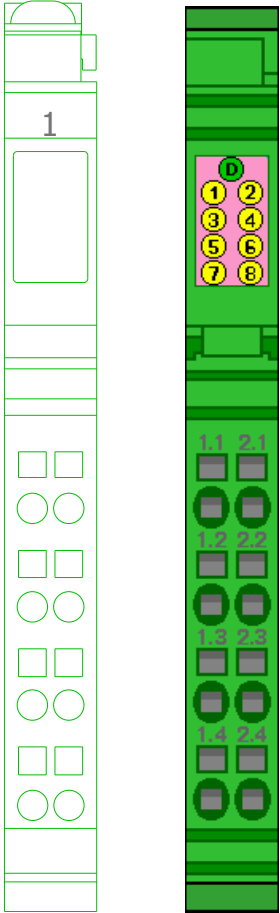


- IN01 1.1
- IN02 1.2
- IN03 1.3
- IN04 1.4
- GND01 2.1
- GND02 2.2
- GND03 2.3
- GND04 2.4

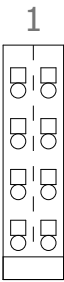
ID100	Analog I IN 01	Senzor_nivel_45-1	/26.g.0
ID104			
ID108			
ID112			



-A12



IB IL 24 DO 8/HD-ECO

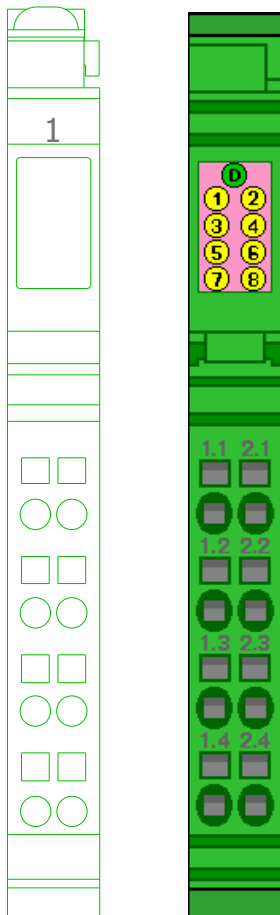


- OUT01 1.1
- OUT03 1.2
- OUT05 1.3
- OUT07 1.4
- OUT02 2.1
- OUT04 2.2
- OUT06 2.3
- OUT08 2.4

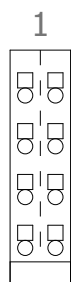
Q10.3	Semnalizare	L-pa buncar plin B36	/26.0
Q10.4	Semnalizare	L-pa buncar plin B37	/26.1
Q10.5	Semnalizare	L-pa buncar plin B38	/26.3
Q10.6	Semnalizare	L-pa buncar plin B39	/26.4
Q10.7	Semnalizare	L-pa buncar plin B40	/26.5
Q11.0	Semnalizare	L-pa buncar plin B41	/26.6
Q11.1	Semnalizare	L-pa buncar plin B42	/26.7
Q11.2	Semnalizare	L-pa buncar plin B45-3	/26.8



-A13



IB IL 24 DO 8/HD-ECO

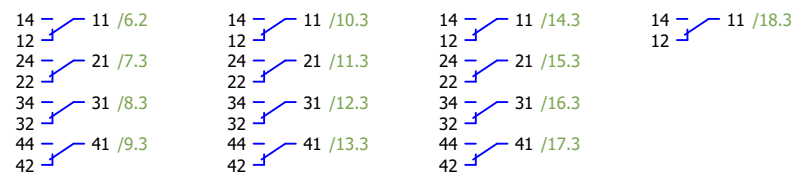
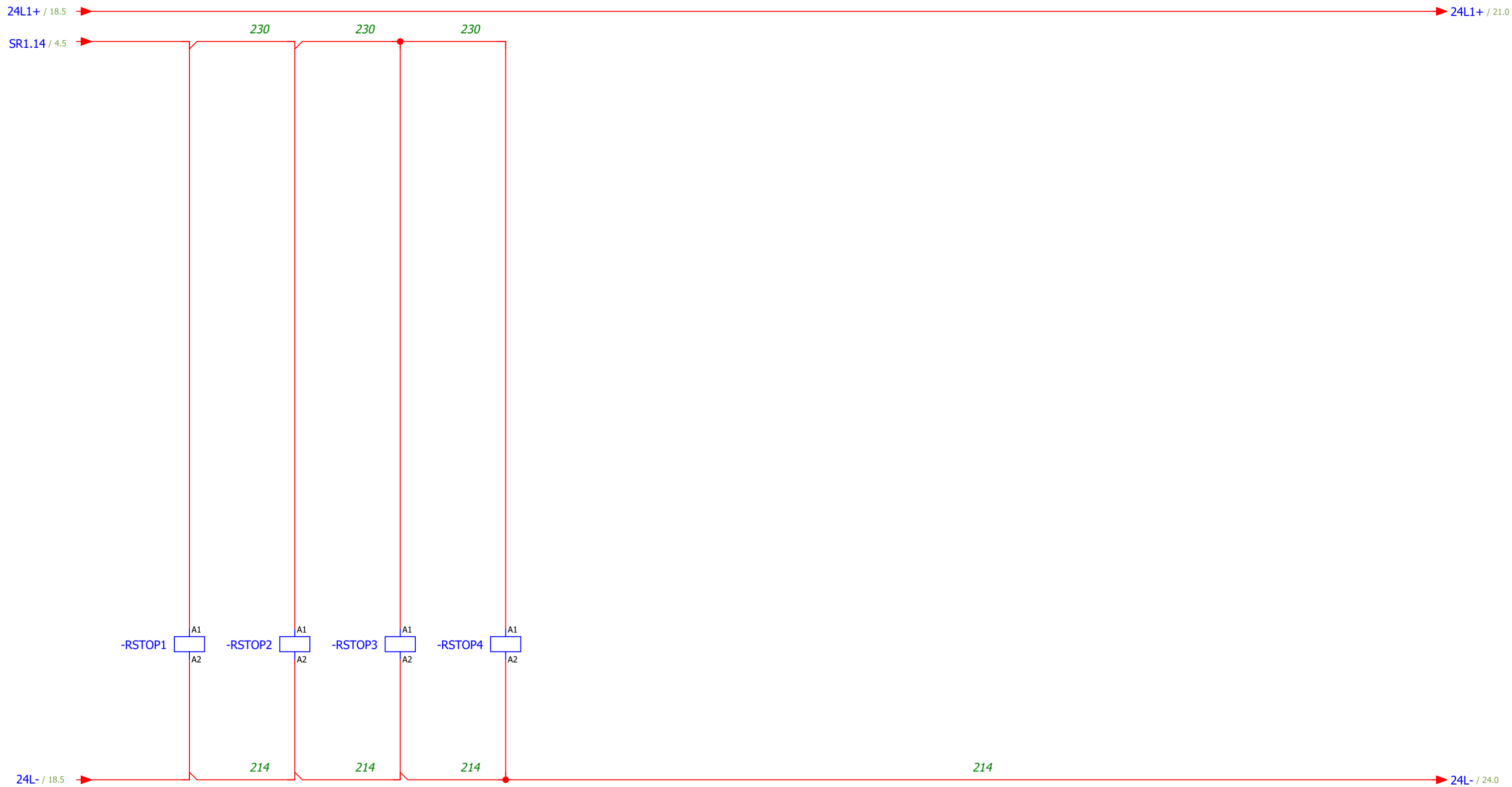


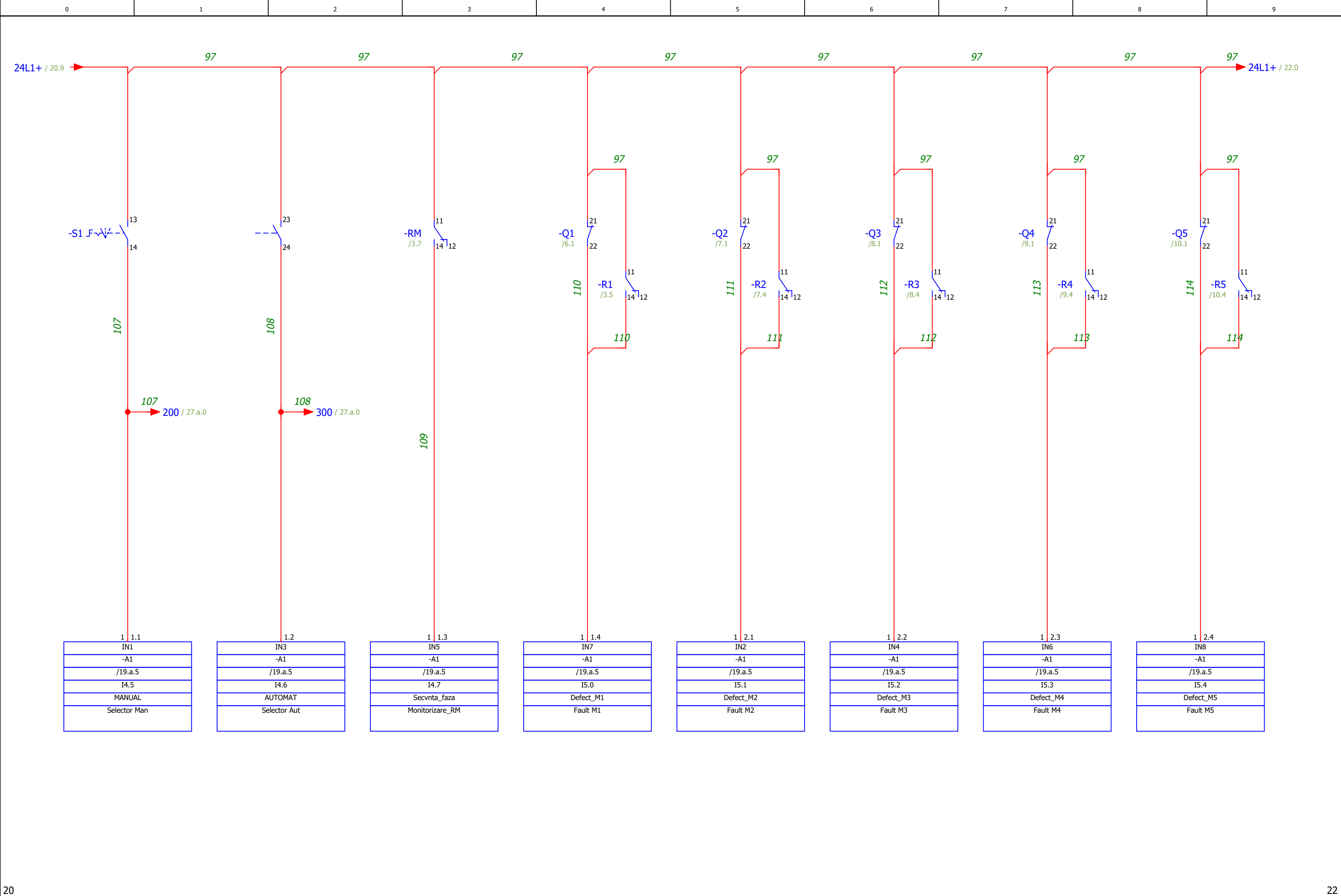
OUT01	1.1
OUT03	1.2
OUT05	1.3
OUT07	1.4
OUT02	2.1
OUT04	2.2
OUT06	2.3
OUT08	2.4

