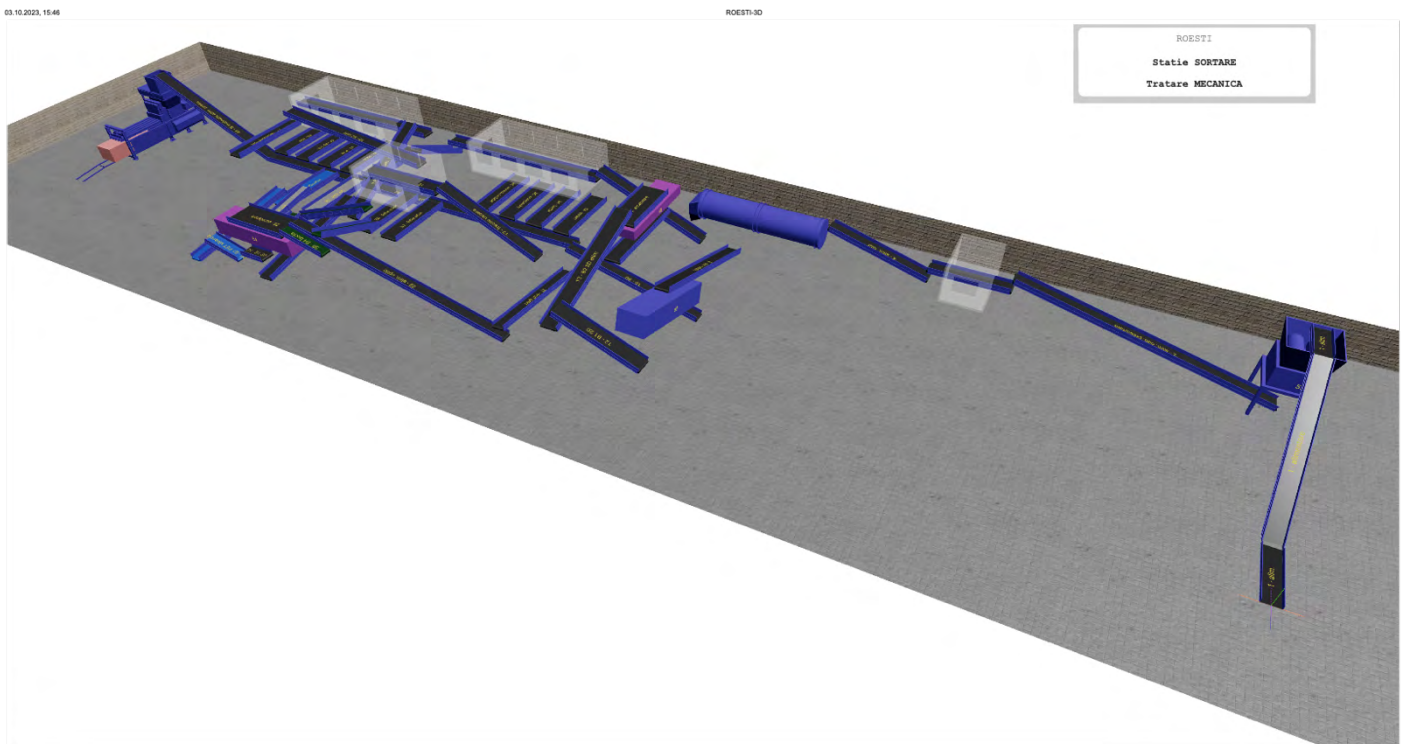


MANUAL ELECTRICITATE ȘI AUTOMATIZĂRI

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



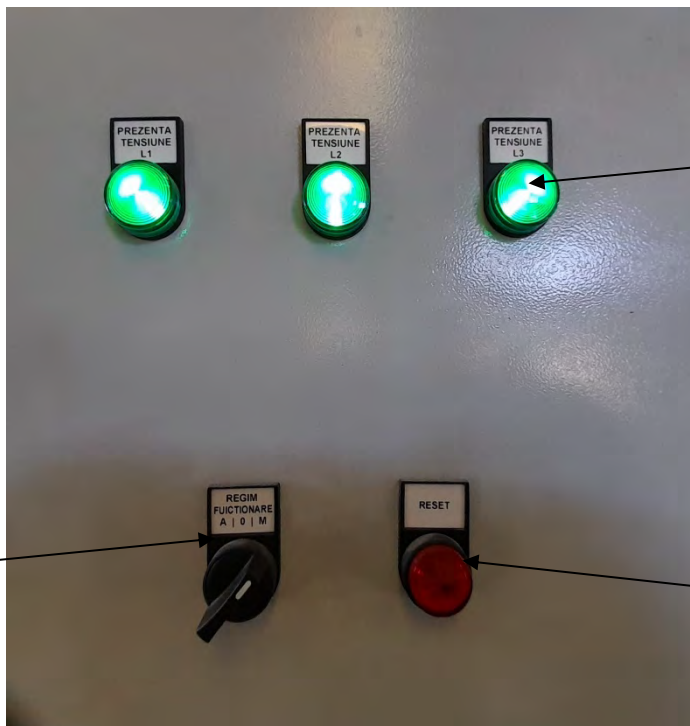


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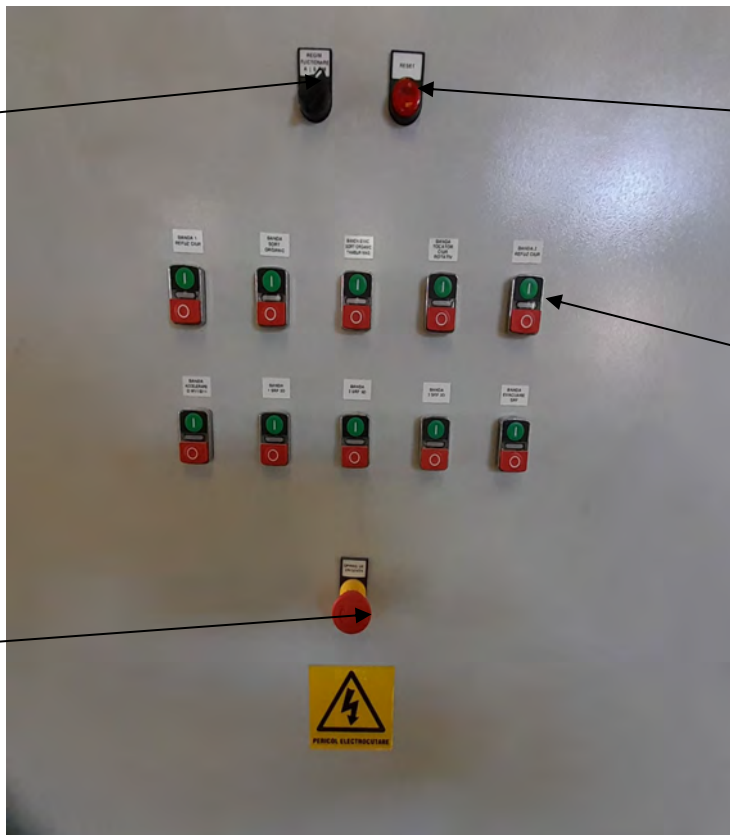
Panou frontal



Semnalizare prezenta tensiune

Selector functionare Automat | Oprire | Manual

Buton reset safety relay



Selector functionare Automat | O | Manual

Buton reset safety relay

Butoane Start/Funcționare motoare/Stop

Buton OPRIRE DE URGENTA

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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: $P_c = 328,12 \text{ Kw}$

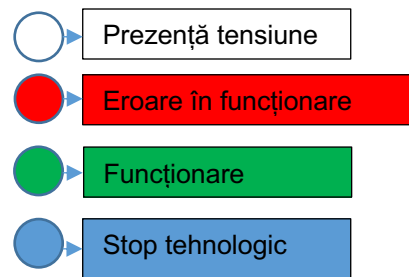
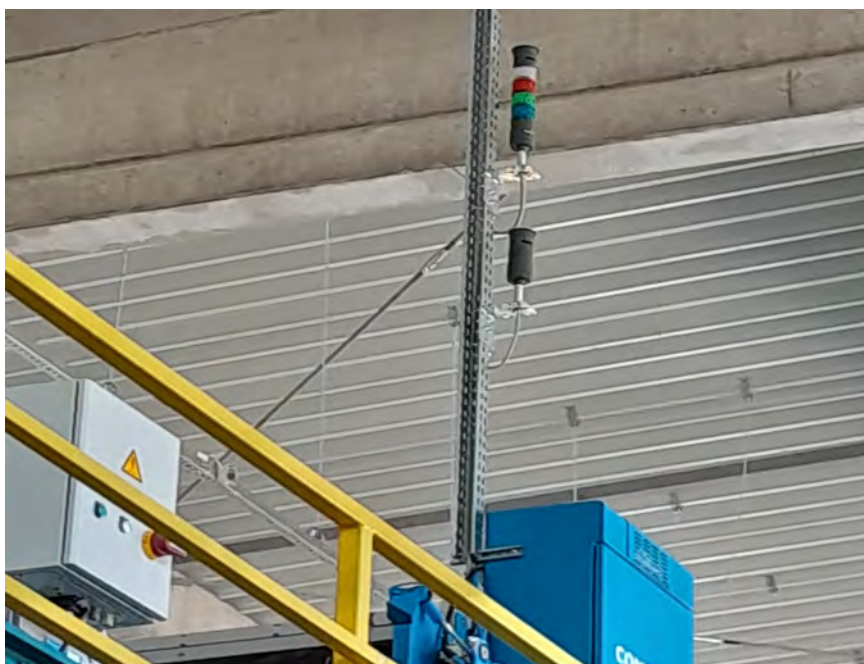
Tabloul, echipat cu circuite de forță și de comandă, conține aparatul electric de comutație, protecție, comandă, semnalizare pentru funcționarea consumatorilor în condiții de siguranță.

Toate circuitele de forță pentru motoare sunt prevăzute cu protecție la curent de scurtcircuit și cu protecție la curent de suprasarcină, realizate cu întreruptoare 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

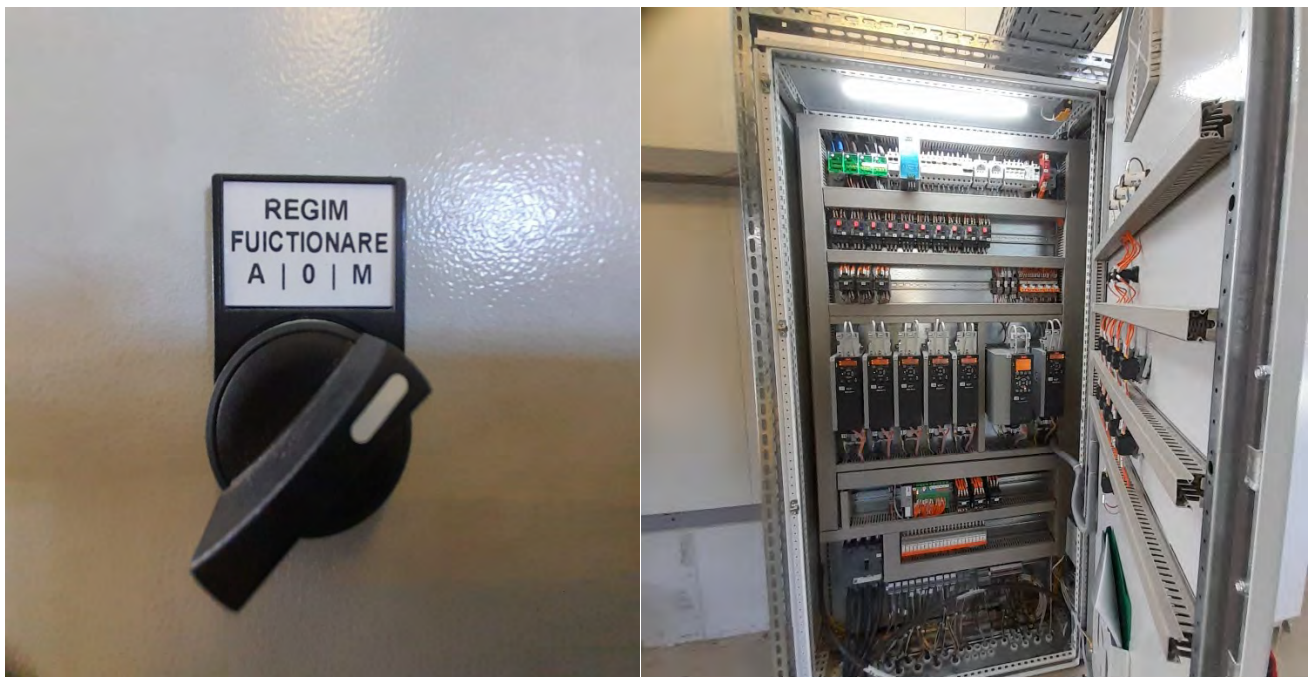


Pentru operarea liniei se verifică vizual dacă semnalizările de prezenta tensiune sunt aprinse, dacă nu, se comută întrerupătorul principal în poziția ON.

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-0-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;nj;Cosfi)	Mod de comanda	Typ CV	Motor	Cablu	Cablu	Lungime cablu(m)	Lungime cablu(m)	Lungime cablu(m)
1	B-D1 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
	MS-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
2YSL(ST)CYK_J	4G2,5
2YSL(ST)CYK_J	4G6
Pat cablu 200*60	
Pat cablu 50*60	

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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 aerului_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 aerului_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 aerului_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 aerului_Compresor limpezeza 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 aerului_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 Banda 1 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		Direct		-	H07RN_F	4G16	0	0	70	0
	Cabina sortare C1_4 POSTURI	9		Direct		-	H07RN_F	4G16	0	0	40	0
	TOTAL KW	90,44							1020	50	160	256

Material 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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Tabloul 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	

Tabloul 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	D57-3425X012N0-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	D57-3425X012N0-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		

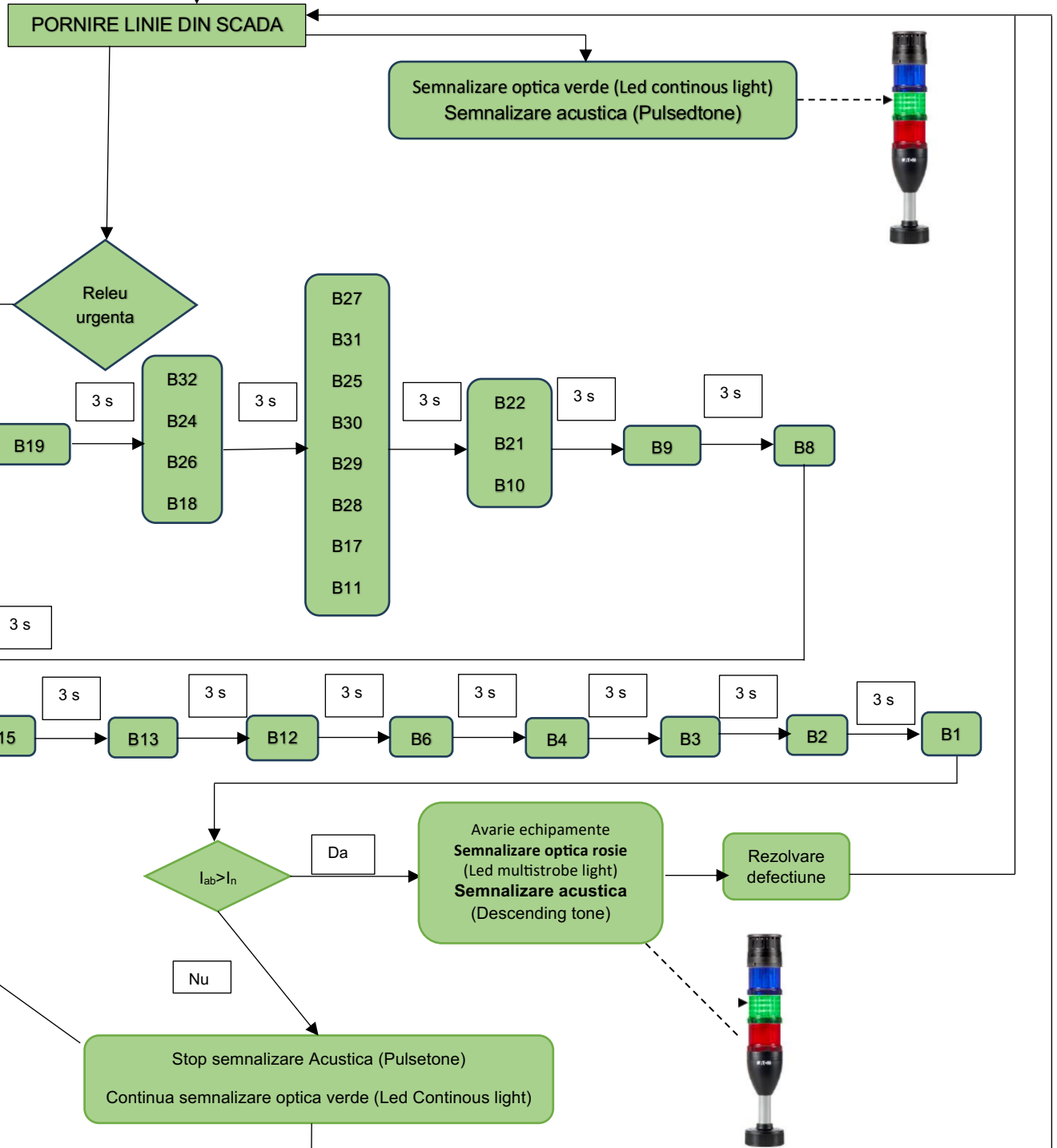
Tabloul Electric 6 (Benzi Buncar)											
Nr. Crt.	Nume	Pi(KW)	Motor: (Pn;Un;In;Cosfi)	Mod de comanda	Typ CV	Motor	Cablu	Cablu	Lungime cablu(m)	Lungime cablu(m)	Lungime cablu(m)
33	B-33 Banda buncar carton - Alveola	5,5	Pn=5,5 KW; Un=400 V; In= 11 A; Cosfi=	C.F.	FC 302	M1	2YSL(ST)CYK-J	4G4	54	54	47
34	B-34 Banda buncar hartie - 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 buncar 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 buncar 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 buncar 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 buncar 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 buncar 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 buncar 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 buncar 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 buncar 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

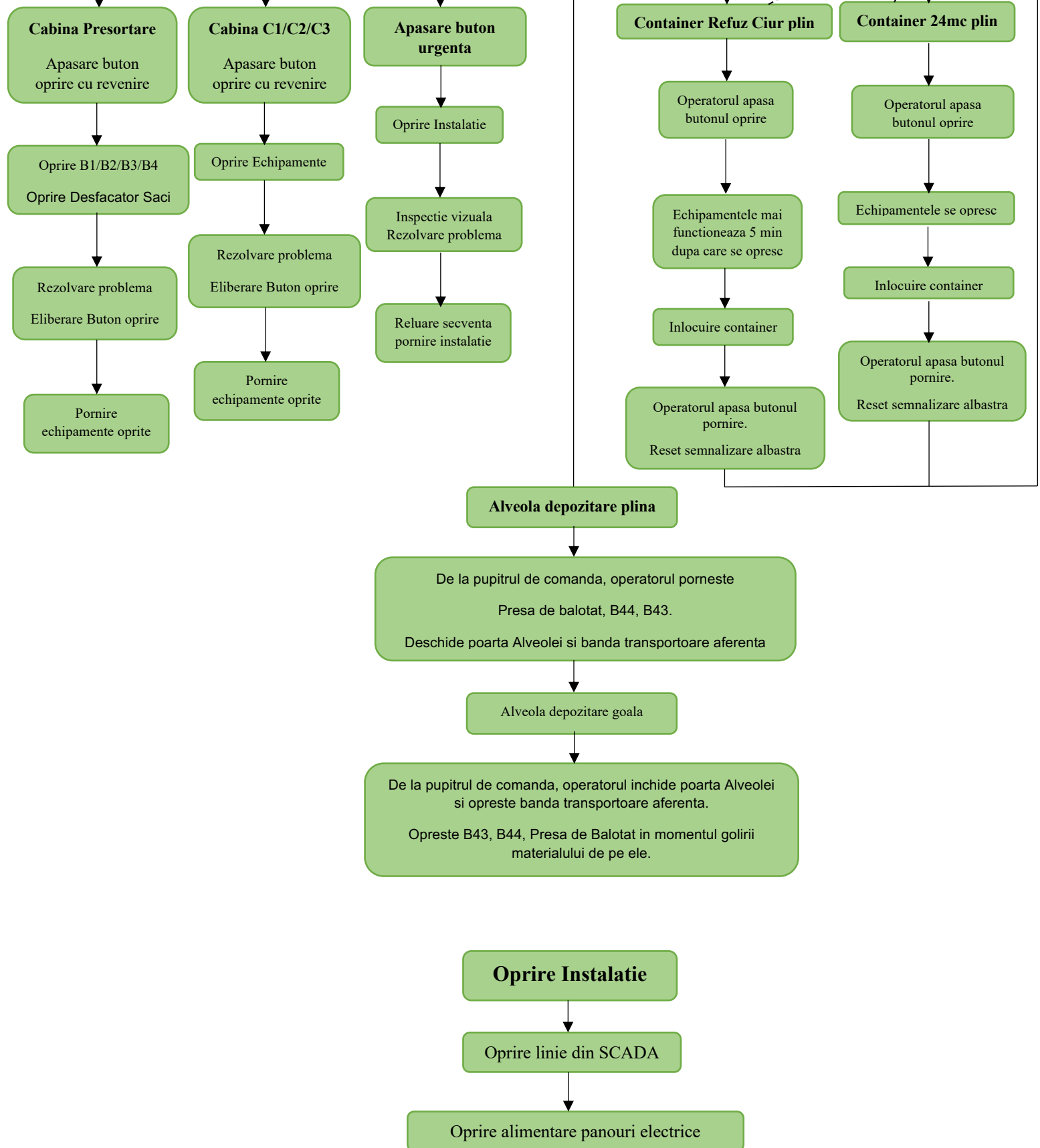
Materiale	Cablu	L (m)	L (m)
2YSL(ST)CYK-J	4G4	561	
H07RN_F	4G1,5		1054
Pat cablu 200*60		66	
Pat cablu 50*60		30	
Consola 210		45	
Consola 120		20	

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**ALIMENTARE
ELECTRICA TABLOURI
SELECTOR PE
AUTOMAT**

1. Logigrama





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 câte **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

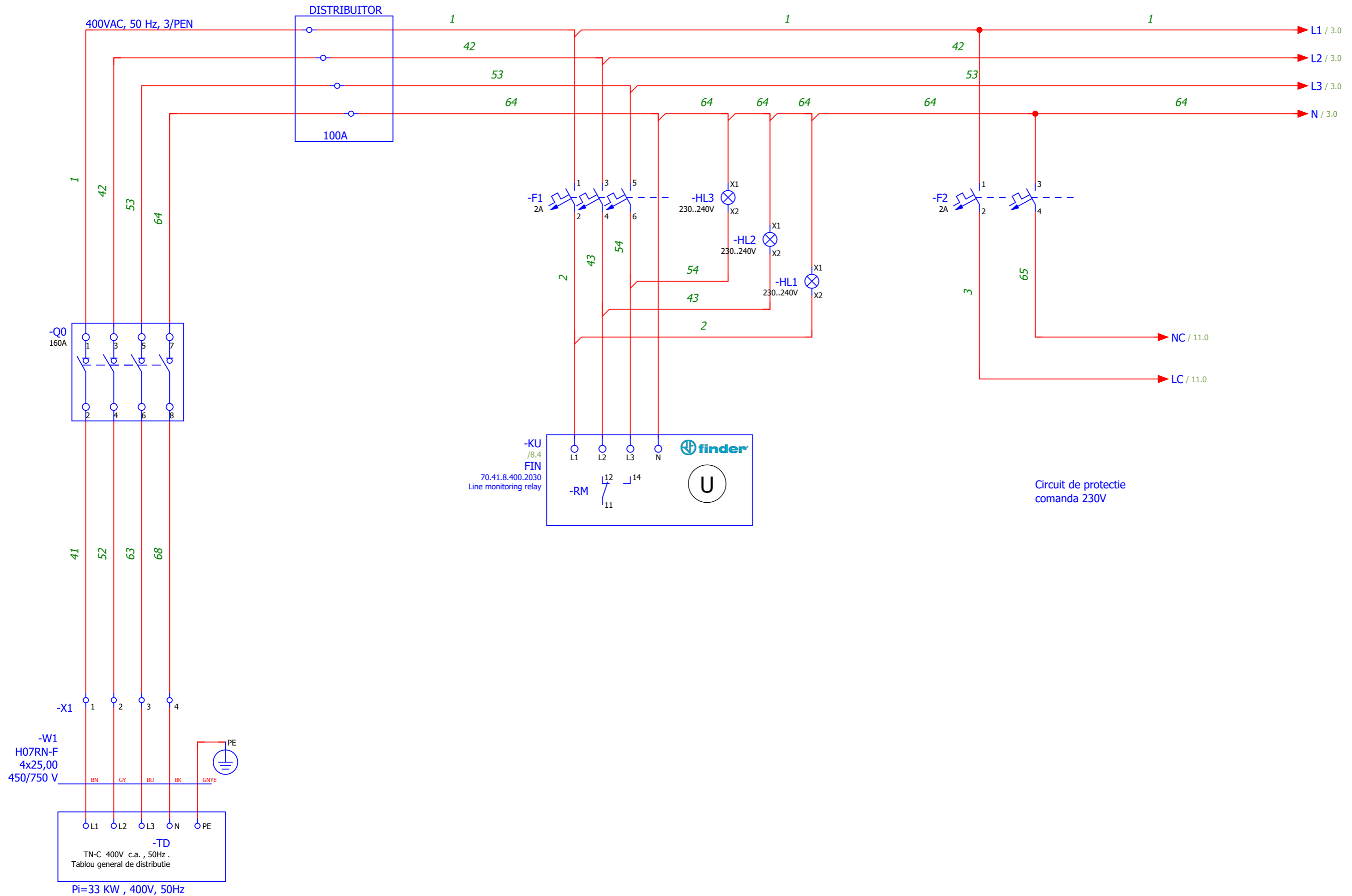
Part feature

Created on 27/02/2023

Edit date 15/03/2023 by (short name) Nelu

Number of pages 23

			Date	26/06/2017	EPLAN	SC TEHNIMARKET SRL	Title page	= CA1		
			Ed	EPL				+ EAA		
			Appr		TE_1_Desfacator de saci					
Modification	Date	Name	Original		Replacement of	Replaced by			Nr. 304 / 02.03.2023	Page 1 / 23



-KU
/8.4
FIN
70.41.8.400.2030
Line monitoring relay

-RM 12 14 11

finder

U

Circuit de protectie comanda 230V

-W1
H07RN-F
4x25,00
450/750 V

BN GY BU BK GNYE

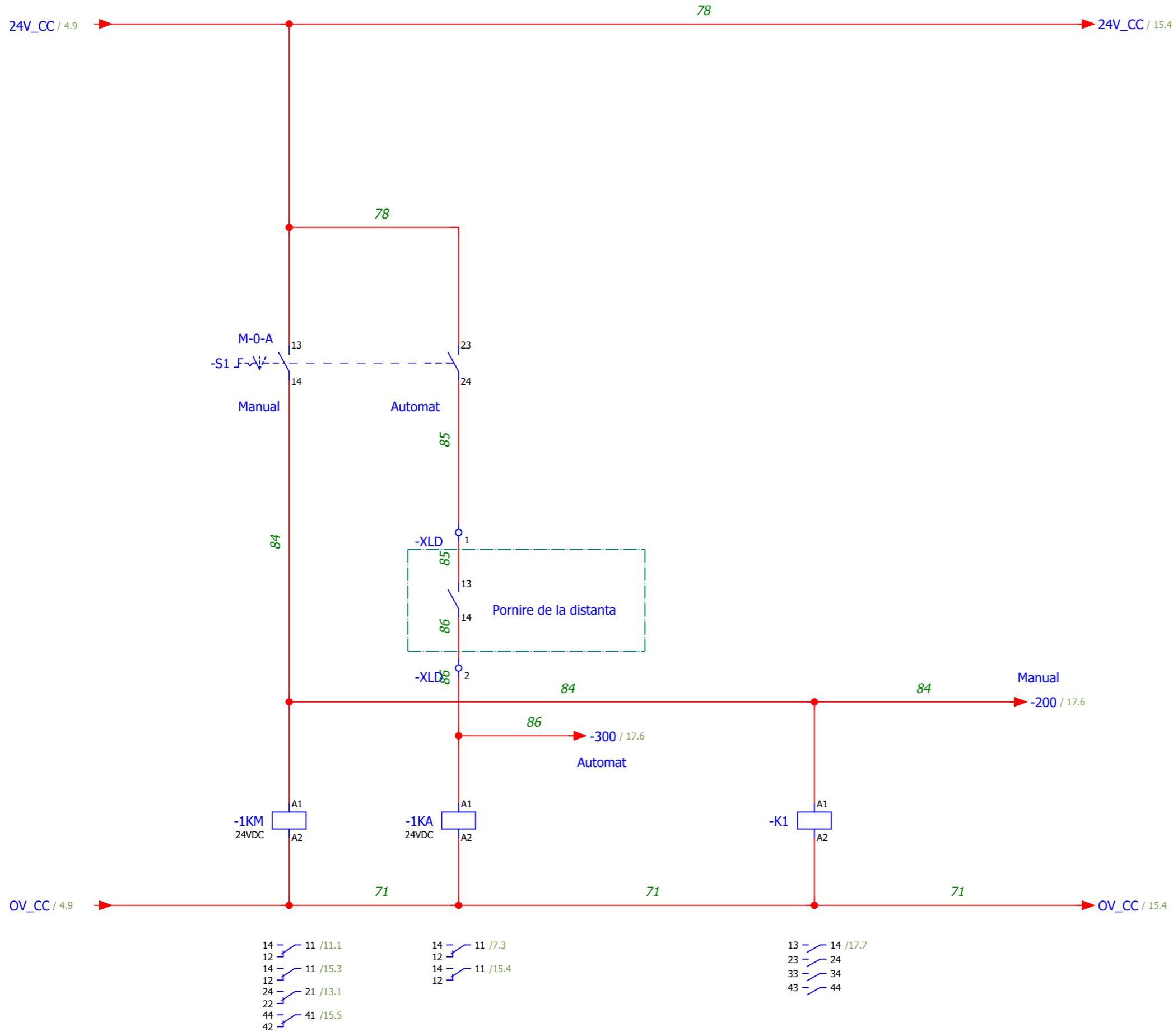
PE

-TD
TN-C 400V c.a., 50Hz.
Tablou general de distributie

L1 L2 L3 N PE

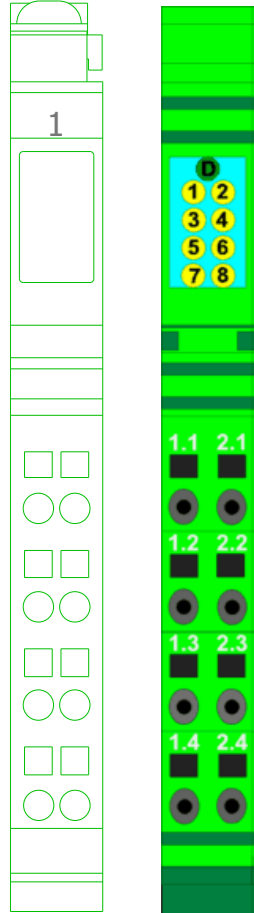
Pi=33 KW, 400V, 50Hz

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		Appr		Replacement of				Nr. 304 / 02.03.2023		Page 2
Modification	Date	Name	Original	Replaced by						Page 2 / 23



4				6			
Date	15/03/2023	EPLAN	SC TEHNIMARKET SRL	CDA_MAN_AUT	= CA1		
Ed	Nelu	TE_1_Desfacator de saci			+ EAA		
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Modification	Date	Name	Original			Page 5 / 23	