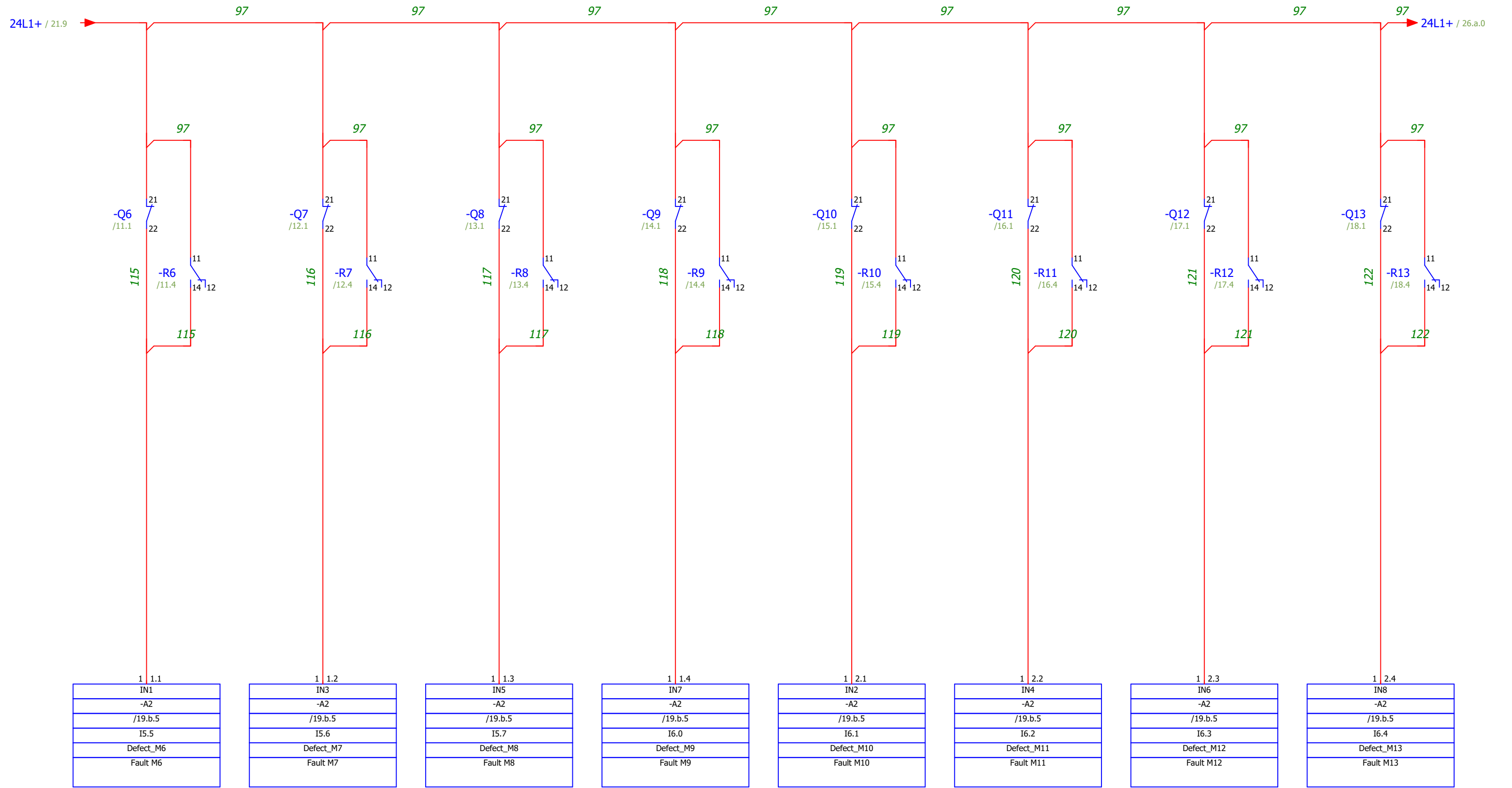
Q11.3	Semnalizare	L-pa buncar plin B45-2	/26.a.1
Q11.4	Semnalizare	L-pa buncar plin B45-1	/26.a.2
Q11.5			
Q11.6			
Q11.7			
Q12.0			
Q12.1			
Q12.2			

[illegible][illegible][illegible][illegible]

			Date	30/03/2023	EPLAN		Sc TEHNIMARKET Srl.	PLC			= CA1
			Ed	Nelu							+ EAA
			Appr						TE_Benzi buncar		
Modification	Date	Name	Original		Replacement of	Replaced by				IEC_bas001	Page 19.m
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-BU0.22 / 4.2

-BU1.22 / 5.3

-BU2.22 / 5.3

-BU3.22 / 5.3

-BU4.22 / 5.7

-BU5.22 / 5.7

-BU6.22 / 5.7

1	1.1
IN1	
-A3	
/19.c.5	
I6.5	
BU0_pe T.E.	
Buton urgente	

1	1.2
IN3	
-A3	
/19.c.5	
I6.6	
BU1	
Buton urgente	

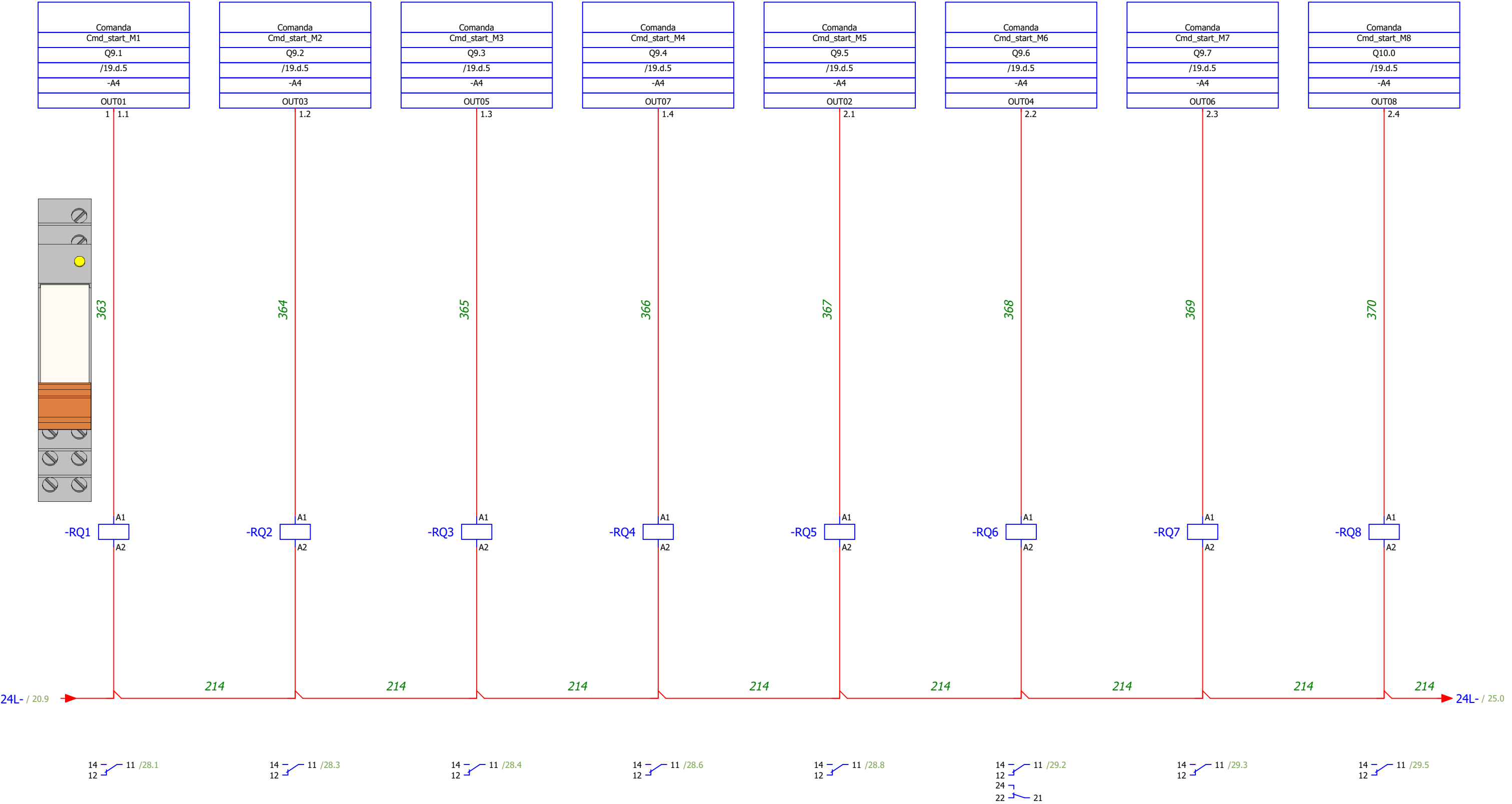
1	1.3
IN5	
-A3	
/19.c.5	
I6.7	
BU2	
Buton urgente	

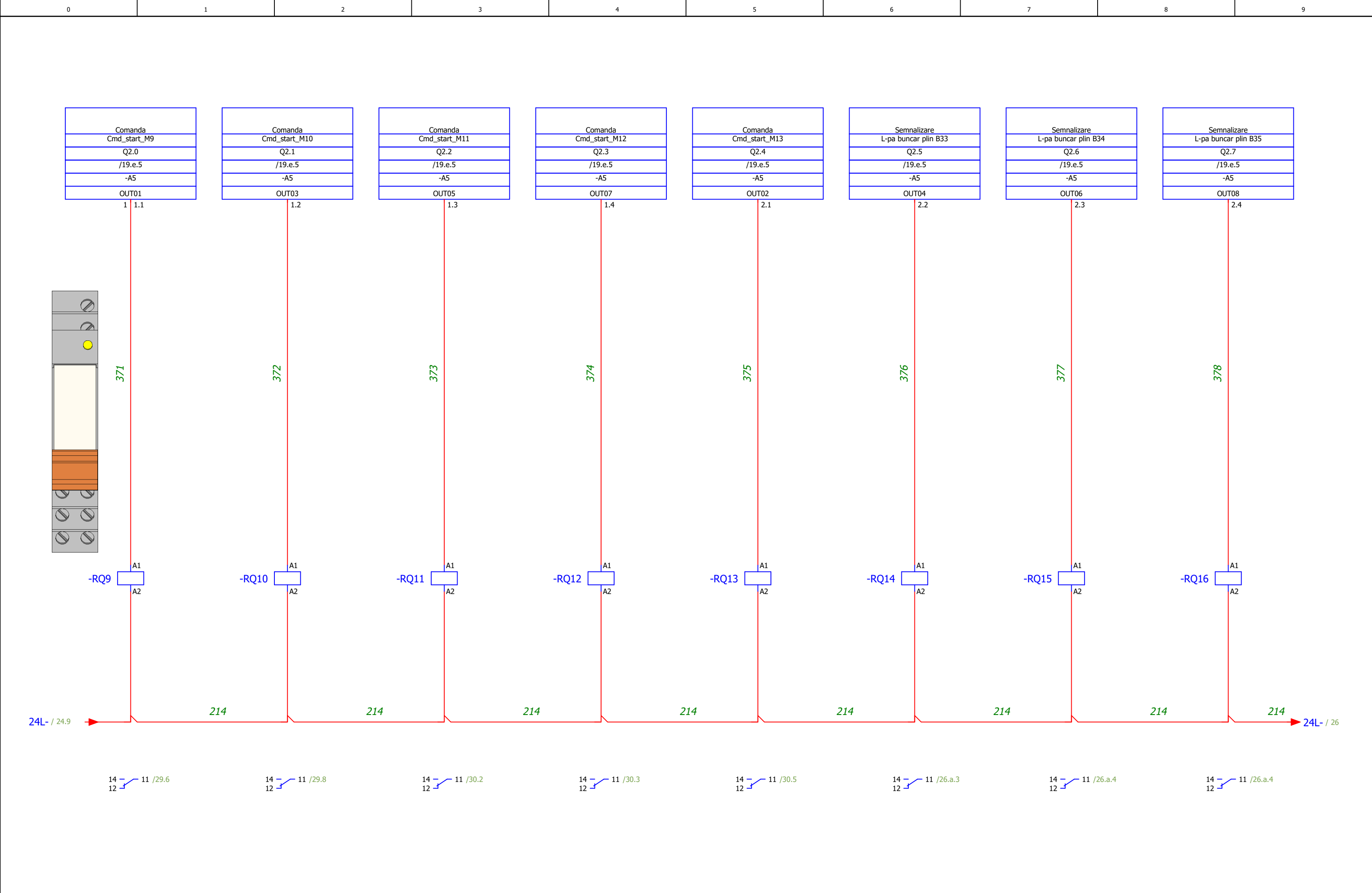
1	1.4
IN7	
-A3	
/19.c.5	
I7.0	
BU3	
Buton urgente	