-A1

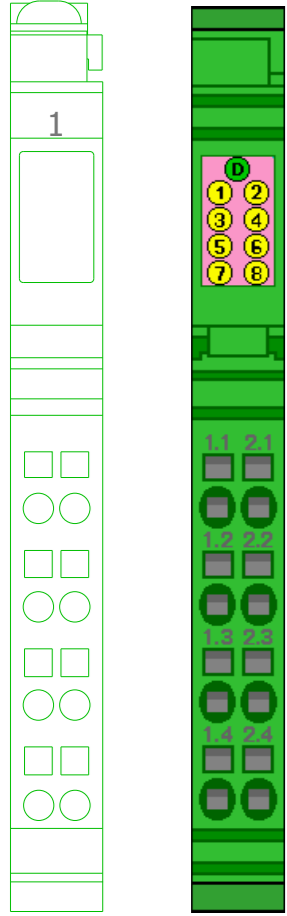


- IN1 1.1
- IN3 1.2
- IN5 1.3
- IN7 1.4
- IN2 2.1
- IN4 2.2
- IN6 2.3
- IN8 2.4

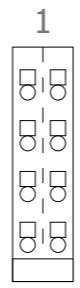
I1.0	Ready	MCB Ready	/7.4
I1.1		START/STOP	/7.5
I1.2		No Fault	/7.6
I1.3	Motor2+3	MCB Ready	/7.7
I1.4	Motor 2+3	START/STOP	/8.1
I1.5	Motor 2+3	No Fault	/8.2
I1.6		Emergency Stop	/8.3
I1.7		Prezenta tensiune	/8.4

IB IL 24 DI8/HD-PAC

-A2



IB IL 24 DO 8/HD-ECO

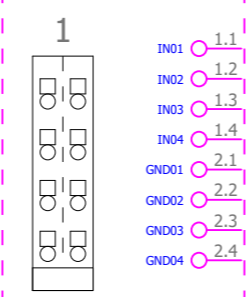
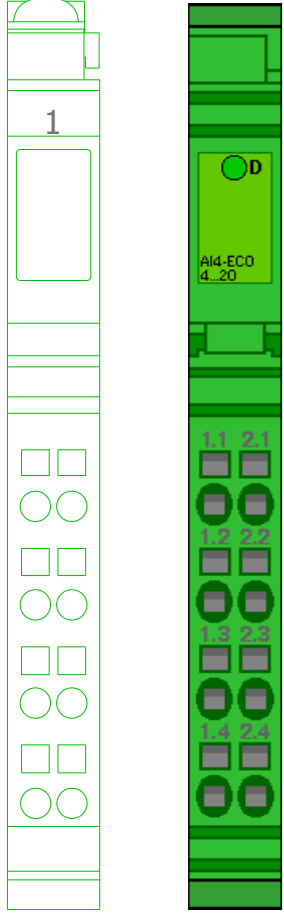


- OUT01 1.1
- OUT03 1.2
- OUT05 1.3
- OUT07 1.4
- OUT02 2.1
- OUT04 2.2
- OUT06 2.3
- OUT08 2.4

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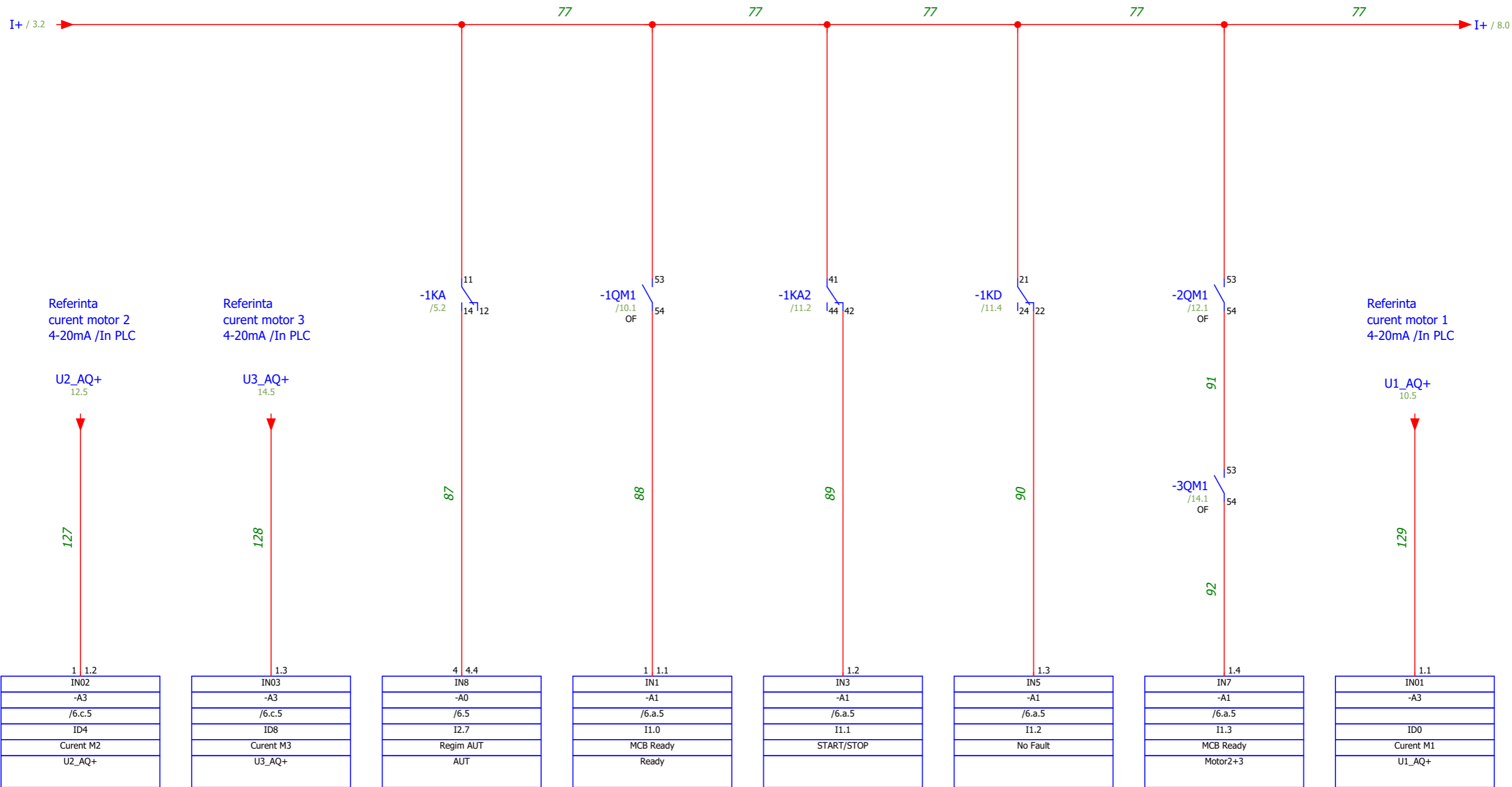
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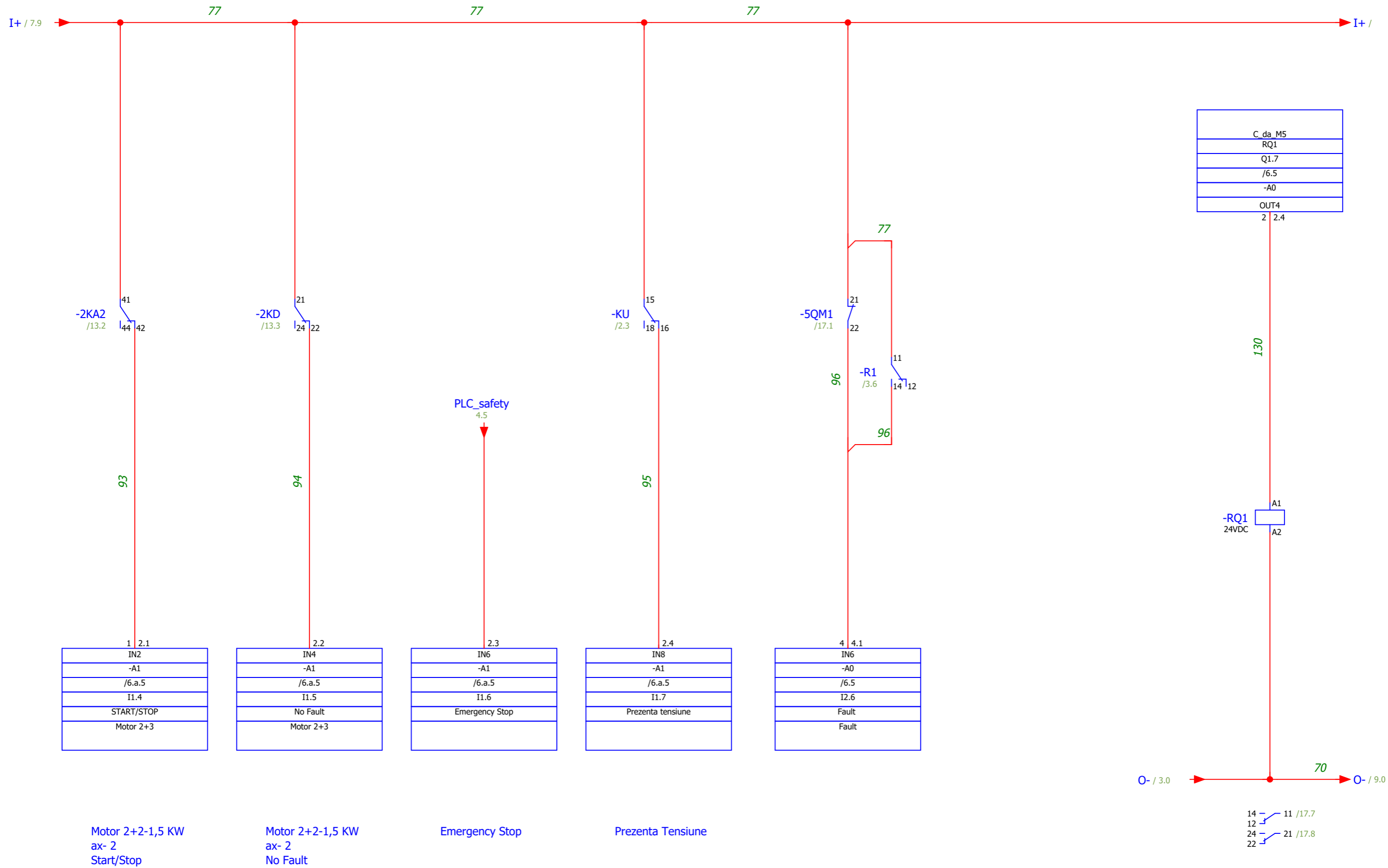
- IN01 1.1
- IN02 1.2
- IN03 1.3
- IN04 1.4
- GND01 2.1
- GND02 2.2
- GND03 2.3
- GND04 2.4

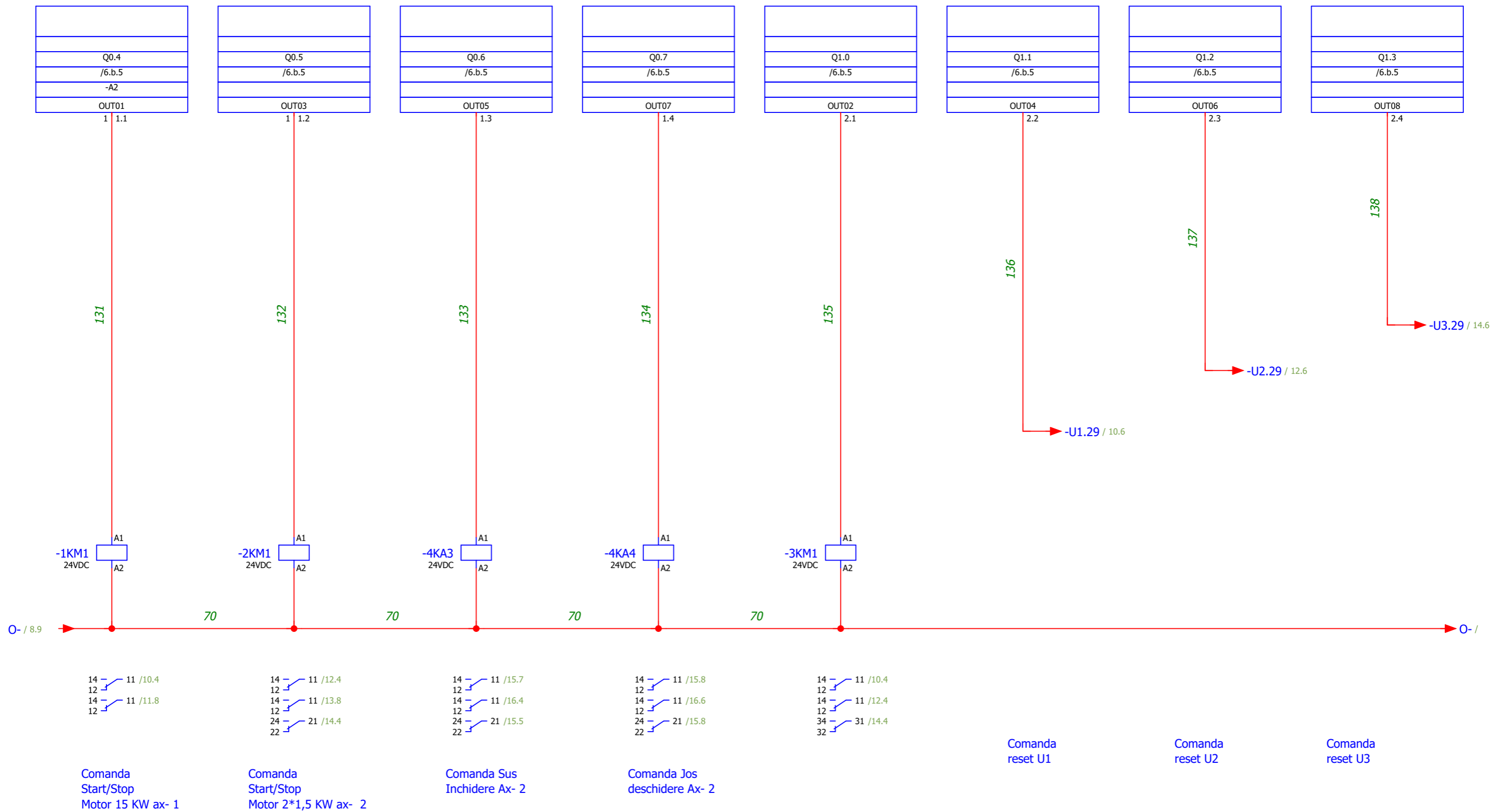
ID0				
ID4	U2_AQ+	Curent M2	/7.0	
ID8	U3_AQ+	Curent M3	/7.2	
ID12				

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

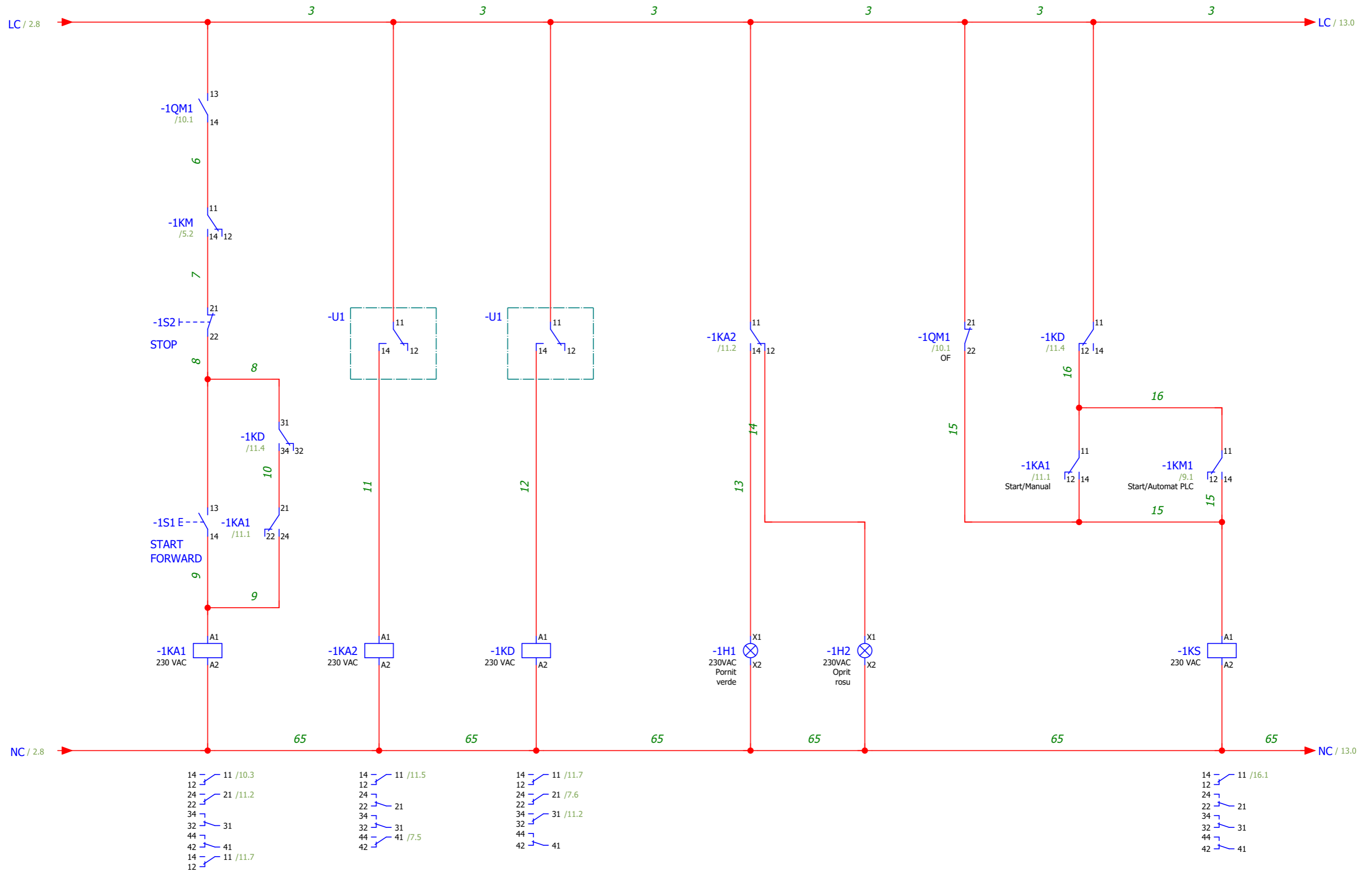


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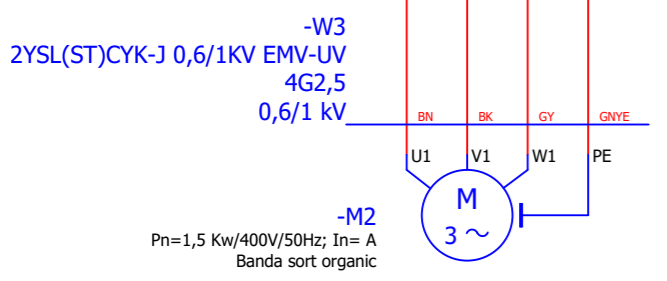
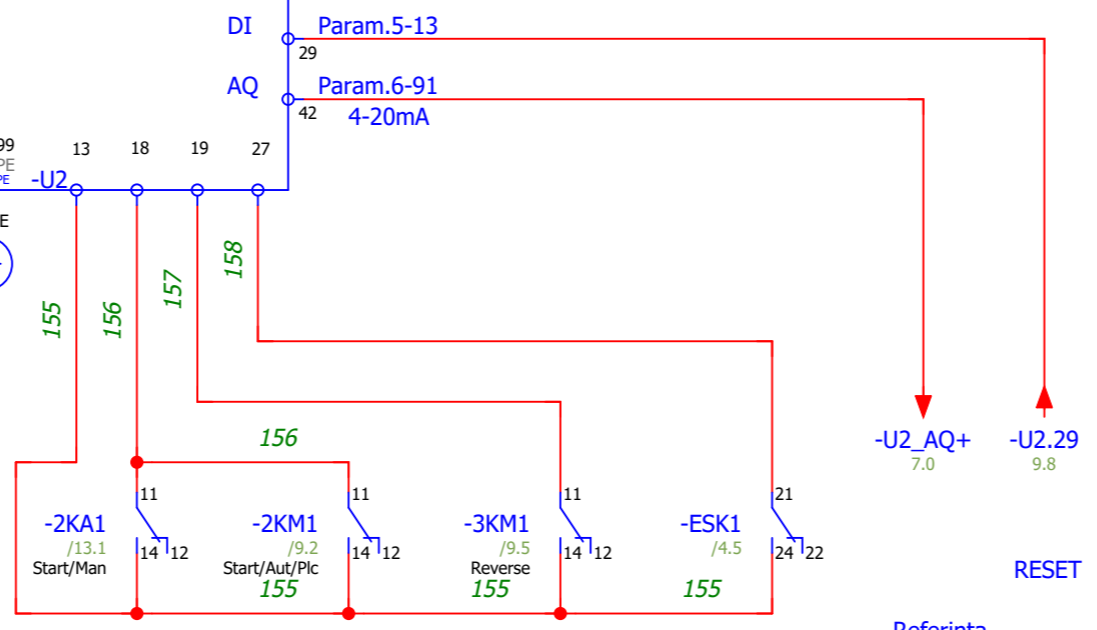
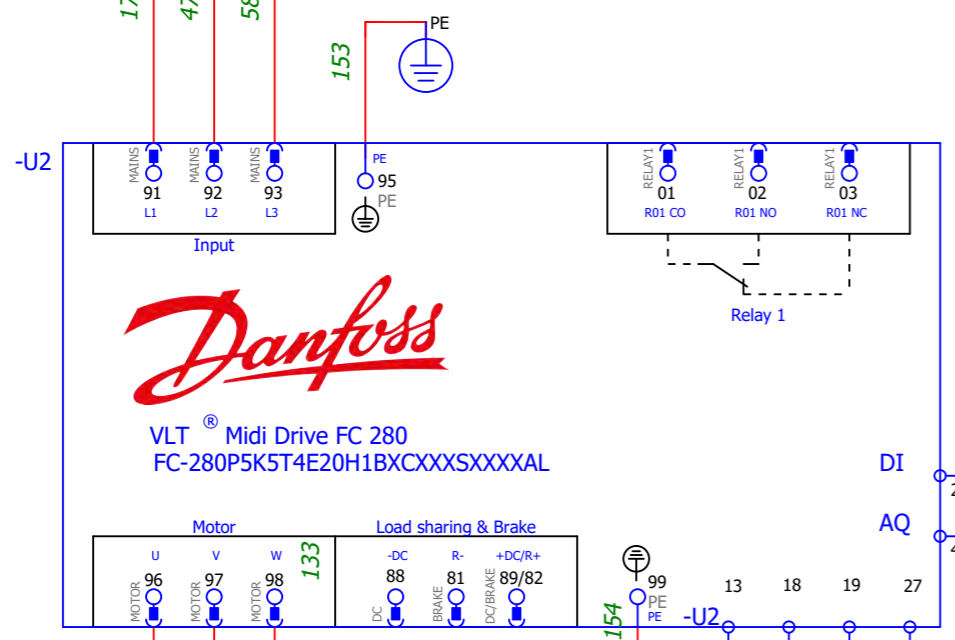
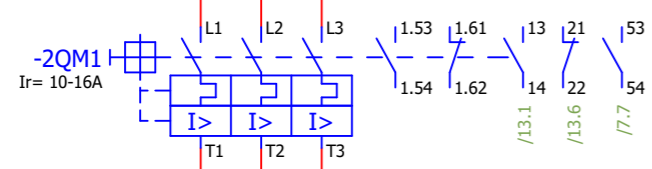
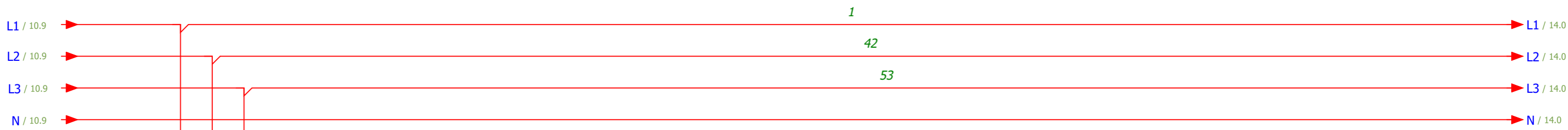




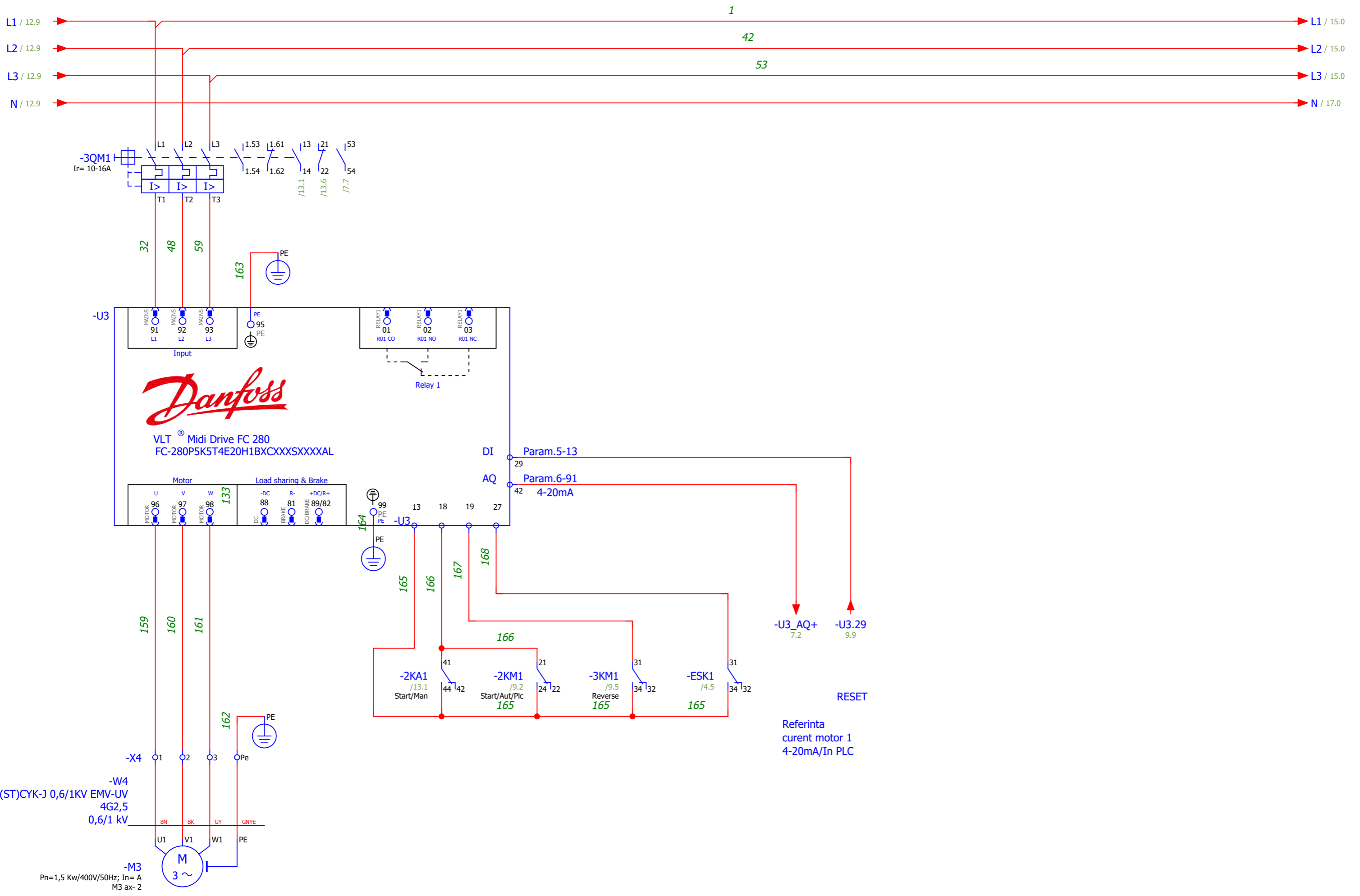
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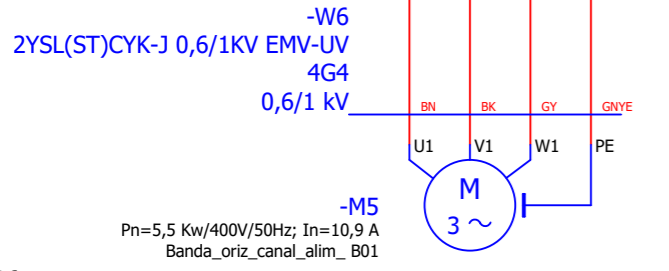
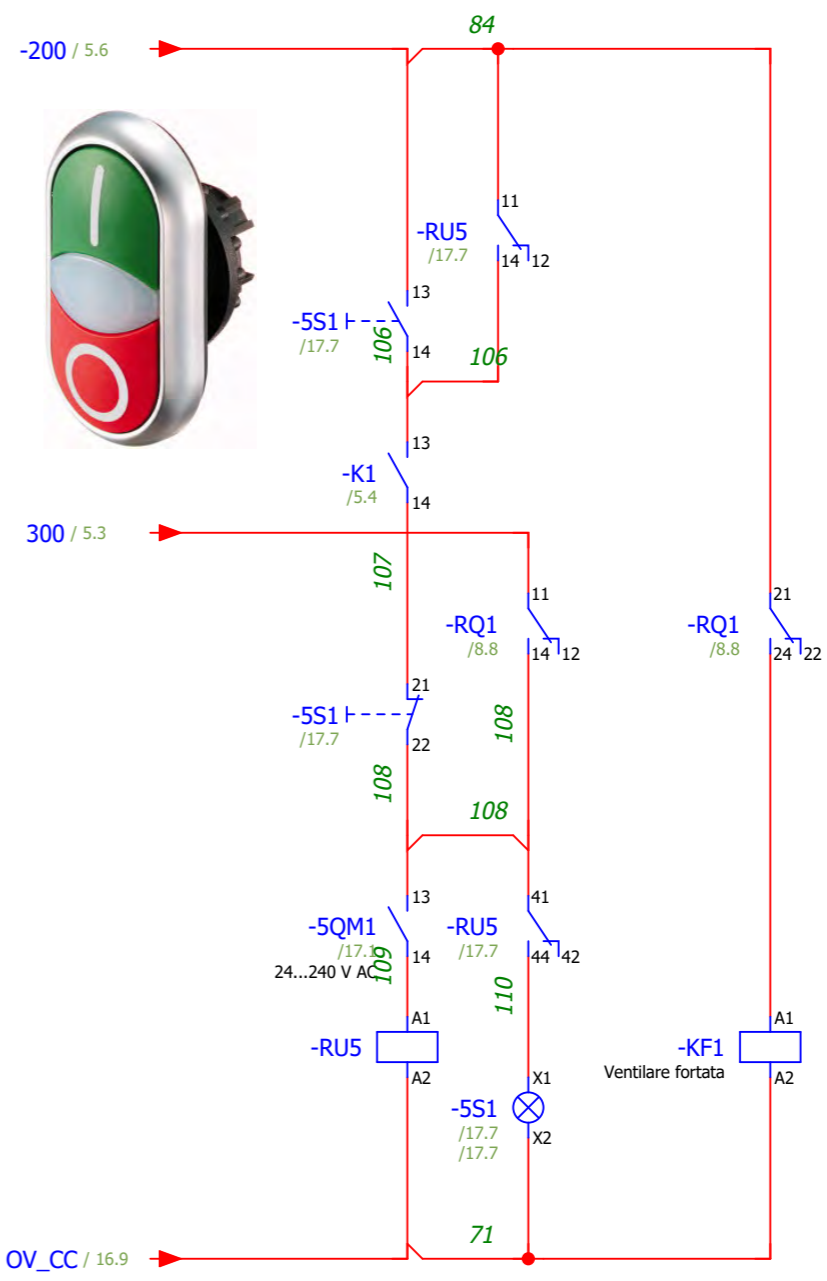
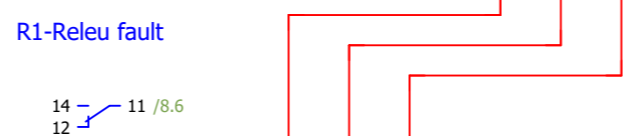
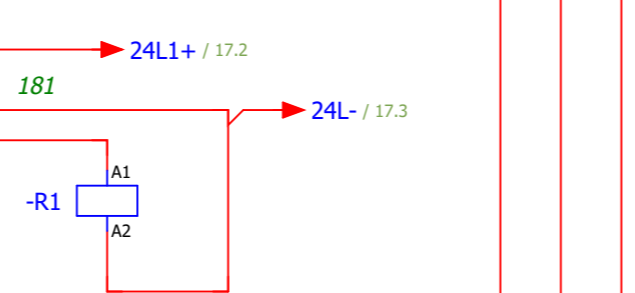
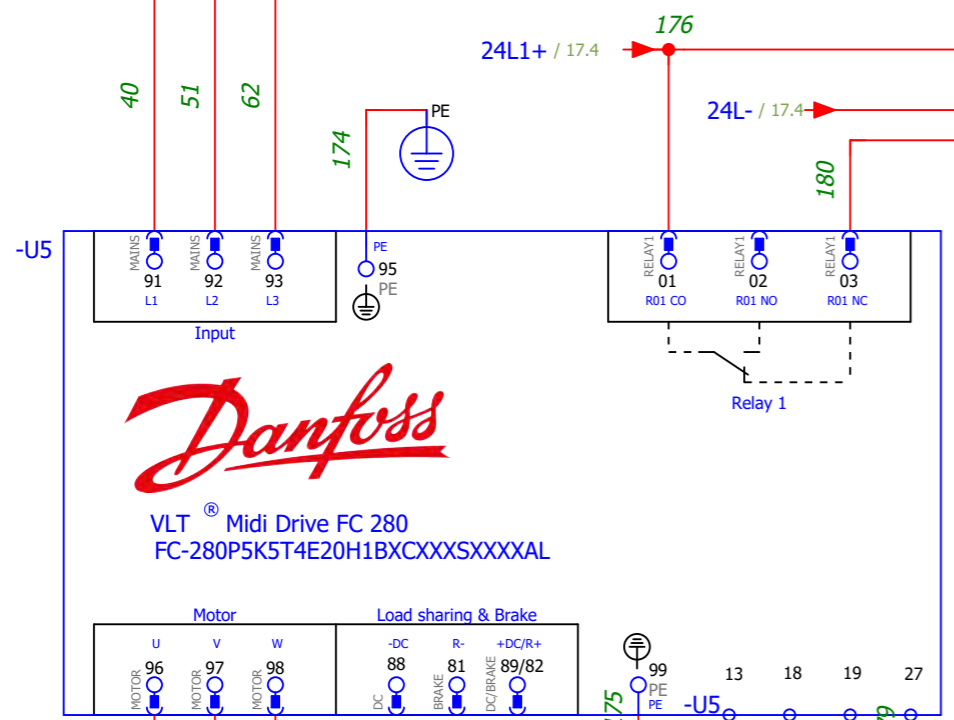
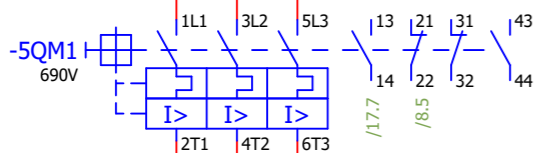
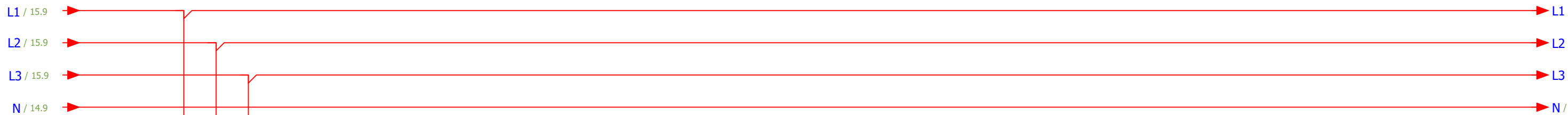
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			Appr		Replacement of				Nr. 304 / 02.03.2023	
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			Appr							
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16				18			
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Parts list