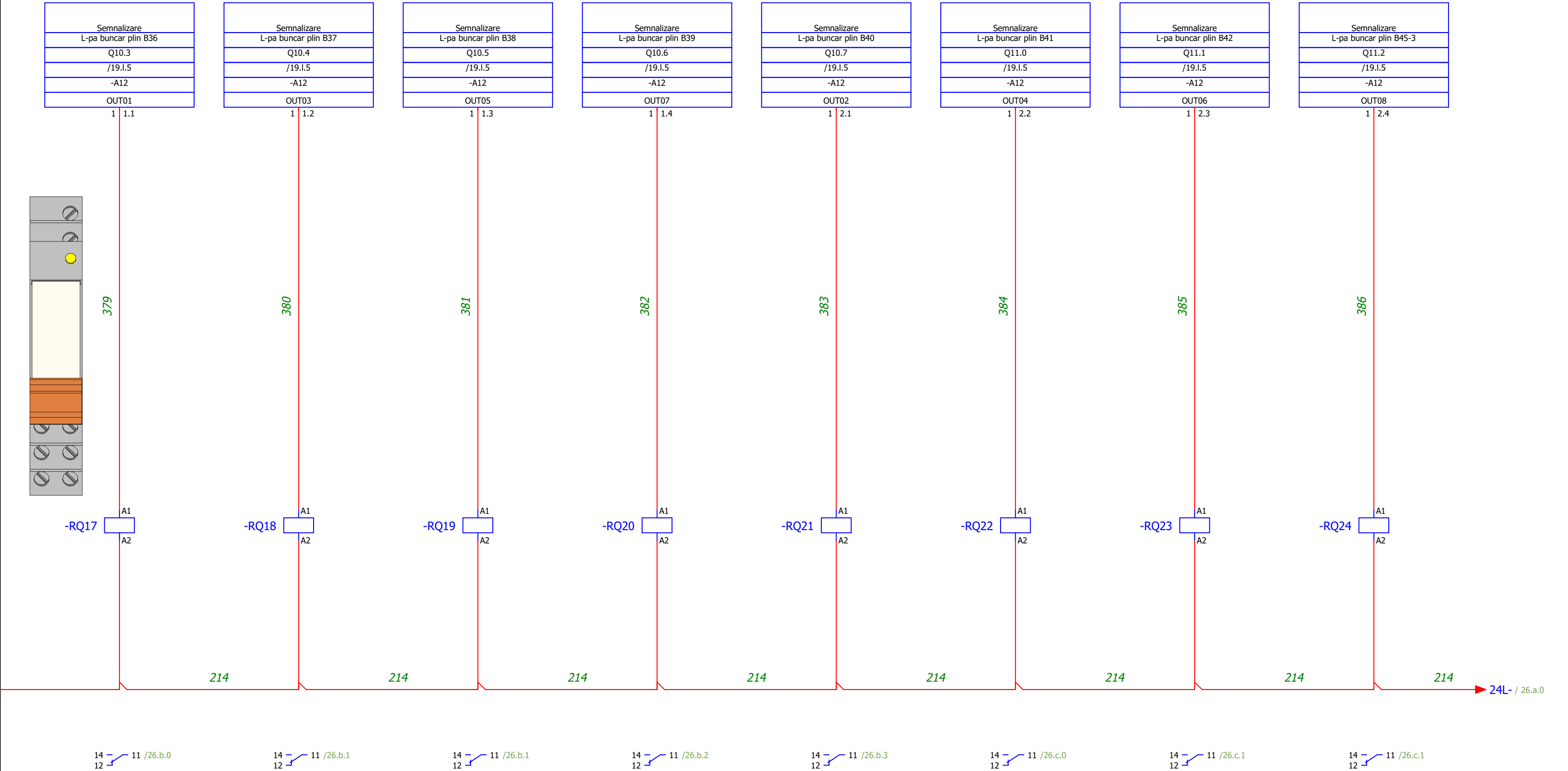
1	2.1
IN2	
-A3	
/19.c.5	
I7.1	
BU4	
Buton urgente	

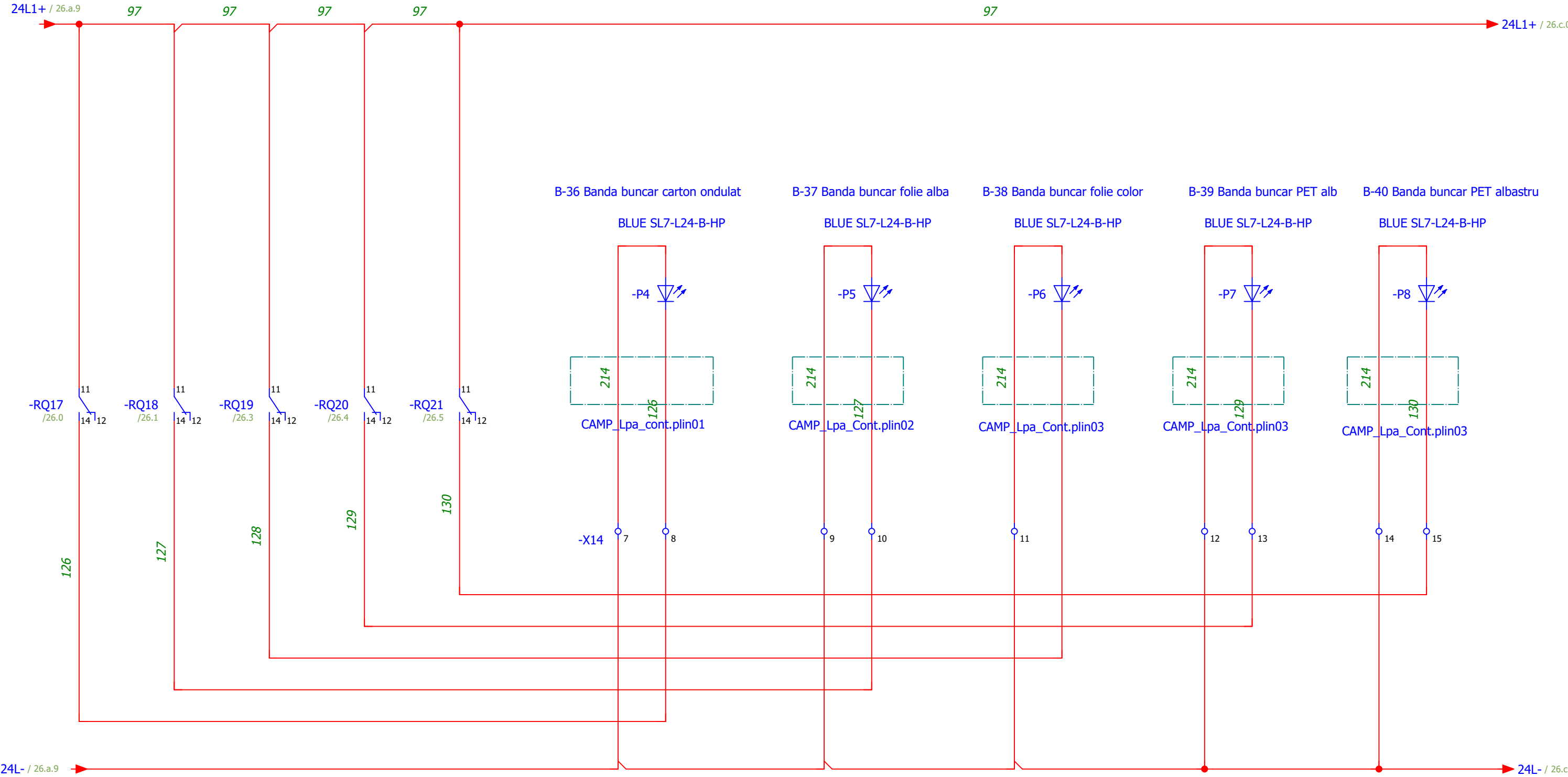
1	2.2
IN4	
-A3	
/19.c.5	
I7.2	
BU5	
Buton urgente	

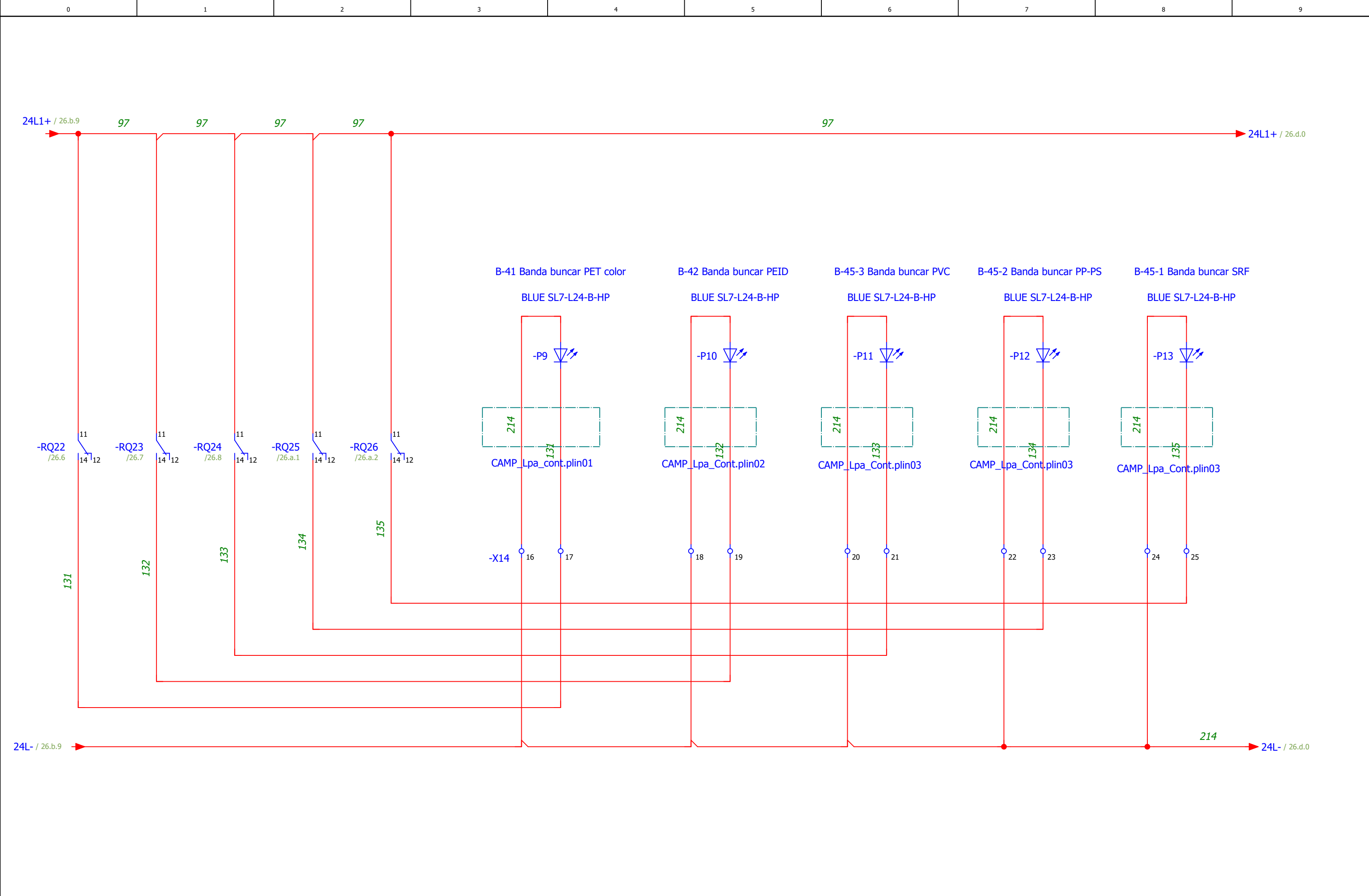
1	2.3
IN6	
-A3	
/19.c.5	
I7.3	
BU6	
Buton urgente	