F01_001

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
-A7	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	Contact 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	55.32.8.230.0040	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	55.32.8.230.0040		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	55.32.8.230.0040		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	55.32.8.230.0040		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

Date	05/03/2023	EPLAN	SC TEHNIMARKET SRL	Parts list : - PXC.2903308	= CA1
Ed	Nelu	TE_1_Desficator de saci			+ EAA
Appr		Replacement of	Replaced by		
Modification	Date	Name	Original		
				Nr. 304 / 02.03.2023	Page 18
					Page 21 / 23

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				

Date	05/03/2023	EPLAN	SC TEHNIMARKET SRL	Parts list : PXC.2903308 -	= CA1
Ed	Nelu	TE_1_Desficator de saci			+ EAA
Appr		Replacement of	Replaced by		Nr. 304 / 02.03.2023
Modification	Date	Name	Original		Page 18.a
					Page 22 / 23

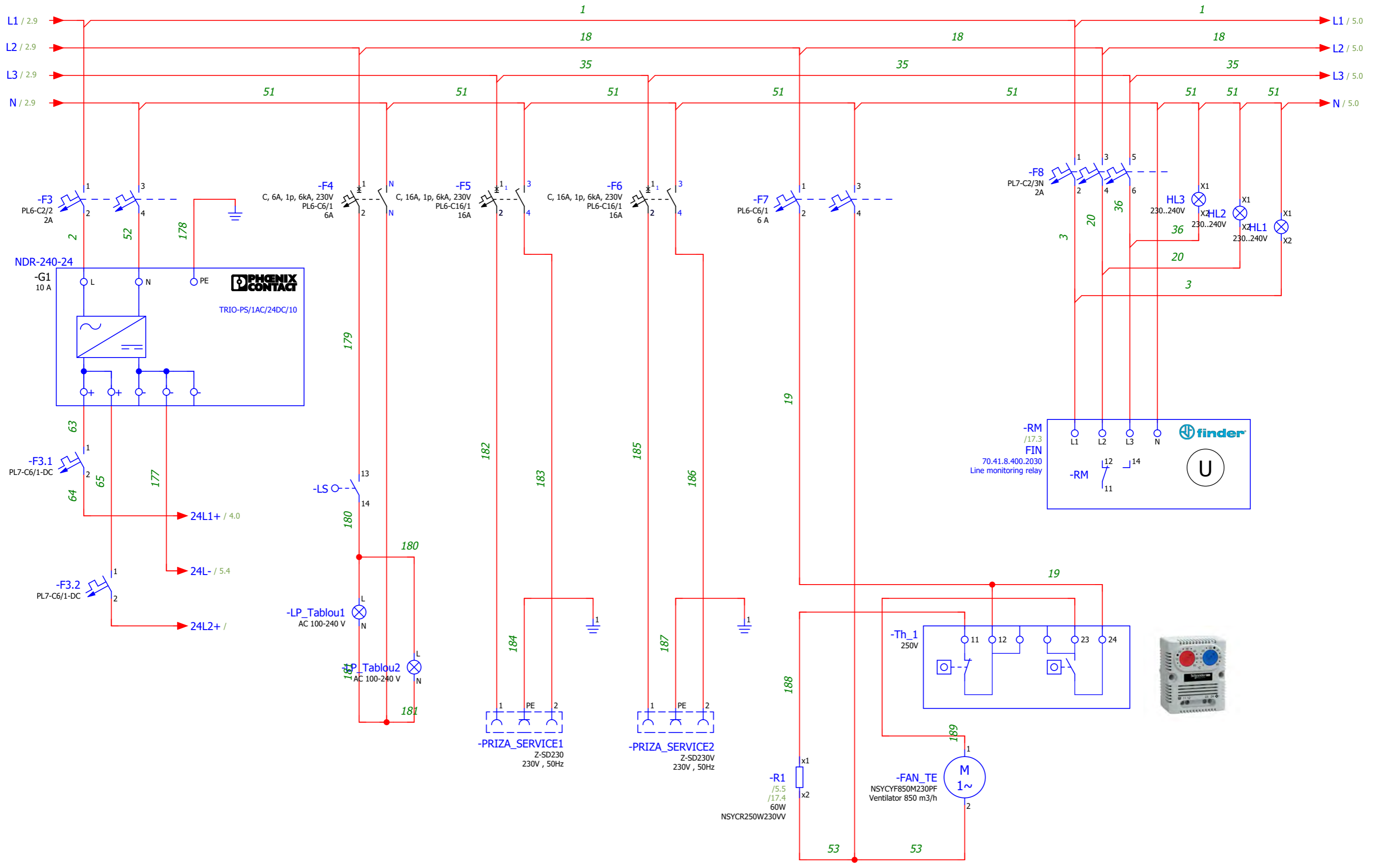


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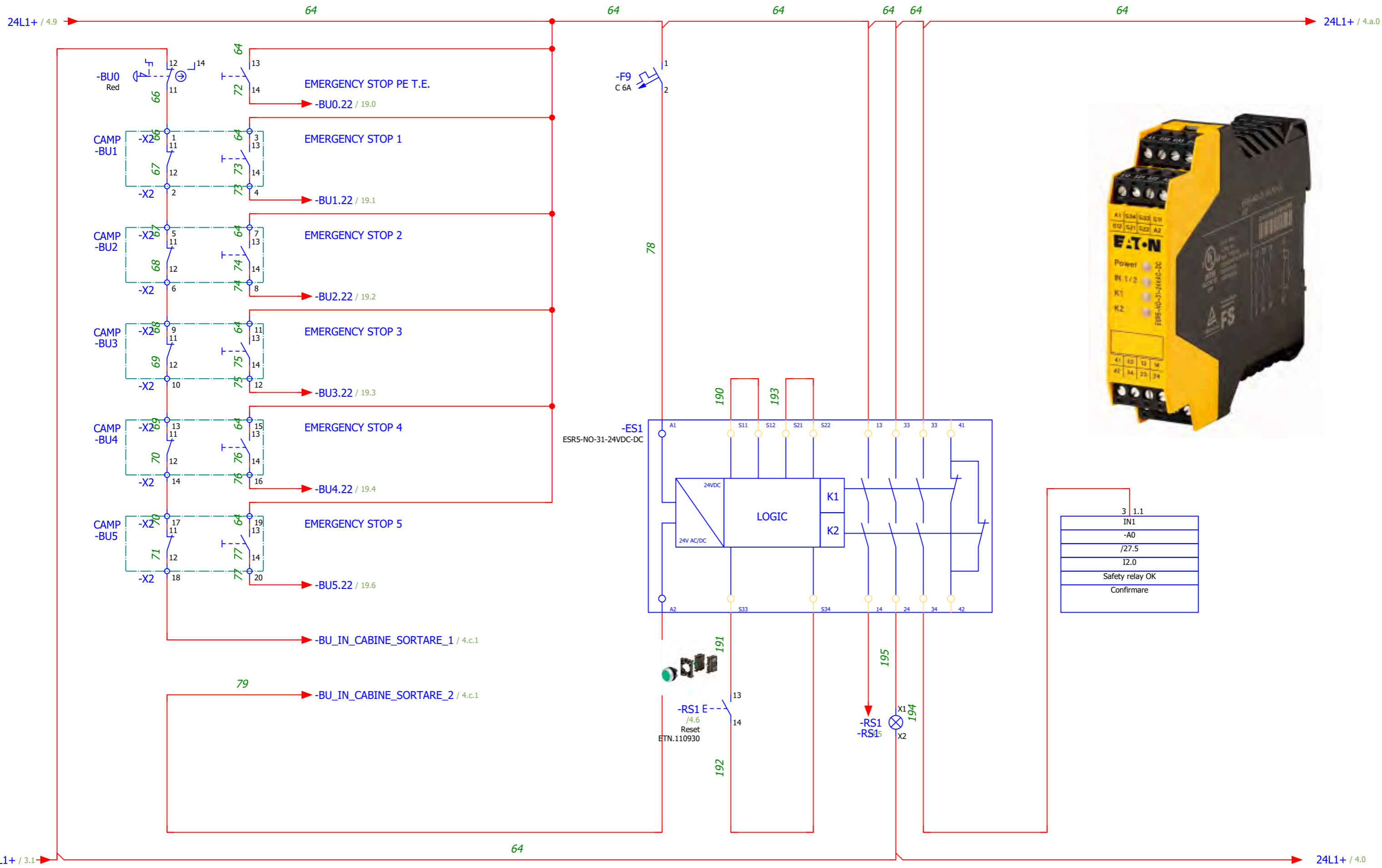
Str. Arcadie Septilici Nr. 1 C
 600234 BACAU
 Phone +49 (0)2173 - 39 64 - 0

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

			Date	26/06/2017	EPLAN	Sc TEHNIMARKET Srl.	Title page		= CA1		
			Ed	EPL					+ EAA		
			Appr		TE_Benzi alim ciur, cab presortare, sep optic						Page 1
Modification	Date	Name	Original		Replacement of	Replaced by					Page 1 / 40

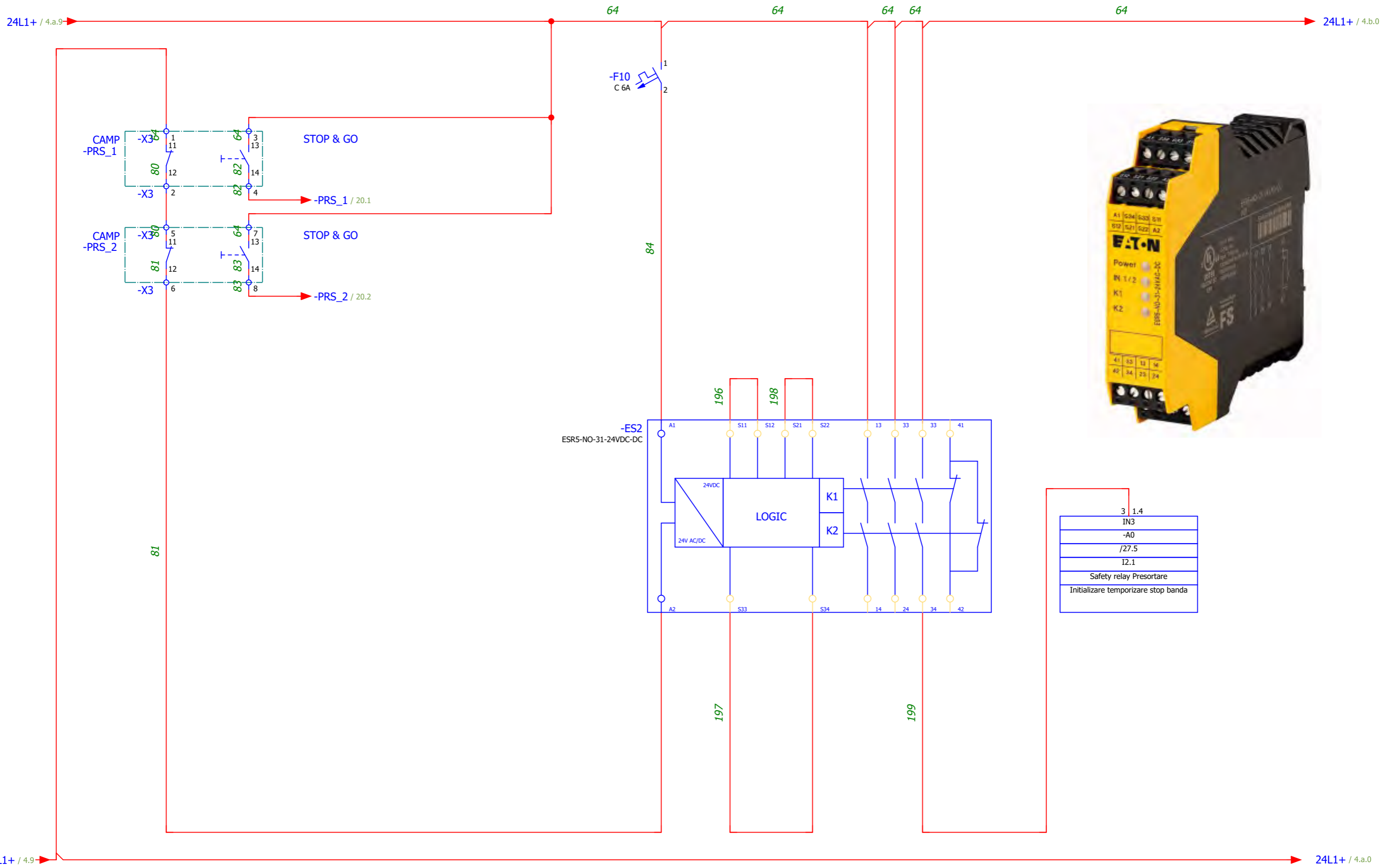


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				Appr		Replacement of		Replaced by		Page	3
Modification	Date	Name	Original							Page	3 / 40



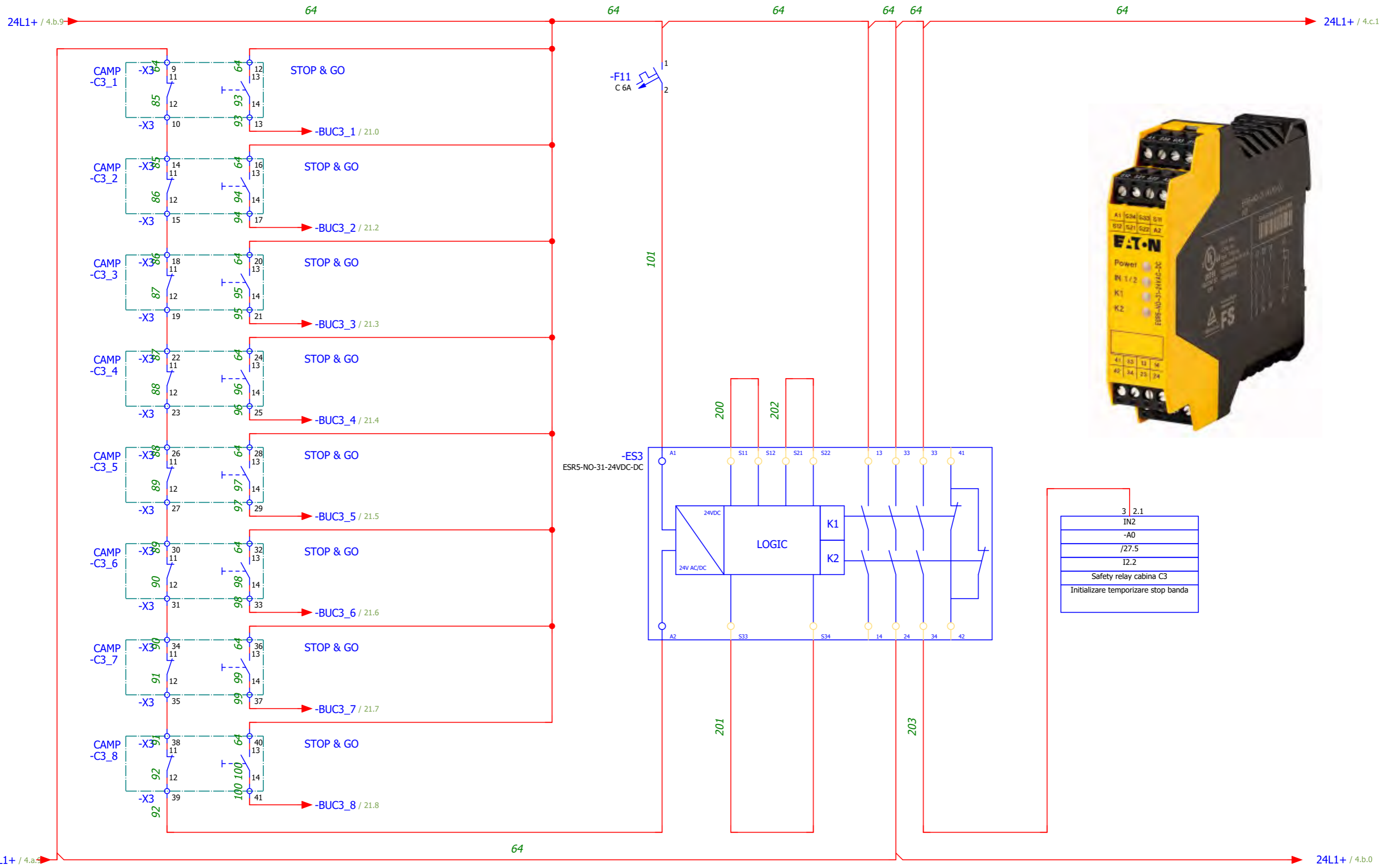
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IN1	-A0
/27.5	12.0
Safety relay OK	Confirmare

Date	03/07/2023	EPLAN	Sc TEHNIMARKET Srl.	Safety relay	= CA1
Ed	Nelu	TE_Benzi alim ciur, cab presortare, sep optic			+ EAA
Appr		Replacement of	Replaced by		Page 4
Modification	Date	Name	Original		Page 4 / 40



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

			Date	03/07/2023	EPLAN	Sc TEHNIMARKET Srl.	Safety relay		= CA1
			Ed	Nelu	TE_Benzi alim ciur, cab presortare, sep optic				+ EAA
Modification	Date	Name	Original		Replacement of	Replaced by			Page 4.a
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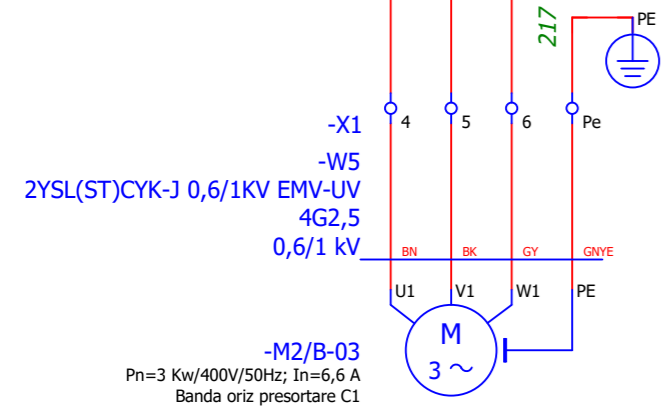
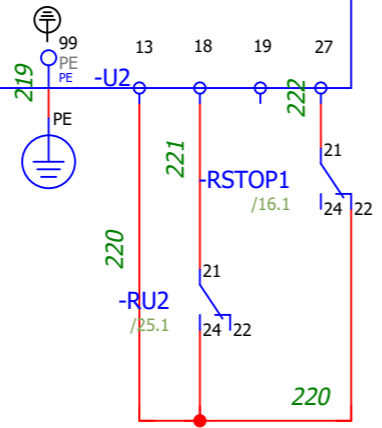
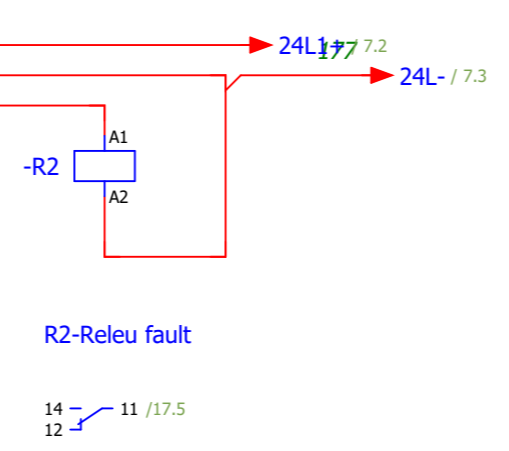
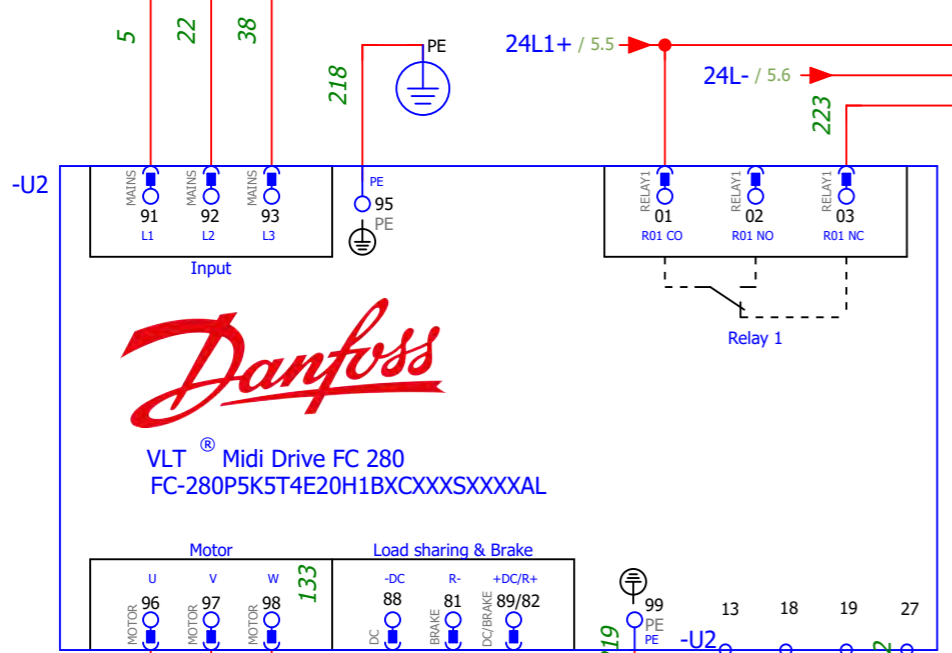
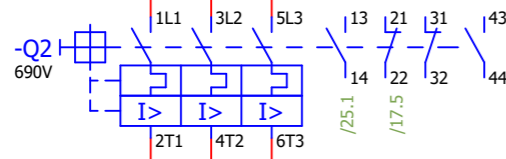
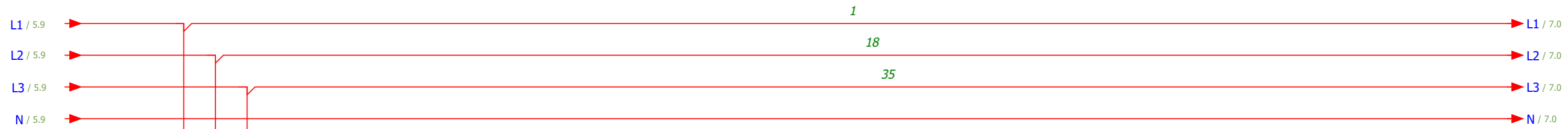


3	2.1
IN2	
-A0	
/27.5	
I2.2	
Safety relay cabina C3	
Initializare temporizare stop banda	

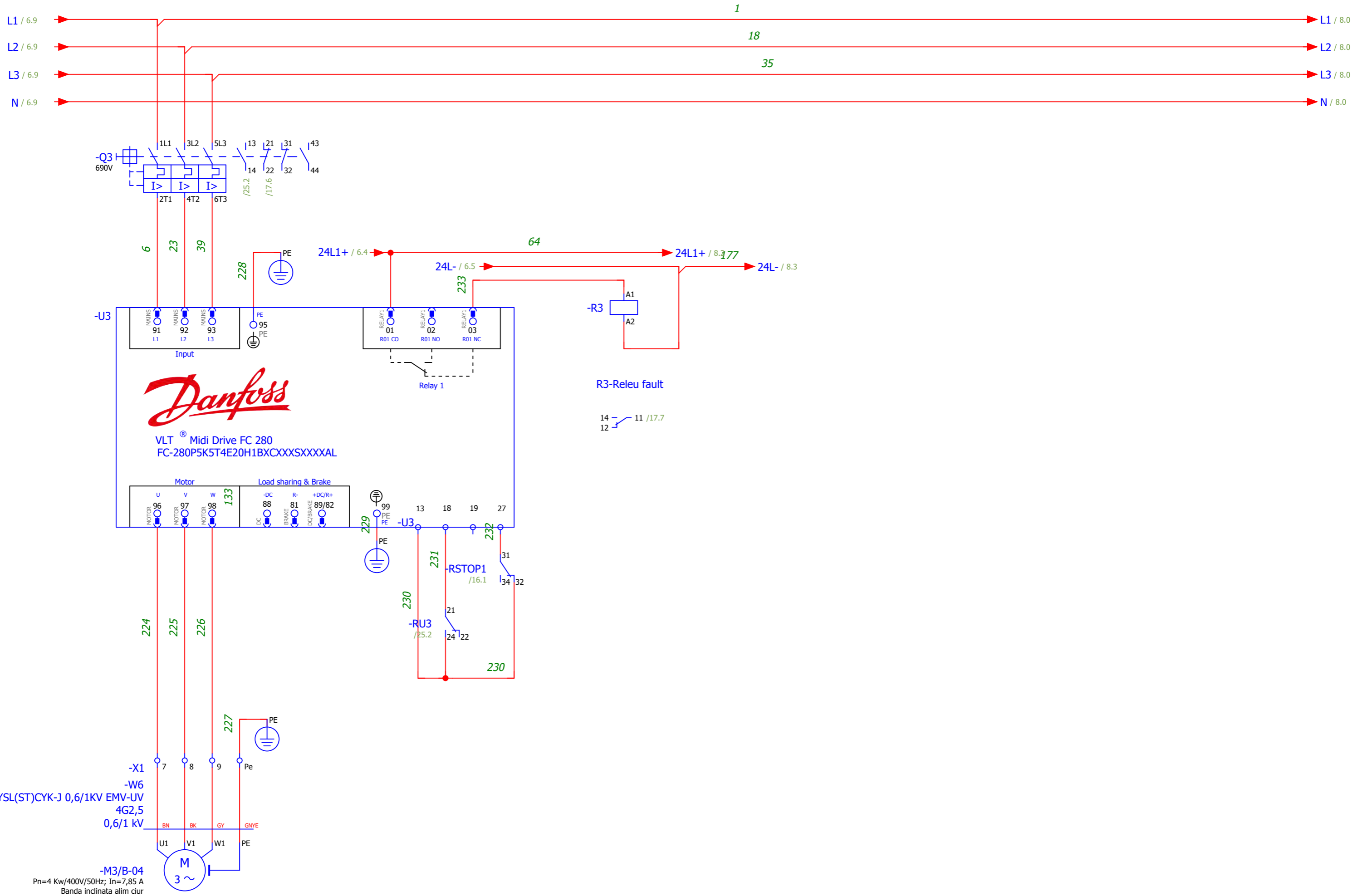
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4.c

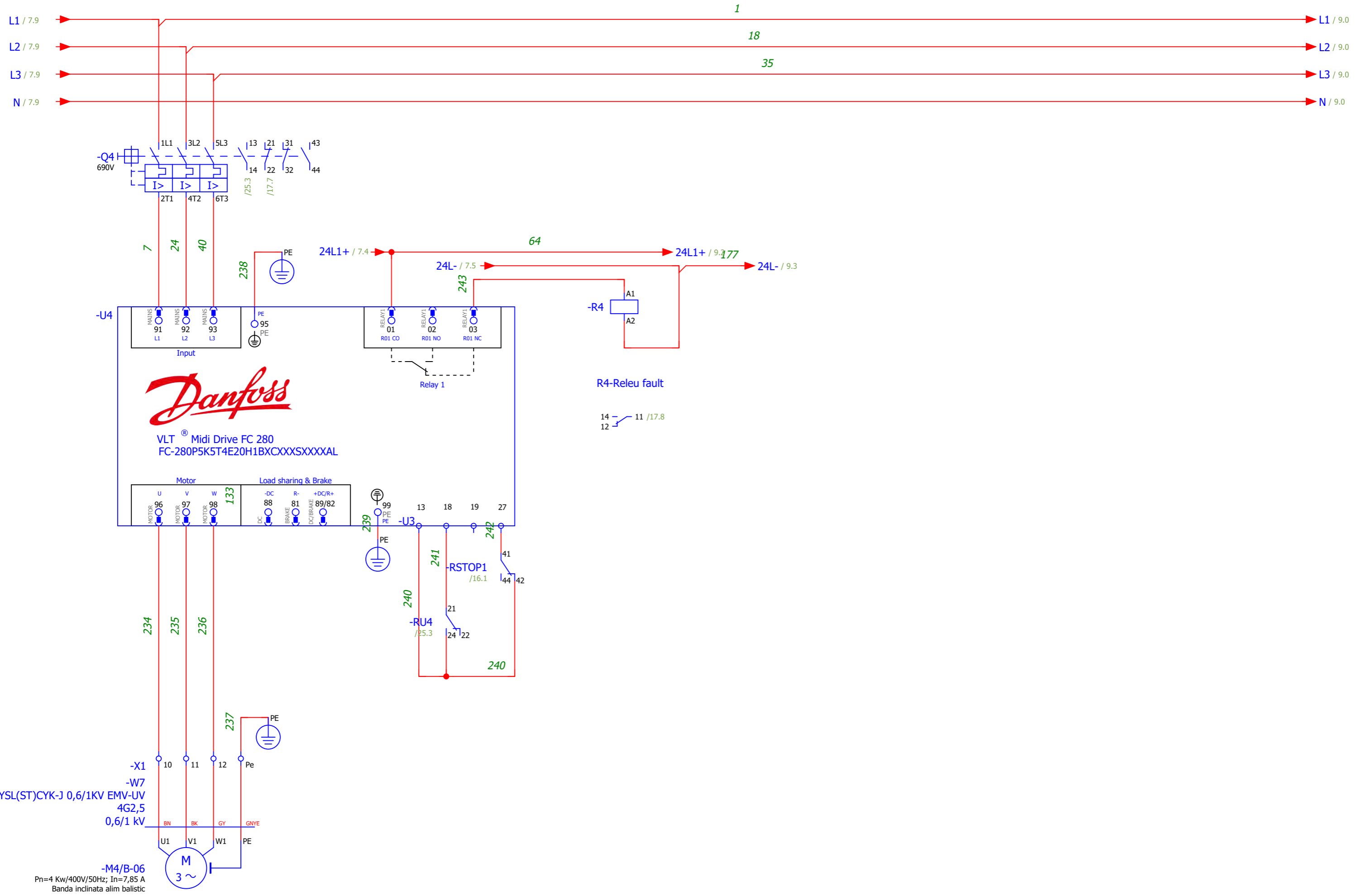
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Appr		Replacement of	Replaced by		Page 4.b
Modification	Date	Name	Original		Page 6 / 40