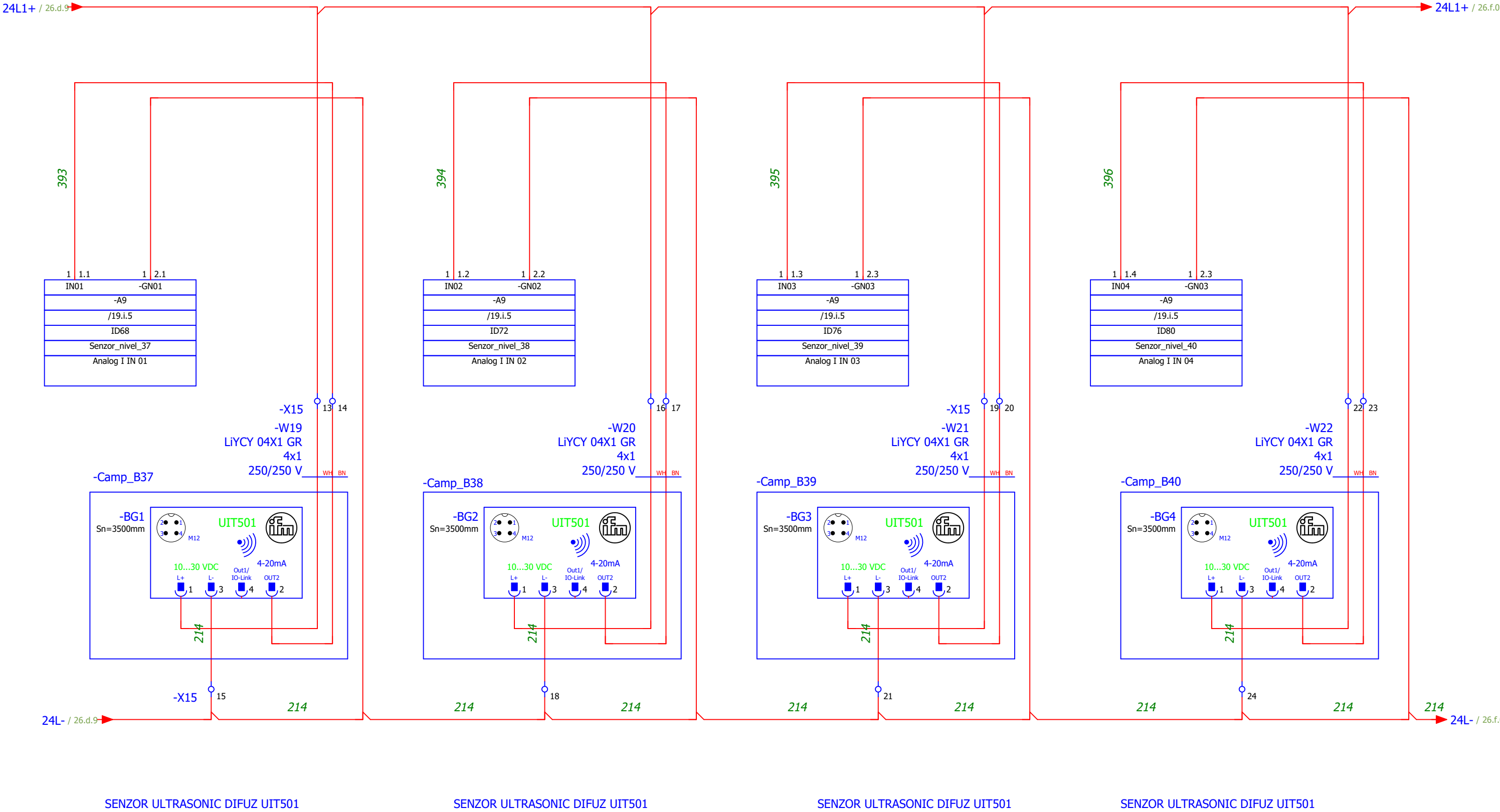






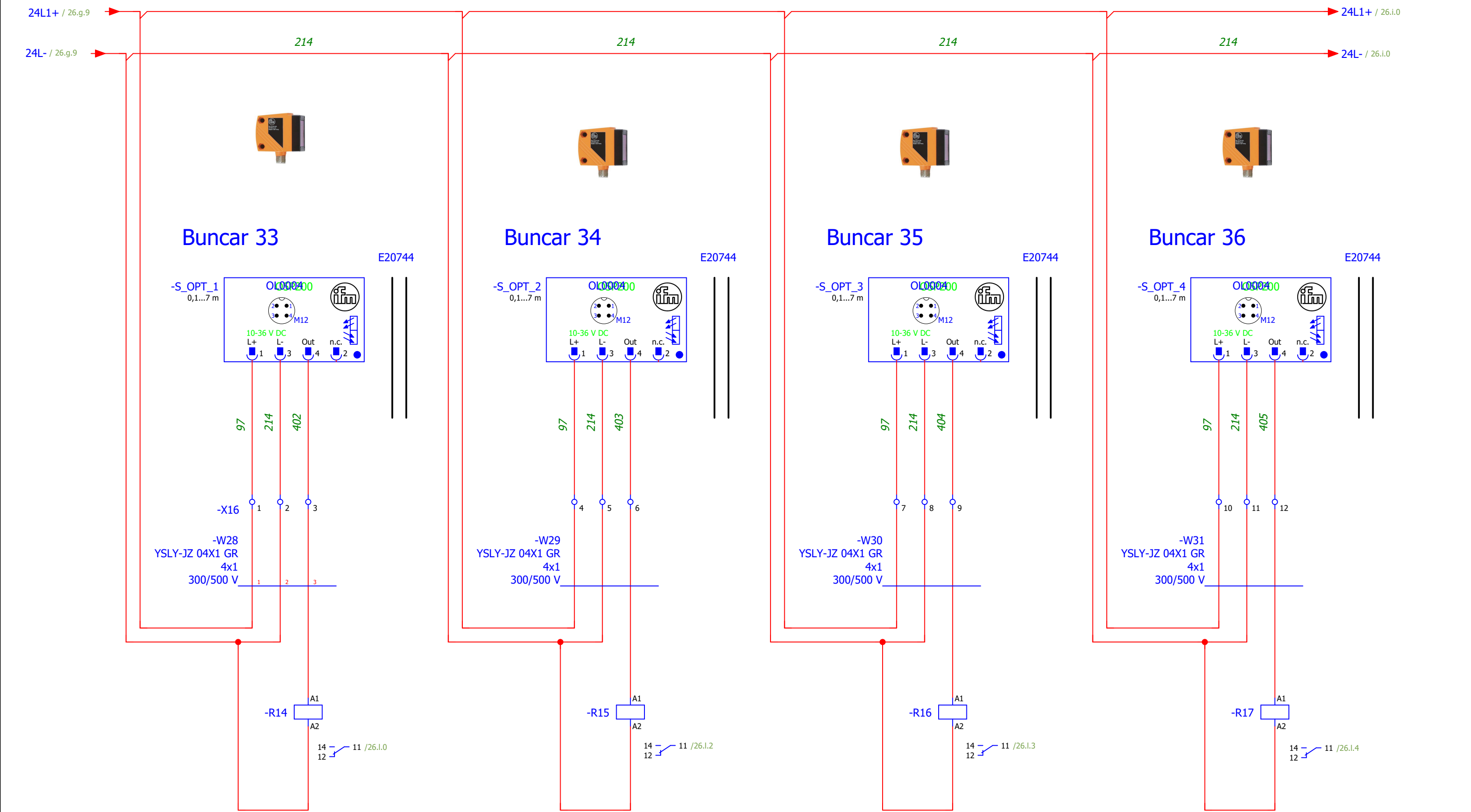




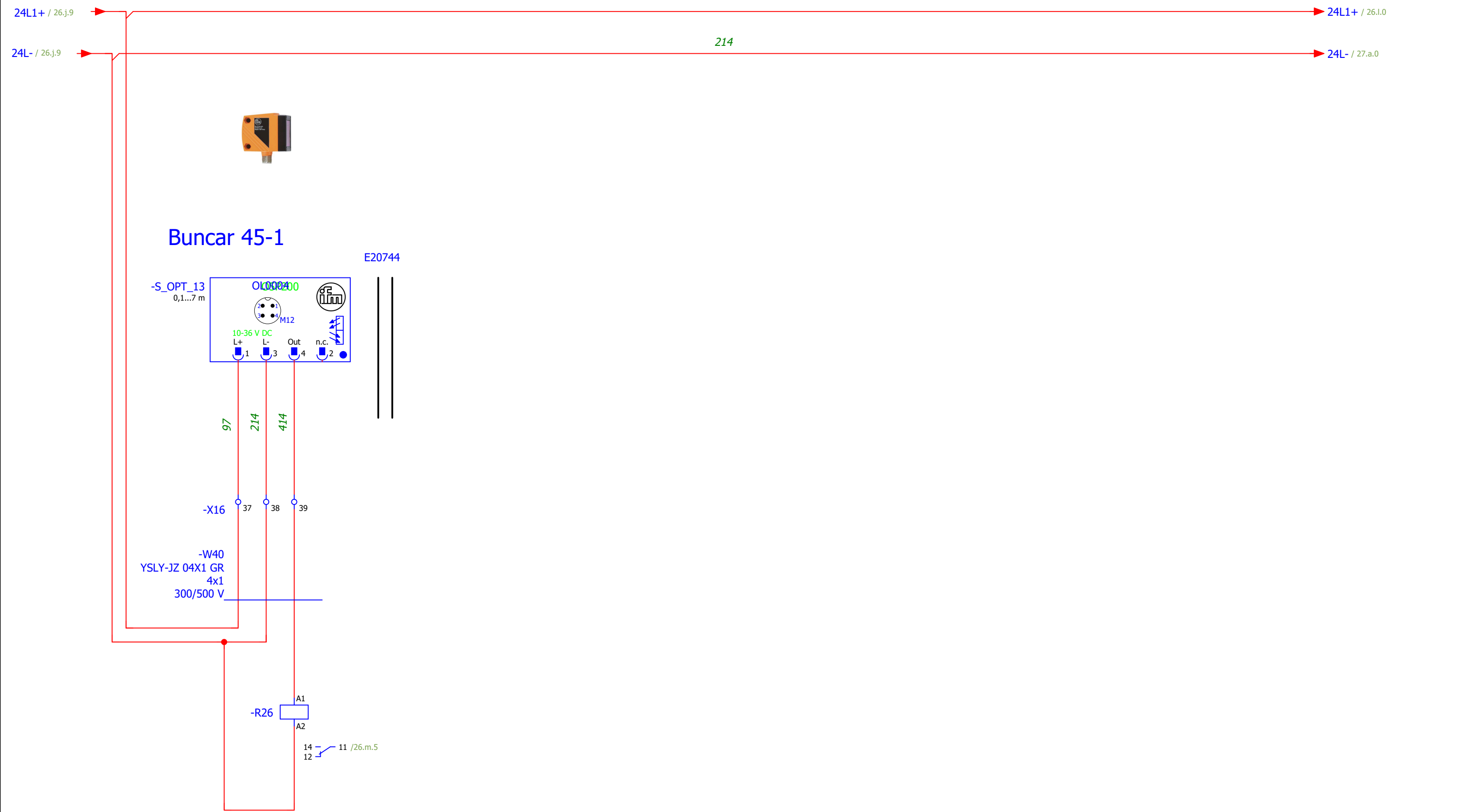




			Date	30/03/2023	EPLAN		Sc TEHNIMARKET Srl.	Senz_ultrasonici_nivel			= CA1	
			Ed	Nelu							+ EAA	
			Appr						TE_Benzi buncar			IEC_bas001
Modification	Date	Name	Original		Replacement of	Replaced by				Page	46 / 119	