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



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



-X1
-W7
2YSL(ST)CYK-J 0,6/1KV EMV-UV
4G2,5
0,6/1 kV

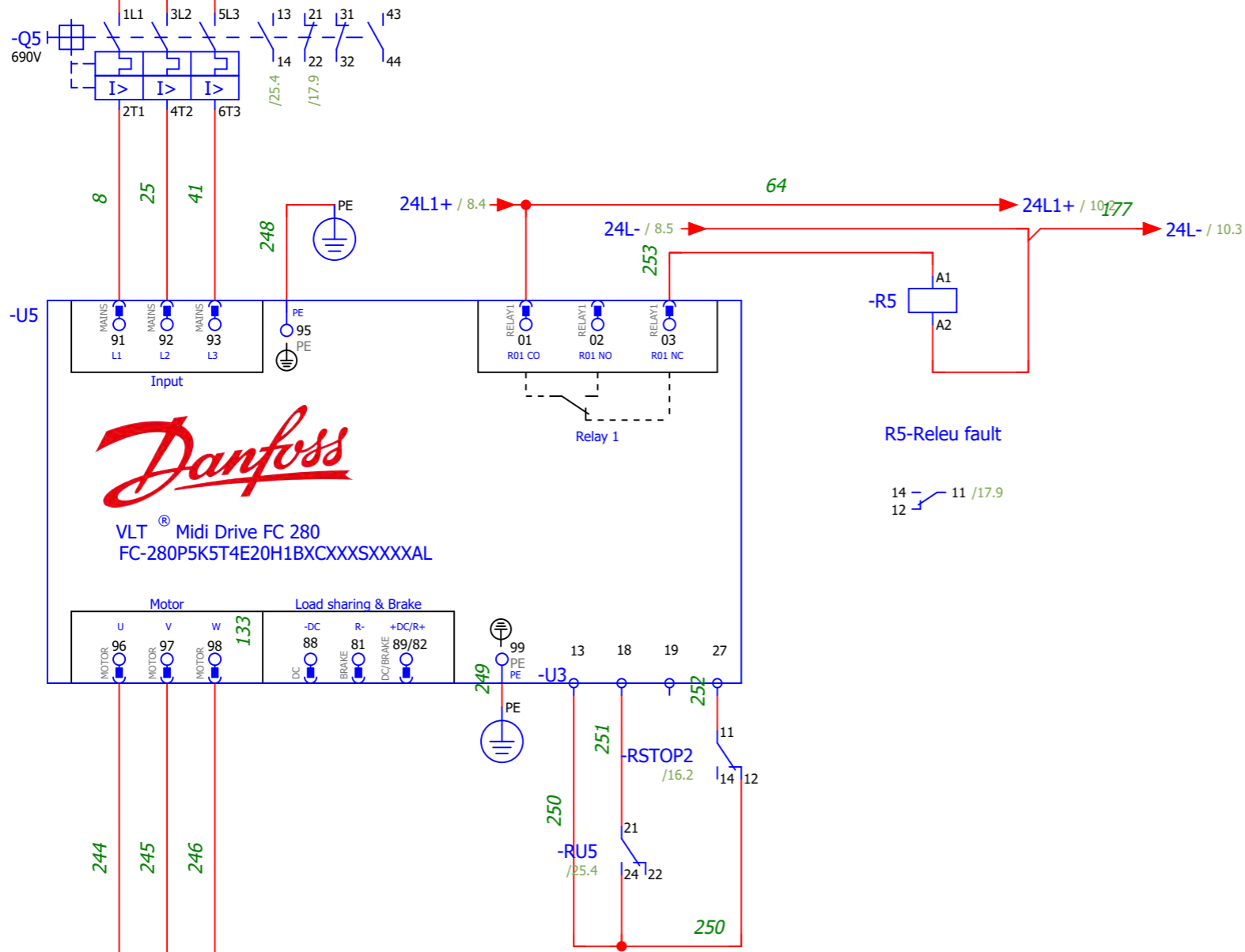
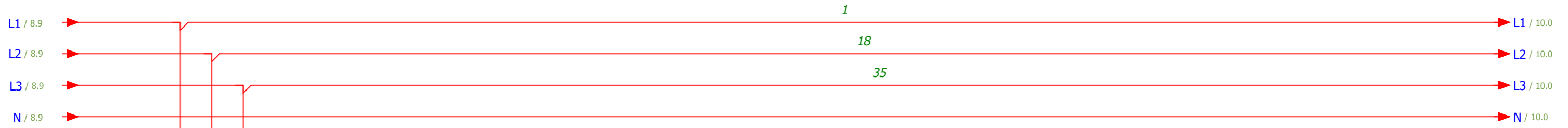
-M4/B-06
Pn=4 Kw/400V/50Hz; In=7,85 A
Banda inclinata alim ballistic

Date	28/04/2023
Ed	Nelu
Appr	

EPLAN
TE_Benzi alim ciur, cab presortare, sep optic

Sc TEHNIMARKET Srl.

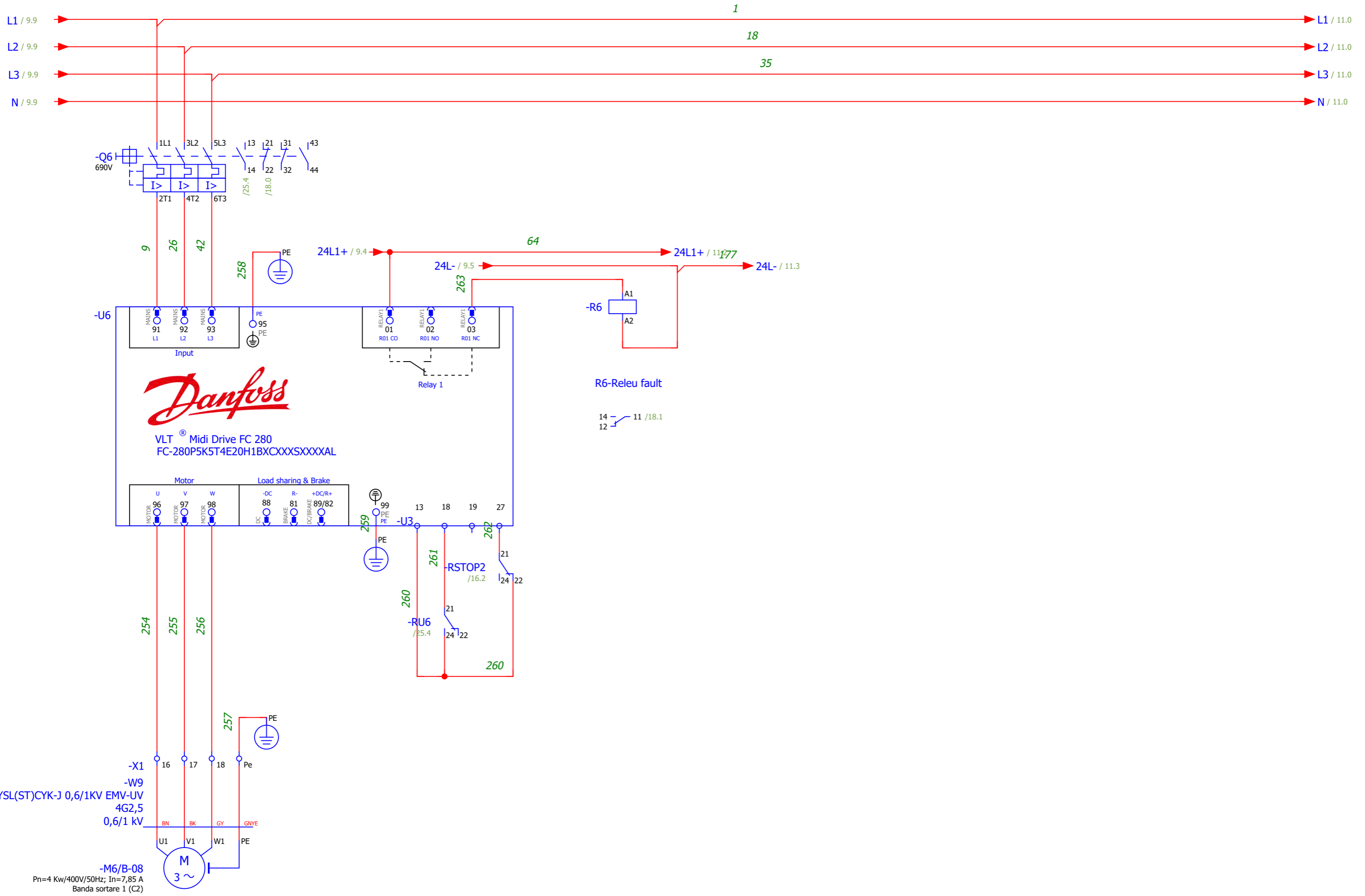
M4



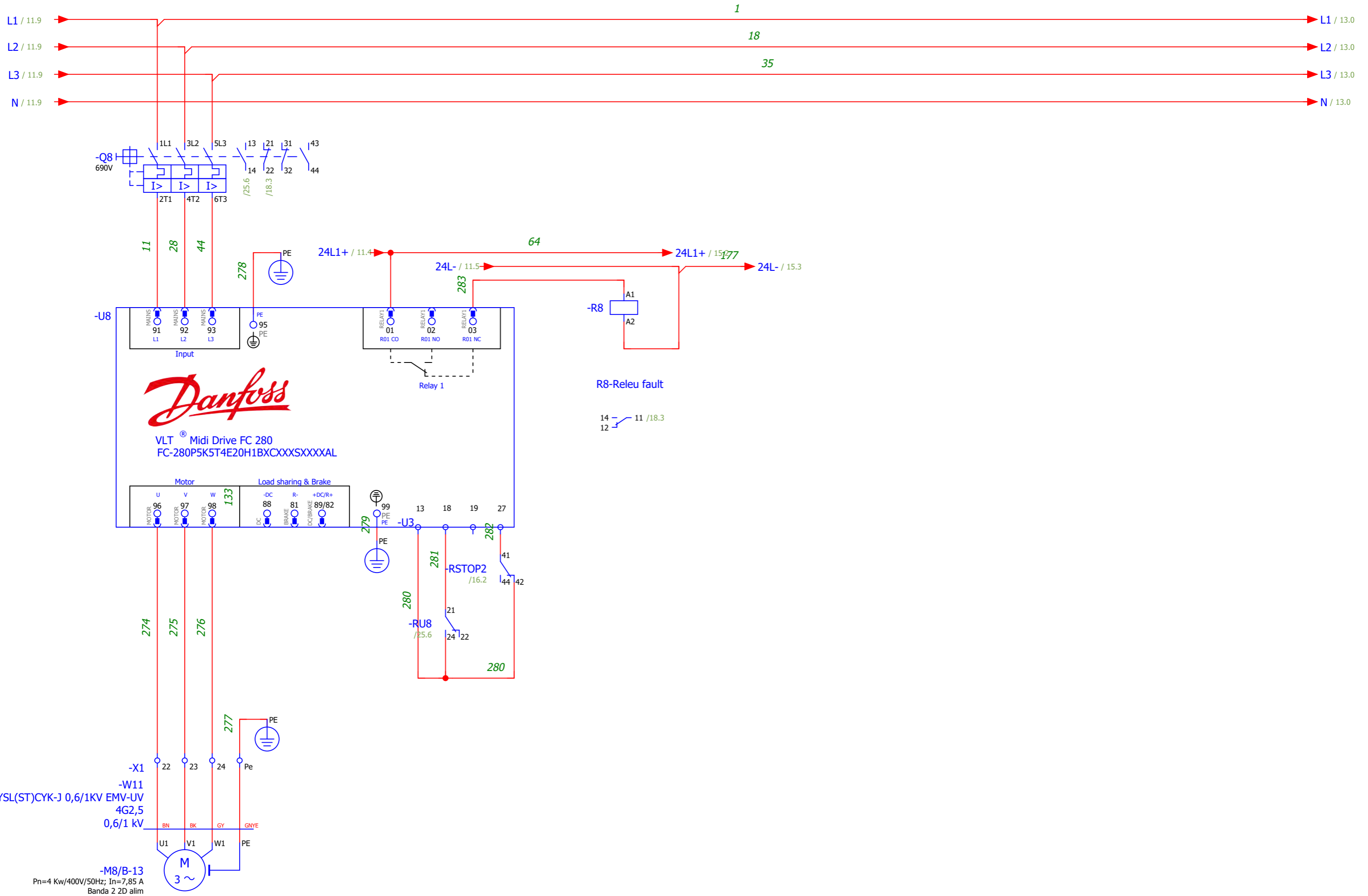
-X1 13 14 15 Pe
 -W8
 2YSL(ST)CYK-J 0,6/1KV EMV-UV
 4G2,5
 0,6/1 kV