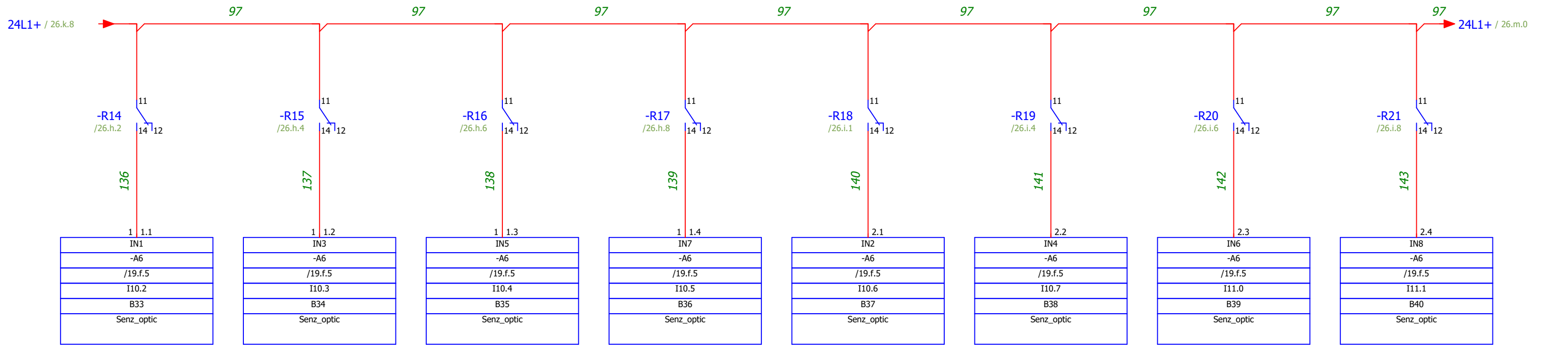


			Date	30/03/2023	EPLAN TE_Benzi buncar		Sc TEHNIMARKET Srl.	Senz_optic_retro_reflex	= CA1		
			Ed	Nelu					+ EAA		
			Appr								
Modification	Date	Name	Original		Replacement of	Replaced by			IEC_bas001		
									Page 26.h		
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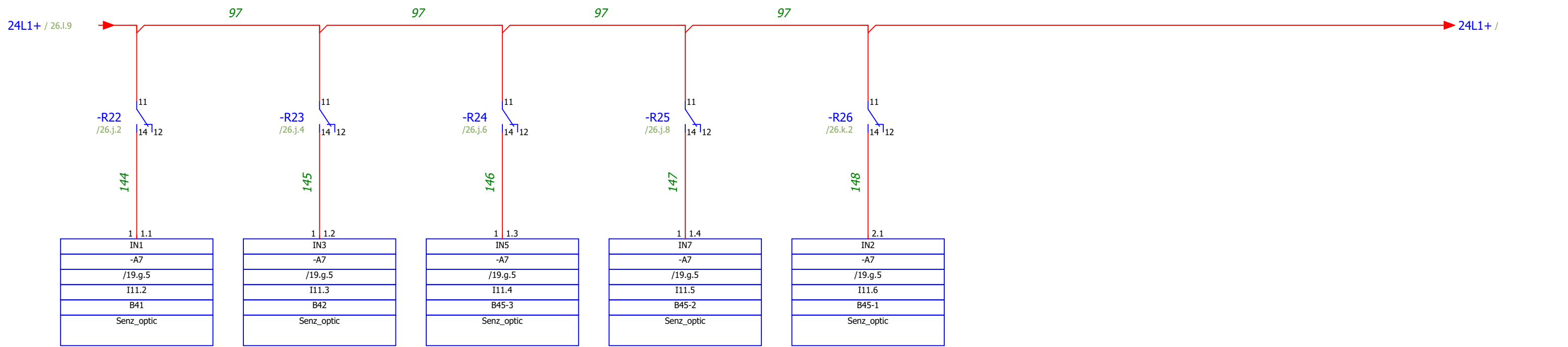


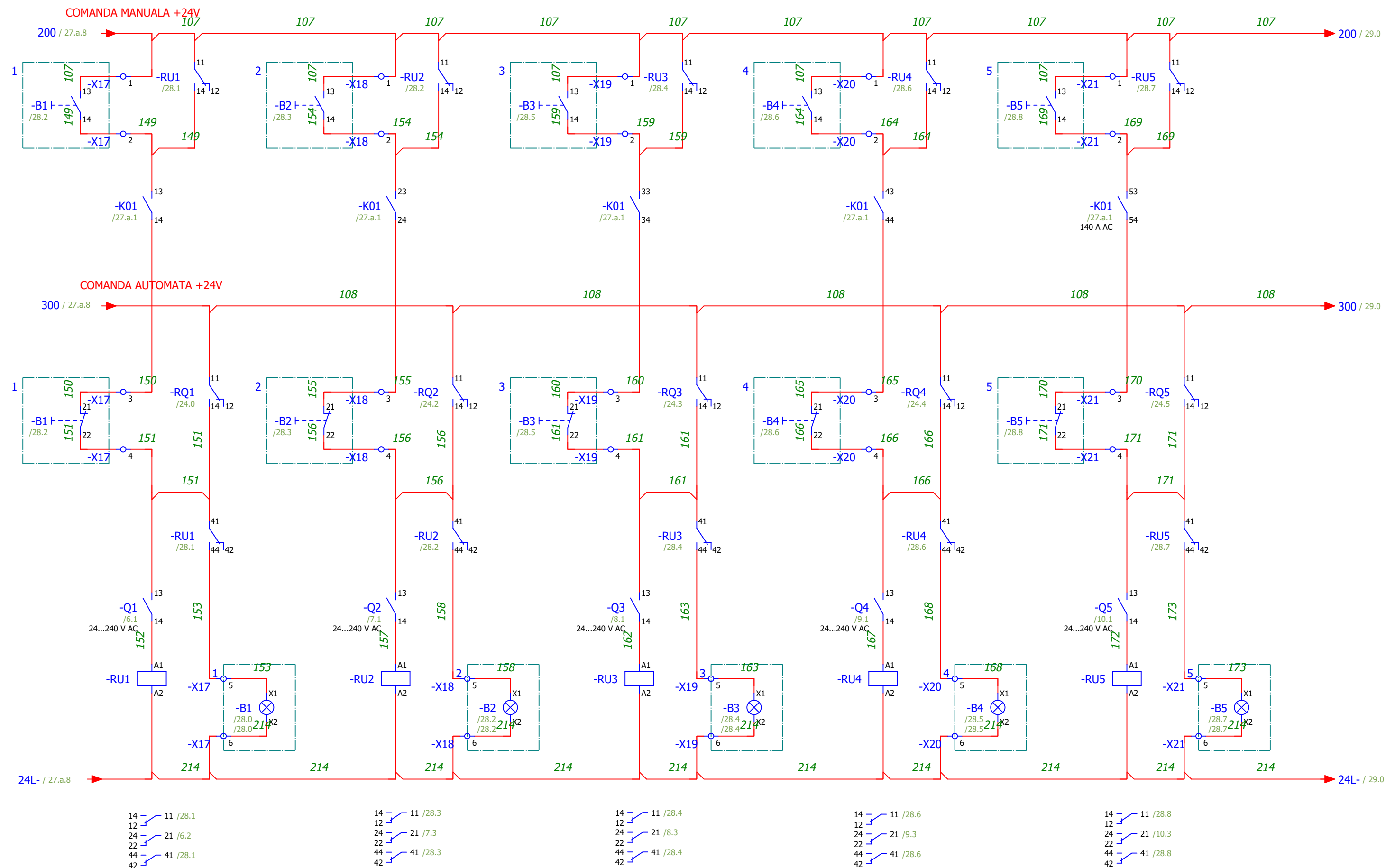
			Date	30/03/2023	EPLAN		Sc TEHNIMARKET Srl.	Senz_optic_retro_reflex			= CA1	
			Ed	Nelu							+ EAA	
			Appr									
Modification	Date	Name	Original		Replacement of	Replaced by				IEC_bas001	Page	26.k
											Page	50 / 119

RELEE DE LA SENZORI OPTICI CAPAT CURSA



RELEE DE LA SENZORI OPTICI CAPAT CURSA





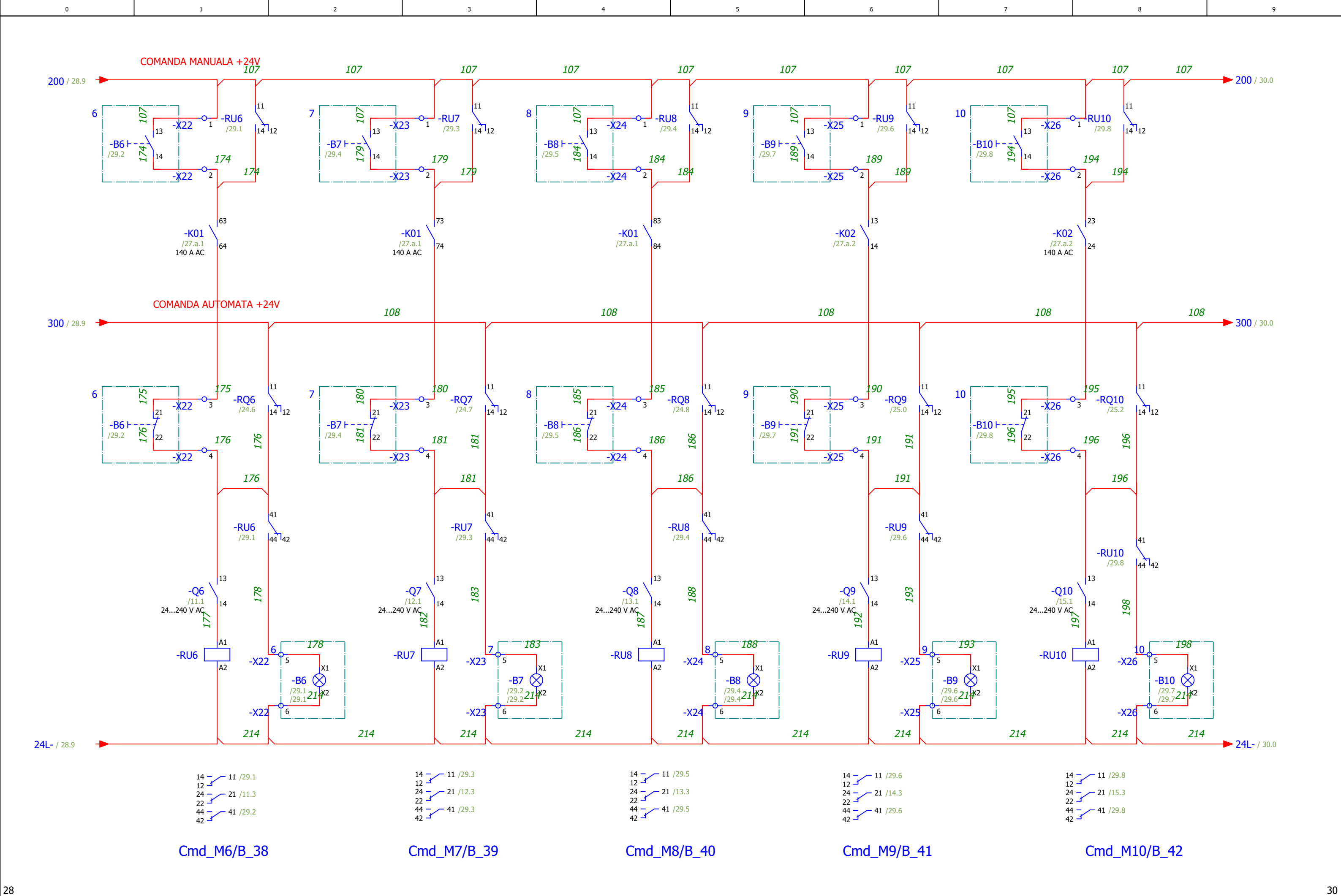
Cmd_M1/B_33

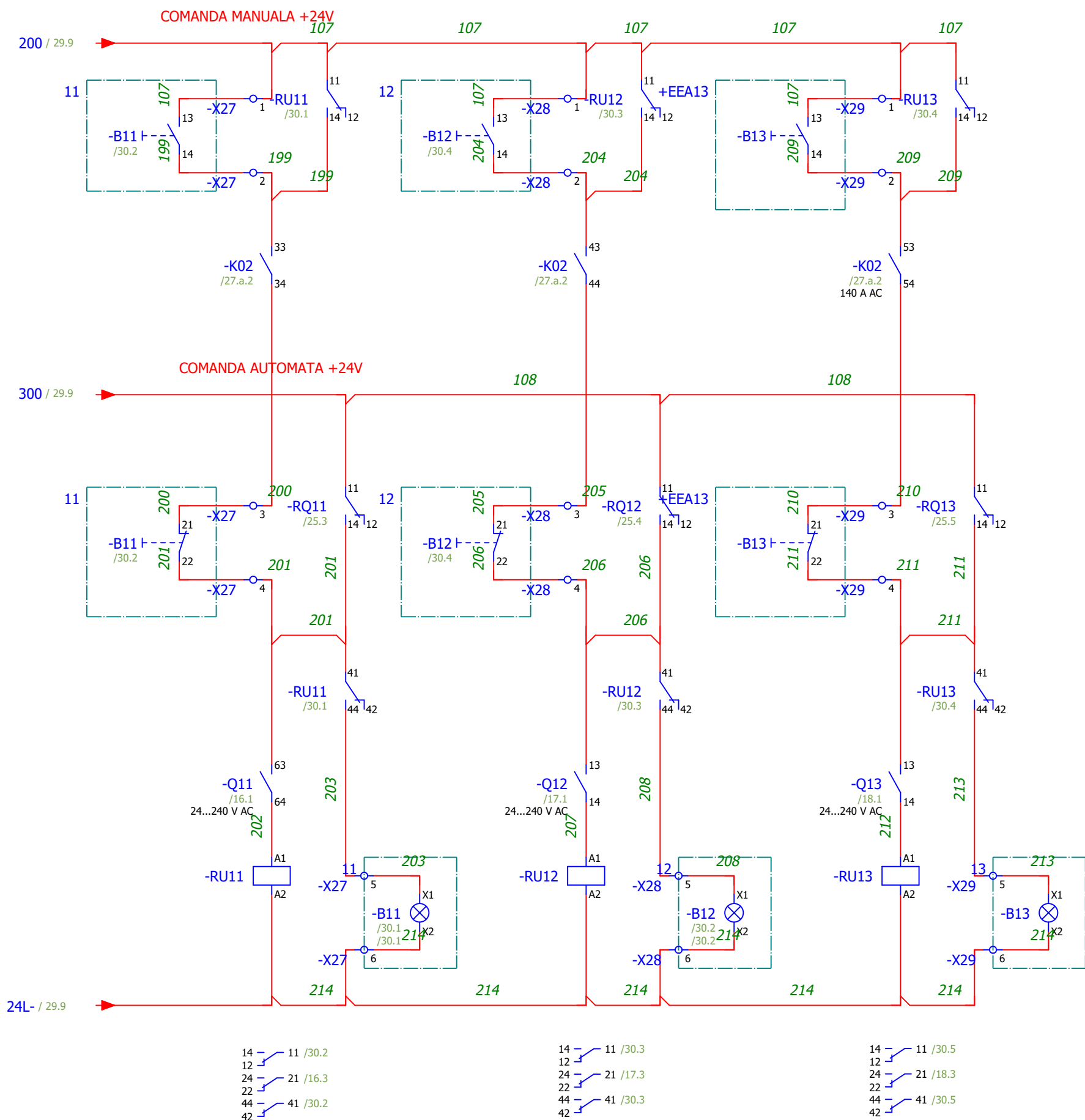
Cmd_M2/B_34

Cmd_M3/B_35

Cmd_M4/B_36

Cmd_M5/B_37

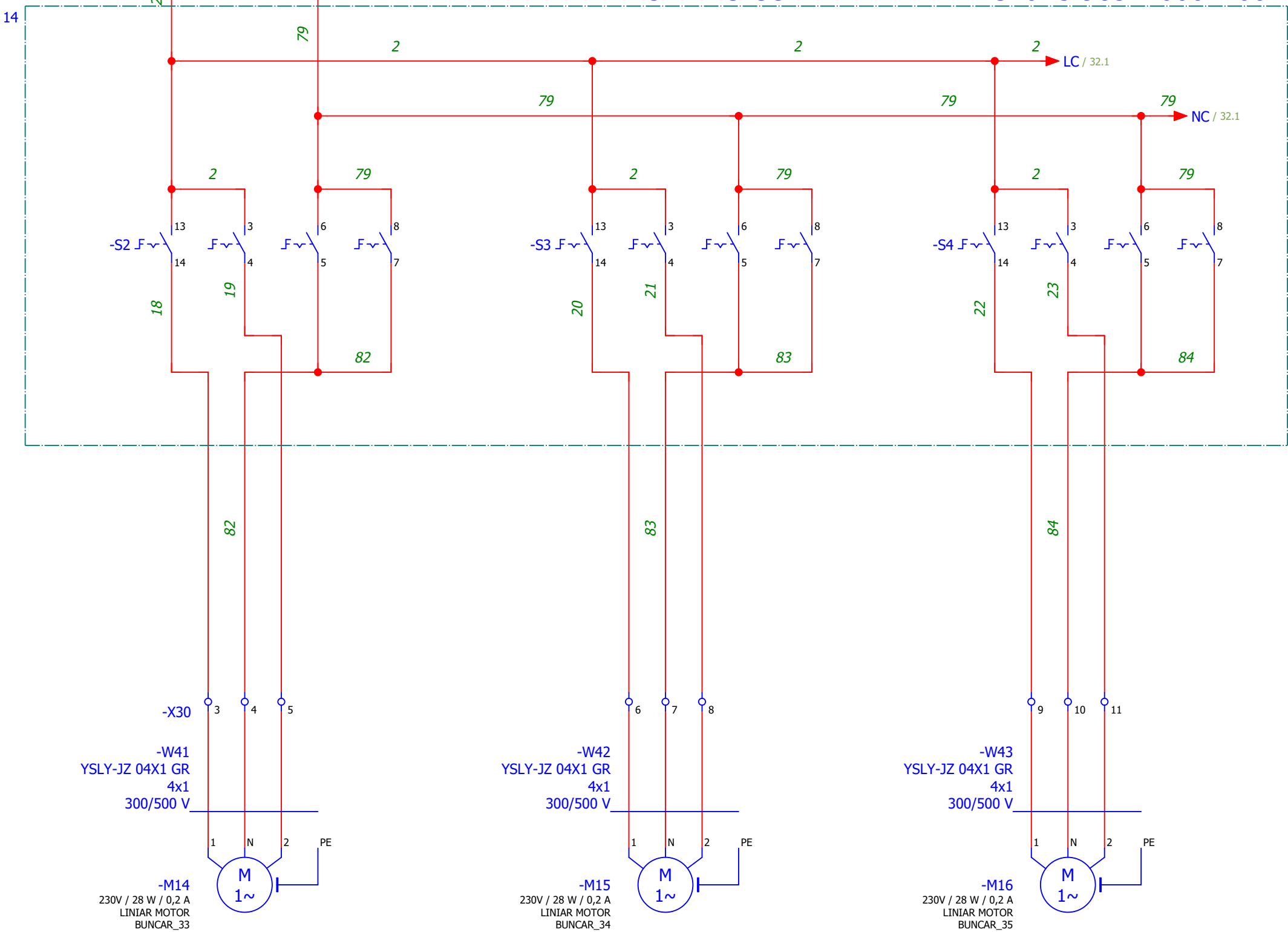




Cmd_M11/B_45-3

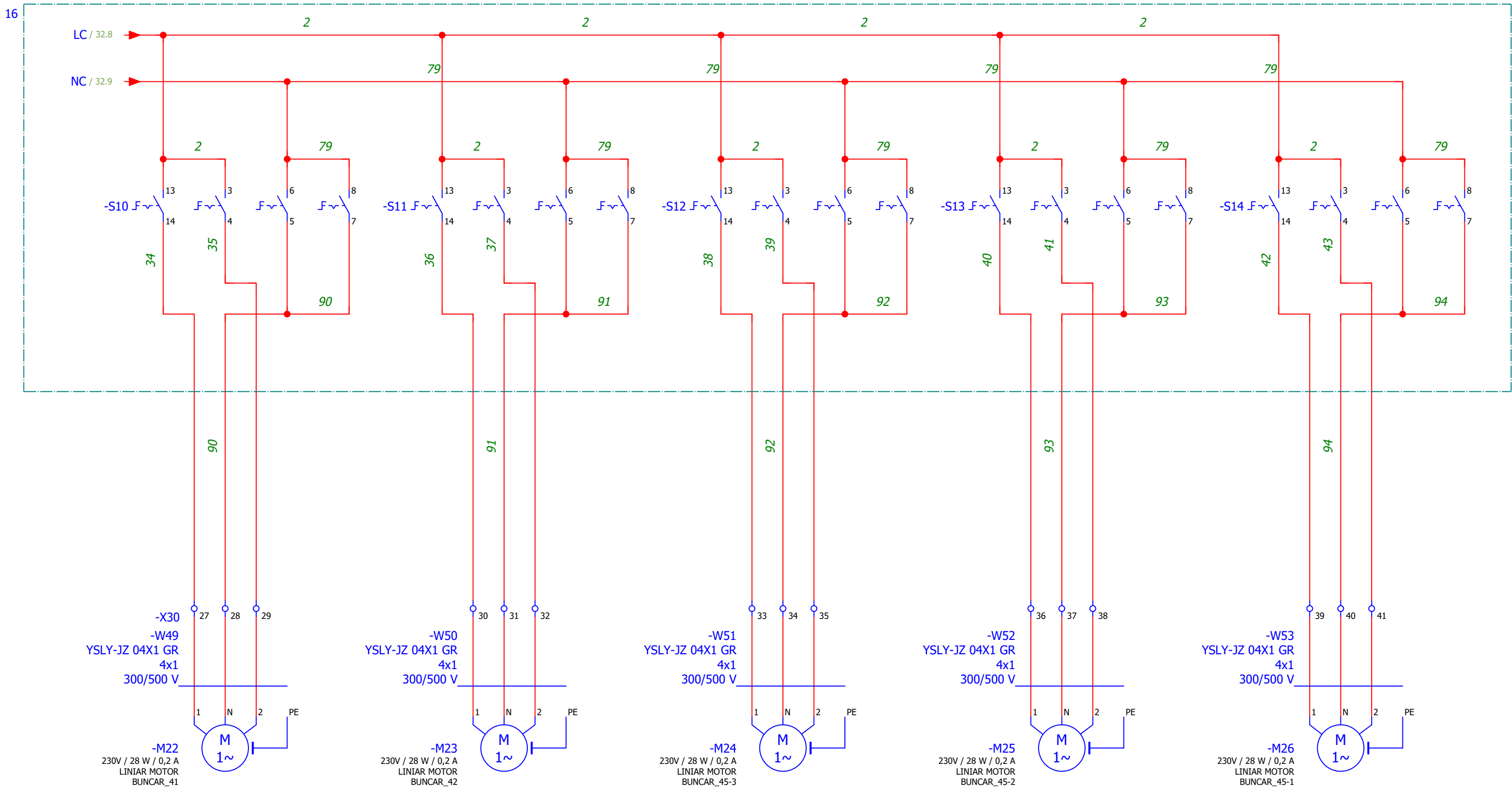
Cmd_M12/B_45-2

Cmd_M13/B_45-1



[illegible]

PUPITRU COMANDA TIP MPG10R5 985*1000*400



PUPITRU COMANDA TIP MPG10R5 985*1000*400



X17:1.....X29:6

Cablu YSLY-JZ 42*1 mm2 * 2 buc = 84 conductori



X30:1.....41

Cablu YSLY-JZ 04*1 mm2 * 14 buc = 56 conductori



Pe tabloul de comanda tip pupitru se vor amplasa comenzile manuale de START/STOP de la benzi si selectoarele de comanda ale motoarelor liniare

Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
	0				
	1	Relay Module	PLC-RSC- 24DC/21-21		PXC.2967060
	1	Inline terminal	IB IL 24 DO 8/HD-ECO		PXC.2702793
-A0	1	Bus coupler	IL PN BK DI8 DO4 2TX-PAC	PXC	PXC.2703994
-A0	0				
-A1	1	Inline terminal	IB IL 24 DI8/HD-PAC	PXC	PXC.2700173
-A2	1	Inline terminal	IB IL 24 DI8/HD-PAC	PXC	PXC.2700173
-A3	1	Inline terminal	IB IL 24 DI8/HD-PAC	PXC	PXC.2700173
-A4	1	Inline terminal	IB IL 24 DO 8/HD-ECO		PXC.2702793
-A5	1	Inline terminal	IB IL 24 DO 8/HD-ECO		PXC.2702793
-A6	1	Inline terminal	IB IL 24 DI8/HD-PAC	PXC	PXC.2700173
-A6	0				
-A7	1	Inline terminal	IB IL 24 DI8/HD-PAC	PXC	PXC.2700173
-A7	0				
-A8	1	Inline terminal	IB IL AI 4/I/4-20-ECO		PXC.2702495
-A8	0				
-A9	1	Inline terminal	IB IL AI 4/I/4-20-ECO		PXC.2702495
-A10	1	Inline terminal	IB IL AI 4/I/4-20-ECO		PXC.2702495
-A11	1	Inline terminal	IB IL AI 4/I/4-20-ECO		PXC.2702495
-A12	1	Inline terminal	IB IL 24 DO 8/HD-ECO		PXC.2702793
-A12	0				
-A13	1	Inline terminal	IB IL 24 DO 8/HD-ECO		PXC.2702793
-A20	0				
-A22	0				
-A23	0				
-A24	0				
-A25	0				
-A36	0				
-A40	0				
-A41	0				
-A42	0				
-B1	1	Double actuator pushbutton, +indicator light, green I/white/red 0	M22-DDL-GR-X1/X0	ETN	ETN.M22-DDL-GR-X1/X0
-B2	1	Double actuator pushbutton, +indicator light, green I/white/red 0	M22-DDL-GR-X1/X0	ETN	ETN.M22-DDL-GR-X1/X0
-B3	1	Double actuator pushbutton, 1N/O+1N/C, + LED 85-264VAC, screw connection	M22-DDL-GR-X1/X0/K11/230-W	ETN	ETN.M22-DDL-GR-X1/X0/K11/230-W
-B4	1	Double actuator pushbutton, 1N/O+1N/C, + LED 85-264VAC, screw connection	M22-DDL-GR-X1/X0/K11/230-W	ETN	ETN.M22-DDL-GR-X1/X0/K11/230-W
-B5	1	Double actuator pushbutton, 1N/O+1N/C, + LED 85-264VAC, screw connection	M22-DDL-GR-X1/X0/K11/230-W	ETN	ETN.M22-DDL-GR-X1/X0/K11/230-W
-B6	1	Double actuator pushbutton, +indicator light, green I/white/red 0	M22-DDL-GR-X1/X0	ETN	ETN.M22-DDL-GR-X1/X0
-B7	1	Double actuator pushbutton, +indicator light, green I/white/red 0	M22-DDL-GR-X1/X0	ETN	ETN.M22-DDL-GR-X1/X0
-B8	1	Double actuator pushbutton, 1N/O+1N/C, + LED 85-264VAC, screw connection	M22-DDL-GR-X1/X0/K11/230-W	ETN	ETN.M22-DDL-GR-X1/X0/K11/230-W
-B9	1	Double actuator pushbutton, 1N/O+1N/C, + LED 85-264VAC, screw connection	M22-DDL-GR-X1/X0/K11/230-W	ETN	ETN.M22-DDL-GR-X1/X0/K11/230-W
-B10	1	Double actuator pushbutton, 1N/O+1N/C, + LED 85-264VAC, screw connection	M22-DDL-GR-X1/X0/K11/230-W	ETN	ETN.M22-DDL-GR-X1/X0/K11/230-W
-B11	1	Double actuator pushbutton, +indicator light, green I/white/red 0	M22-DDL-GR-X1/X0	ETN	ETN.M22-DDL-GR-X1/X0
-B12	1	Double actuator pushbutton, +indicator light, green I/white/red 0	M22-DDL-GR-X1/X0	ETN	ETN.M22-DDL-GR-X1/X0
-B13	1	Double actuator pushbutton, 1N/O+1N/C, + LED 85-264VAC, screw connection	M22-DDL-GR-X1/X0/K11/230-W	ETN	ETN.M22-DDL-GR-X1/X0/K11/230-W
-BU0	1	Red Ø40 Emergency stop, switching off Ø22 trigger latching turn release 2NC	XB5AS8444	SE	SE.XB5AS8444
-BU0	0				
-BU1	1	ENCLOSURE PLASTIC, 1 COMMAND POINT	3SU1801-0NA00-2AC2	SIE	SIE.3SU1801-0NA00-2AC2
-BU1	0				
-BU2	1	ENCLOSURE PLASTIC, 1 COMMAND POINT	3SU1801-0NA00-2AC2	SIE	SIE.3SU1801-0NA00-2AC2
-BU2	0				
-BU3	1	ENCLOSURE PLASTIC, 1 COMMAND POINT	3SU1801-0NA00-2AC2	SIE	SIE.3SU1801-0NA00-2AC2
-BU3	0				
-BU4	1	ENCLOSURE PLASTIC, 1 COMMAND POINT	3SU1801-0NA00-2AC2	SIE	SIE.3SU1801-0NA00-2AC2
-BU4	0				
-BU5	1	ENCLOSURE PLASTIC, 1 COMMAND POINT	3SU1801-0NA00-2AC2	SIE	SIE.3SU1801-0NA00-2AC2
-BU5	0				

Device tag	Quantity	Designation	Type number	Supplier	Part number
-BU6	1	ENCLOSURE PLASTIC, 1 COMMAND POINT	3SU1801-0NA00-2AC2	SIE	SIE.3SU1801-0NA00-2AC2
-BU6	0				
-Camp_B33	0				
-Camp_B33-BG1	1	ultrasonic diffuse reflection sensor, DC PNP, normally open / normally closed; (parameterisable)	UIA03500E1KG/IO-Link/US		IFM.UIT501
-Camp_B34	0				
-Camp_B34-BG2	1	ultrasonic diffuse reflection sensor, DC PNP, normally open / normally closed; (parameterisable)	UIA03500E1KG/IO-Link/US		IFM.UIT501
-Camp_B35	0				
-Camp_B35-BG3	1	ultrasonic diffuse reflection sensor, DC PNP, normally open / normally closed; (parameterisable)	UIA03500E1KG/IO-Link/US		IFM.UIT501
-Camp_B36	0				
-Camp_B36-BG4	1	ultrasonic diffuse reflection sensor, DC PNP, normally open / normally closed; (parameterisable)	UIA03500E1KG/IO-Link/US		IFM.UIT501
-Camp_B37	0				
-Camp_B37-BG1	1	ultrasonic diffuse reflection sensor, DC PNP, normally open / normally closed; (parameterisable)	UIA03500E1KG/IO-Link/US		IFM.UIT501
-Camp_B38	0				
-Camp_B38-BG2	1	ultrasonic diffuse reflection sensor, DC PNP, normally open / normally closed; (parameterisable)	UIA03500E1KG/IO-Link/US		IFM.UIT501
-Camp_B39	0				
-Camp_B39-BG3	1	ultrasonic diffuse reflection sensor, DC PNP, normally open / normally closed; (parameterisable)	UIA03500E1KG/IO-Link/US		IFM.UIT501
-Camp_B40	0				
-Camp_B40-BG4	1	ultrasonic diffuse reflection sensor, DC PNP, normally open / normally closed; (parameterisable)	UIA03500E1KG/IO-Link/US		IFM.UIT501
-Camp_B41	0				
-Camp_B41-BG1	1	ultrasonic diffuse reflection sensor, DC PNP, normally open / normally closed; (parameterisable)	UIA03500E1KG/IO-Link/US		IFM.UIT501
-Camp_B42	0				
-Camp_B42-BG2	1	ultrasonic diffuse reflection sensor, DC PNP, normally open / normally closed; (parameterisable)	UIA03500E1KG/IO-Link/US		IFM.UIT501
-Camp_B45-1	0				
-Camp_B45-2	0				
-Camp_B45-3	0				
-Camp_B45-1-BG1	1	ultrasonic diffuse reflection sensor, DC PNP, normally open / normally closed; (parameterisable)	UIA03500E1KG/IO-Link/US		IFM.UIT501
-Camp_B45-2-BG4	1	ultrasonic diffuse reflection sensor, DC PNP, normally open / normally closed; (parameterisable)	UIA03500E1KG/IO-Link/US		IFM.UIT501
-Camp_B45-3-BG3	1	ultrasonic diffuse reflection sensor, DC PNP, normally open / normally closed; (parameterisable)	UIA03500E1KG/IO-Link/US		IFM.UIT501
-F2.1	1	Over current switch, 6A, 2p, C-Char, AC	PXL-C6/2	ETN	ETN.PXL-C6/2
-F2.2	1	Over current switch, 2A, 2p, C-Char, AC	PXL-C2/2	ETN	ETN.PXL-C2/2
-F3.1	1	Over current switch, 6A, 1p, C-Char, DC current	PXL-C6-DC	ETN	ETN.PXL-C6-DC
-F3.2	1	Over current switch, 6A, 1p, C-Char, DC current	PXL-C6-DC	ETN	ETN.PXL-C6-DC
-F4	1	Over current switch, 6A, 1Np, C-Char, AC	FAZ-PN-C6/1N	ETN	ETN.FAZ-PN-C6/1N
-F5	1	Over current switch, 16A, 1Np, C-Char, AC	FAZ-PN-C16/1N	ETN	ETN.FAZ-PN-C16/1N
-F6	1	Over current switch, 16A, 1Np, C-Char, AC	FAZ-PN-C16/1N	ETN	ETN.FAZ-PN-C16/1N
-F7	1	Over current switch, 2A, 2p, C-Char, AC	PXL-C2/2	ETN	ETN.PXL-C2/2
-F8	1	Over current switch, 2A, 3p, C-Char, AC	PXL-C2/3	ETN	ETN.PXL-C2/3
-F9	1	Over current switch, 6A, 1p, C-Char, AC	PXL-C6/1	ETN	ETN.PXL-C6/1
-FAN_TE	0				
-G1	1	Power supply unit	TRIO-PS/1AC/24DC/10	PXC	PXC.2866323
-HL1	1	Monolithic pilot light Ø 22 - green - integral LED - 230V		SE	SE.XB7EV03MP
-HL2	1	Monolithic pilot light Ø 22 - green - integral LED - 230V		SE	SE.XB7EV03MP
-HL3	1	Monolithic pilot light Ø 22 - green - integral LED - 230V		SE	SE.XB7EV03MP
-K01	1	Contacteur TeSys CAD-50 - 5 NO + 0 NC - 10A - 24 VDC,screw-clamps terminals	CAD 5NO 24VDC	SE	SE.CAD50BD
-K01	1	Auxiliary contact block, TeSys Deca, 4NO, front mounting, screw clamp terminals	LADN40	SE	SE.LADN40
-K02	1	Contacteur TeSys CAD-50 - 5 NO + 0 NC - 10A - 24 VDC,screw-clamps terminals	CAD 5NO 24VDC	SE	SE.CAD50BD
-K02	1	Auxiliary contact block, TeSys Deca, 4NO, front mounting, screw clamp terminals	LADN40	SE	SE.LADN40
-K03	1	Contacteur TeSys CAD-50 - 5 NO + 0 NC - 10A - 24 VDC,screw-clamps terminals	CAD 5NO 24VDC	SE	SE.CAD50BD
-K03	1	Auxiliary contact block, TeSys Deca, 4NO, front mounting, screw clamp terminals	LADN40	SE	SE.LADN40
-K4	0				
-K5	0				
-K?	0				
-LP_Tablou1	1				STE.02540.0-03
-LP_Tablou2	1				STE.02540.0-03
-LS	1				ETN.LS-11
-M1	0				

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Device tag	Quantity	Designation	Type number	Supplier	Part number
-M2	0				
-M3	0				
-M4	0				
-M5	0				
-M6	0				
-M7	0				
-M8	0				
-M9	0				
-M10	0				
-M11	0				
-M12	0				
-M13	0				
-M14	0				
-M15	0				
-M16	0				
-M17	0				
-M18	0				
-M19	0				
-M20	0				
-M21	0				
-M22	0				
-M23	0				
-M24	0				
-M25	0				
-M26	0				
-P1	1				ETN.SL7-L24-B-HP
-P2	1				ETN.SL7-L24-B-HP
-P3	1				ETN.SL7-L24-B-HP
-P4	1				ETN.SL7-L24-B-HP
-P5	1				ETN.SL7-L24-B-HP
-P6	1				ETN.SL7-L24-B-HP
-P7	1				ETN.SL7-L24-B-HP
-P8	1				ETN.SL7-L24-B-HP
-P9	1				ETN.SL7-L24-B-HP
-P10	1				ETN.SL7-L24-B-HP
-P11	1				ETN.SL7-L24-B-HP
-P12	1				ETN.SL7-L24-B-HP
-P13	1				ETN.SL7-L24-B-HP
-PRIZA_SERVICE1	0				
-PRIZA_SERVICE2	0				
-Q0	1	Switch-disconnector Compact INS160 - 4 poles - 160 A	28913	SE	SE.28913
-Q1	1	Motor circuit breaker, TeSys Deca, 3P, 9-14 A, thermal magnetic, screw clamp terminals	GV2ME16	SE	SE.GV2ME16
-Q1	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q1	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q2	1	Motor circuit breaker, TeSys Deca, 3P, 4-6.3 A, thermal magnetic, screw clamp terminals	GV2ME10	SE	SE.GV2ME10
-Q2	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q2	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q3	1	Motor circuit breaker, TeSys Deca, 3P, 4-6.3 A, thermal magnetic, screw clamp terminals	GV2ME10	SE	SE.GV2ME10
-Q3	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q3	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q4	1	Motor circuit breaker, TeSys Deca, 3P, 4-6.3 A, thermal magnetic, screw clamp terminals	GV2ME10	SE	SE.GV2ME10
-Q4	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q4	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q5	1	Motor circuit breaker, TeSys Deca, 3P, 4-6.3 A, thermal magnetic, screw clamp terminals	GV2ME10	SE	SE.GV2ME10
-Q5	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q5	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11

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Device tag	Quantity	Designation	Type number	Supplier	Part number
-Q6	1	Motor circuit breaker, TeSys Deca, 3P, 4-6.3 A, thermal magnetic, screw clamp terminals	GV2ME10	SE	SE.GV2ME10
-Q6	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q6	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q7	1	Motor circuit breaker, TeSys Deca, 3P, 4-6.3 A, thermal magnetic, screw clamp terminals	GV2ME10	SE	SE.GV2ME10
-Q7	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q7	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q8	1	Motor circuit breaker, TeSys Deca, 3P, 4-6.3 A, thermal magnetic, screw clamp terminals	GV2ME10	SE	SE.GV2ME10
-Q8	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q8	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q9	1	Motor circuit breaker, TeSys Deca, 3P, 4-6.3 A, thermal magnetic, screw clamp terminals	GV2ME10	SE	SE.GV2ME10
-Q9	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q9	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q10	1	Motor circuit breaker, TeSys Deca, 3P, 4-6.3 A, thermal magnetic, screw clamp terminals	GV2ME10	SE	SE.GV2ME10
-Q10	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q10	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q11	1	Motor circuit breaker, TeSys Deca, 3P, 4-6.3 A, thermal magnetic, screw clamp terminals	GV2ME10	SE	SE.GV2ME10
-Q11	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q11	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q12	1	Motor circuit breaker, TeSys Deca, 3P, 4-6.3 A, thermal magnetic, screw clamp terminals	GV2ME10	SE	SE.GV2ME10
-Q12	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q12	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-Q13	1	Motor circuit breaker, TeSys Deca, 3P, 4-6.3 A, thermal magnetic, screw clamp terminals	GV2ME10	SE	SE.GV2ME10
-Q13	1	TeSys GVAE11 - auxiliary contact - 1 NO + 1 NC	GVAE11	SE	SE.GVAE11
-Q13	1	TeSys GVAN11 - auxiliary contact block - 1 NO + 1 NC	GVAN11	SE	SE.GVAN11
-R1	0				
-R1	1	Relay Module	RIF-2-RSC-LDP-24DC/4X21	PXC	PXC.2903320
-R2	1	Relay Module	RIF-2-RSC-LDP-24DC/4X21	PXC	PXC.2903320
-R3	1	Relay Module	RIF-2-RSC-LDP-24DC/4X21	PXC	PXC.2903320
-R4	1	Relay Module	RIF-2-RSC-LDP-24DC/4X21	PXC	PXC.2903320
-R5	1	Relay Module	RIF-2-RSC-LDP-24DC/4X21	PXC	PXC.2903320
-R6	1	Relay Module	RIF-2-RSC-LDP-24DC/4X21	PXC	PXC.2903320
-R7	1	Relay Module	RIF-2-RSC-LDP-24DC/4X21	PXC	PXC.2903320
-R8	1	Relay Module	RIF-2-RSC-LDP-24DC/4X21	PXC	PXC.2903320
-R9	1	Relay Module	RIF-2-RSC-LDP-24DC/4X21	PXC	PXC.2903320
-R10	1	Relay Module	RIF-2-RSC-LDP-24DC/4X21	PXC	PXC.2903320
-R11	1	Relay Module	RIF-2-RSC-LDP-24DC/4X21	PXC	PXC.2903320
-R12	1	Relay Module	RIF-2-RSC-LDP-24DC/4X21	PXC	PXC.2903320
-R13	1	Relay Module	RIF-2-RSC-LDP-24DC/4X21	PXC	PXC.2903320
-R14	1	Relay Module	PR2-RSC3-LDP-24DC/4X21AU	PXC	PXC.2834724
-R15	1	Relay Module	PR2-RSC3-LDP-24DC/4X21AU	PXC	PXC.2834724
-R16	1	Relay Module	PR2-RSC3-LDP-24DC/4X21AU	PXC	PXC.2834724
-R17	1	Relay Module	PR2-RSC3-LDP-24DC/4X21AU	PXC	PXC.2834724
-R18	1	Relay Module	PR2-RSC3-LDP-24DC/4X21AU	PXC	PXC.2834724
-R19	1	Relay Module	PR2-RSC3-LDP-24DC/4X21AU	PXC	PXC.2834724
-R20	1	Relay Module	PR2-RSC3-LDP-24DC/4X21AU	PXC	PXC.2834724
-R21	1	Relay Module	PR2-RSC3-LDP-24DC/4X21AU	PXC	PXC.2834724
-R22	1	Relay Module	PR2-RSC3-LDP-24DC/4X21AU	PXC	PXC.2834724
-R23	1	Relay Module	PR2-RSC3-LDP-24DC/4X21AU	PXC	PXC.2834724
-R24	1	Relay Module	PR2-RSC3-LDP-24DC/4X21AU	PXC	PXC.2834724
-R25	1	Relay Module	PR2-RSC3-LDP-24DC/4X21AU	PXC	PXC.2834724
-R26	1	Relay Module	PR2-RSC3-LDP-24DC/4X21AU	PXC	PXC.2834724
-RM	1	Monitoring relay, 3 phase + neutral AC line monitoring - AC (50/60 Hz) - 380...415 V	70.41.8.400.2030	FIN	FIN.70.41.8.400.2030
-RQ1	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RQ2	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RQ3	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RQ4	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060

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Device tag	Quantity	Designation	Type number	Supplier	Part number
-RQ5	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RQ6	1	Relay	40.52.9.024.0000	FIN	FIN.40.52.9.024.0000
-RQ7	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RQ8	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RQ9	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RQ10	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RQ11	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RQ12	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RQ13	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RQ14	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RQ15	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RQ16	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RQ17	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RQ18	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RQ19	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RQ20	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RQ21	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RQ22	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RQ23	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RQ24	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RQ25	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RQ26	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RSTOP1	1	Relay Module	RIF-2-RSC-LDP-24DC/4X21	PXC	PXC.2903320
-RSTOP2	1	Relay Module	RIF-2-RSC-LDP-24DC/4X21	PXC	PXC.2903320
-RSTOP3	1	Relay Module	RIF-2-RSC-LDP-24DC/4X21	PXC	PXC.2903320
-RSTOP4	1	Relay Module	RIF-2-RSC-LDP-24DC/4X21	PXC	PXC.2903320
-RU1	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-RU2	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-RU3	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-RU4	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-RU5	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-RU6	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-RU7	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-RU8	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-RU9	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-RU10	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-RU11	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-RU12	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-RU13	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-S1	1	Monolithic selector switch - Ø 22 - black - standard handle - 3 positions - 2 NO		SE	SE.XB7ND33
-S2	1	Black selector switch Ø22 3-position spring return 2NO 600V	XB4BD53	SE	SE.XB4BD53
-S3	1	Black selector switch Ø22 3-position spring return 2NO 600V	XB4BD53	SE	SE.XB4BD53
-S4	1	Black selector switch Ø22 3-position spring return 2NO 600V	XB4BD53	SE	SE.XB4BD53
-S5	1	Black selector switch Ø22 3-position spring return 2NO 600V	XB4BD53	SE	SE.XB4BD53
-S6	1	Black selector switch Ø22 3-position spring return 2NO 600V	XB4BD53	SE	SE.XB4BD53
-S7	1	Black selector switch Ø22 3-position spring return 2NO 600V	XB4BD53	SE	SE.XB4BD53
-S8	1	Black selector switch Ø22 3-position spring return 2NO 600V	XB4BD53	SE	SE.XB4BD53
-S9	1	Black selector switch Ø22 3-position spring return 2NO 600V	XB4BD53	SE	SE.XB4BD53
-S10	1	Black selector switch Ø22 3-position spring return 2NO 600V	XB4BD53	SE	SE.XB4BD53
-S11	1	Black selector switch Ø22 3-position spring return 2NO 600V	XB4BD53	SE	SE.XB4BD53
-S12	1	Black selector switch Ø22 3-position spring return 2NO 600V	XB4BD53	SE	SE.XB4BD53
-S13	1	Black selector switch Ø22 3-position spring return 2NO 600V	XB4BD53	SE	SE.XB4BD53
-S14	1	Black selector switch Ø22 3-position spring return 2NO 600V	XB4BD53	SE	SE.XB4BD53
-S14	1	Harmony XB5 1NO contact	ZBE101	SE	SE.ZBE101
-SH-SR1	1	Illuminated pushbutton actuator, flush, red, momentary	M22-DL-R	ETN	ETN.M22-DL-R
-SH-SR1	1	LED element, red, front mount, 12-30VAC/DC	M22-LED-R	ETN	ETN.M22-LED-R

Parts list

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[illegible]

			Date	30/03/2023	EPLAN		Sc TEHNIMARKET Srl.	Parts list : SE.XPSBAC14AP -			= CA1	
			Ed	Nelu							+ EAA	
			Appr						TE_Benzi buncar			IEC_bas001
Modification	Date	Name	Original		Replacement of	Replaced by				Page	66 / 119	

Cable diagram

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Cable name =CA1+EAA-W1		Cable type H07RN-F		No. of conductors 4		Cross-section 70		Cable length		Function text	
Function text		X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text		
		/2.0	-TD	L1	BN	-X0	1	/2.0			
		/2.1	-TD	N	BK	-X0	4	/2.1			
		/2.0	-TD	L2	GY	-X0	2	/2.0			
		/2.1	-TD	PE	GNYE		PE	/2.1			
		/2.1	-TD	L3	BU	-X0	3	/2.1			