-M5/B-07
 Pn=4 Kw/400V/50Hz; In=7,85 A
 Banda refuz ciur

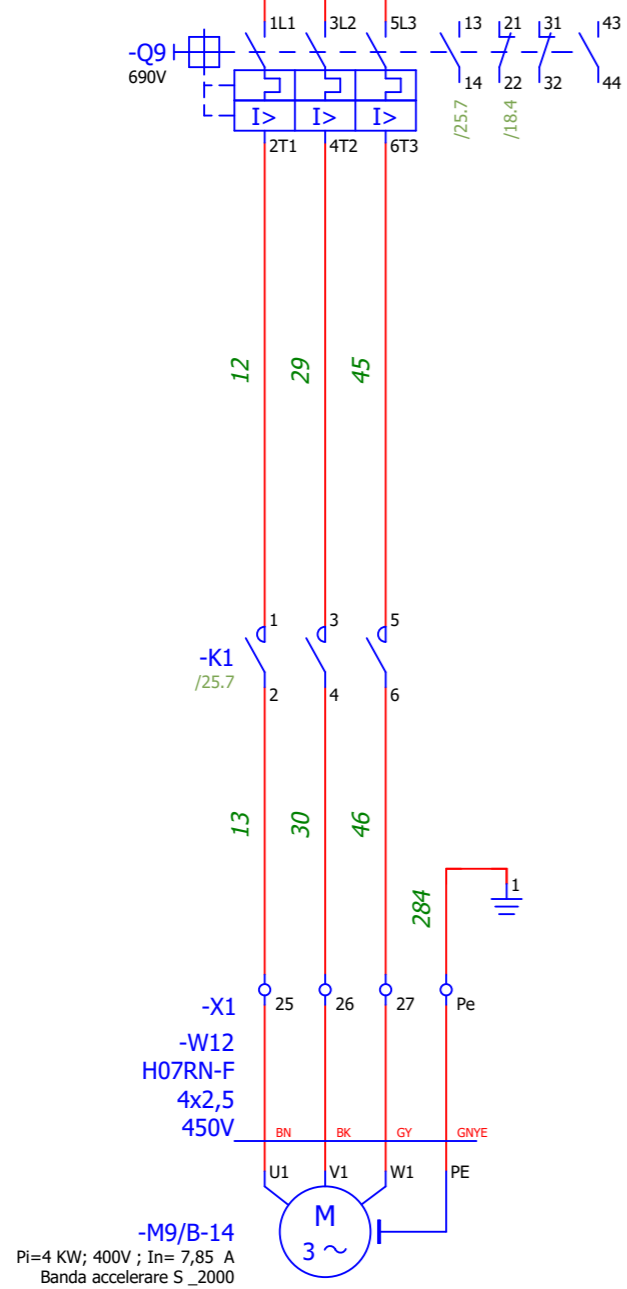
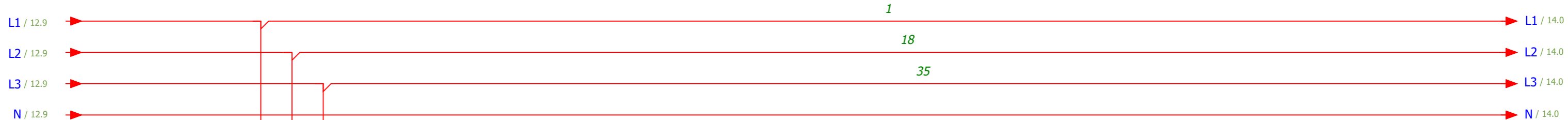
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			Ed	Nelu					
			Appr						
Modification	Date	Name	Original		Replacement of	Replaced by		Page	9
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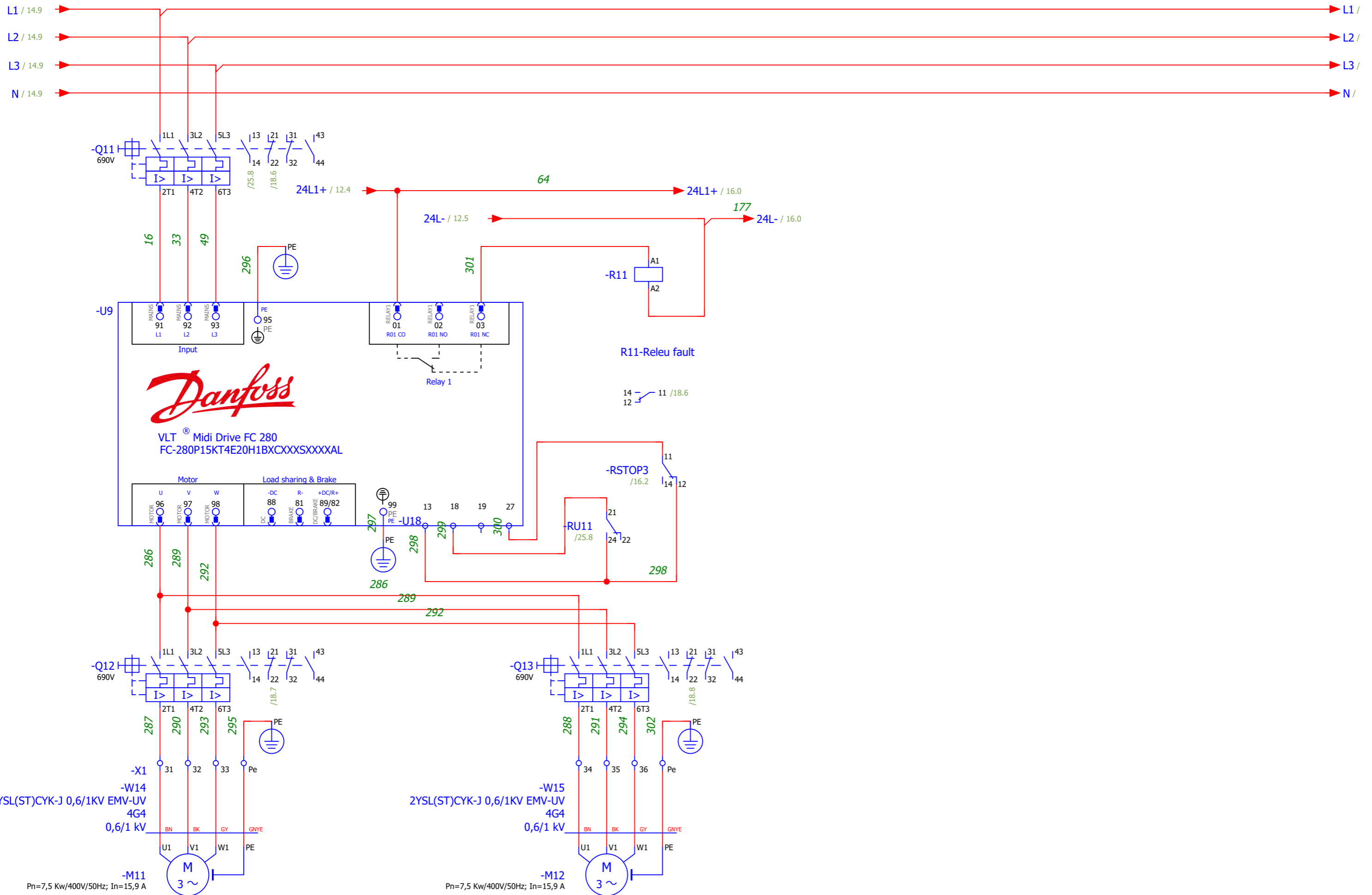
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				Appr		Replacement of		Replaced by				Page 10
Modification	Date	Name	Original									Page 13 / 40



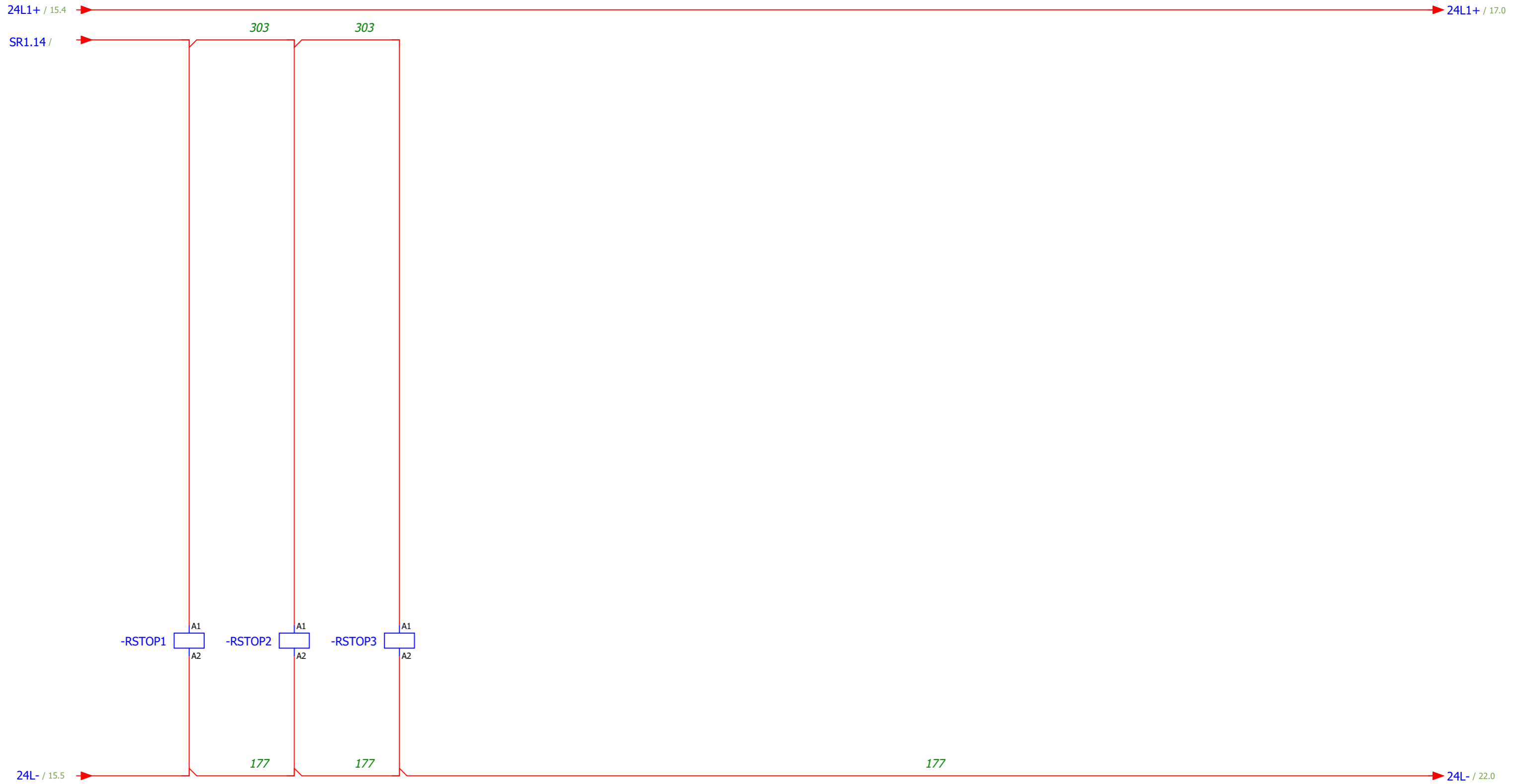
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Appr		Replacement of	Replaced by		Page 12
Modification	Date	Name	Original		Page 15 / 40



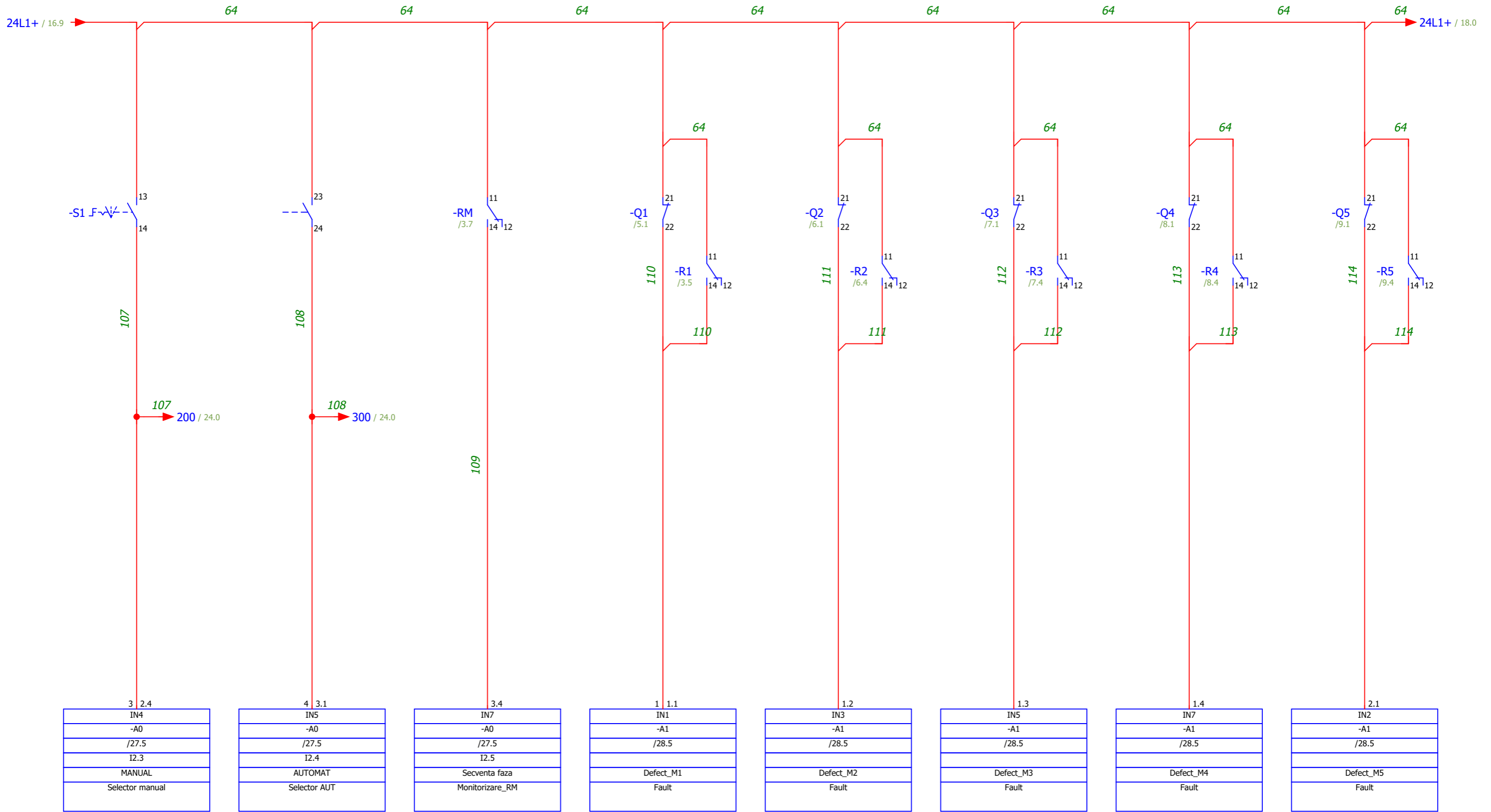
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Appr		Replacement of	Replaced by		Page 13
Modification	Date	Name	Original		Page 16 / 40



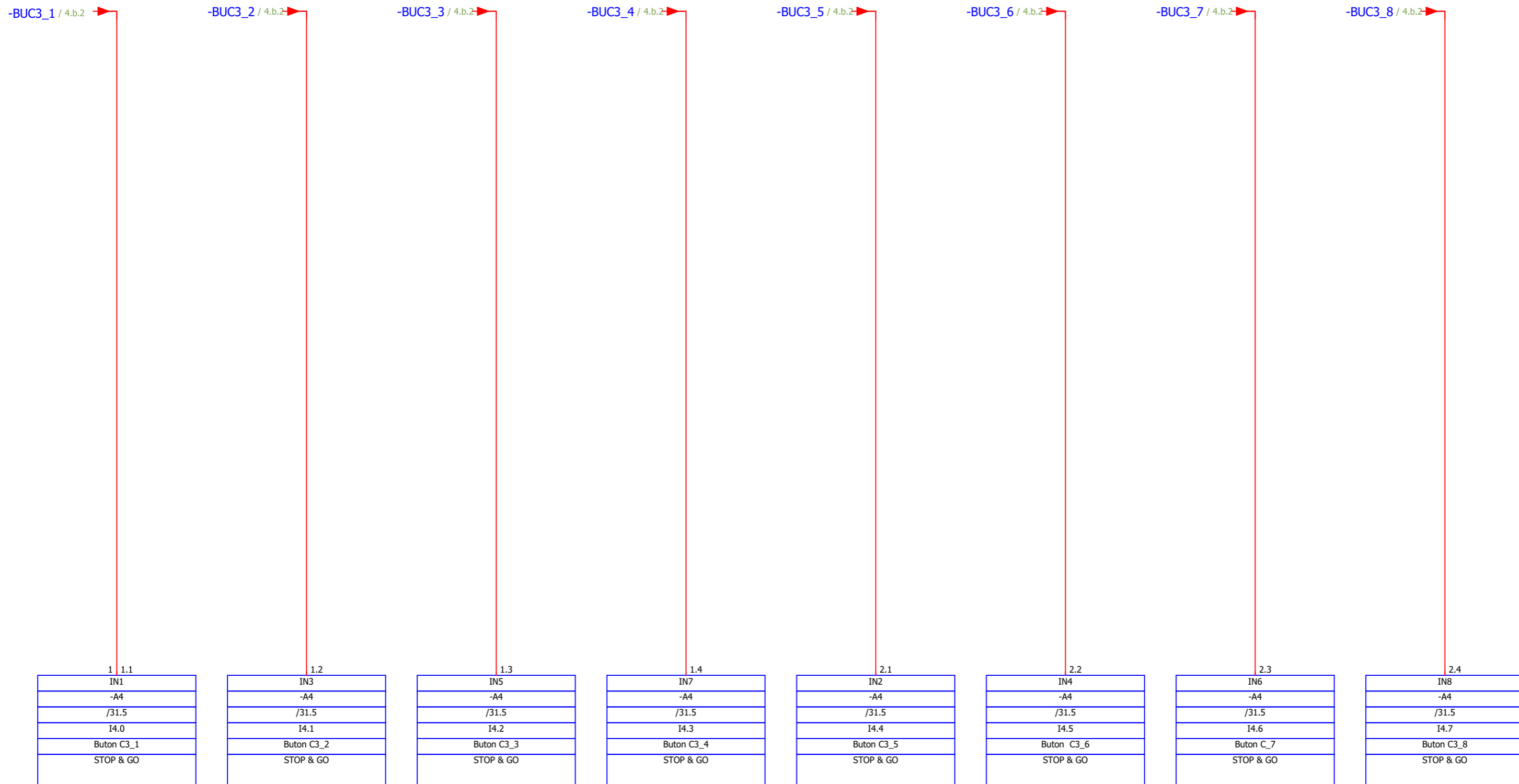
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Appr				Replacement of		Replaced by				Page 15	
Modification		Date		Name		Original				Page 18 / 40	



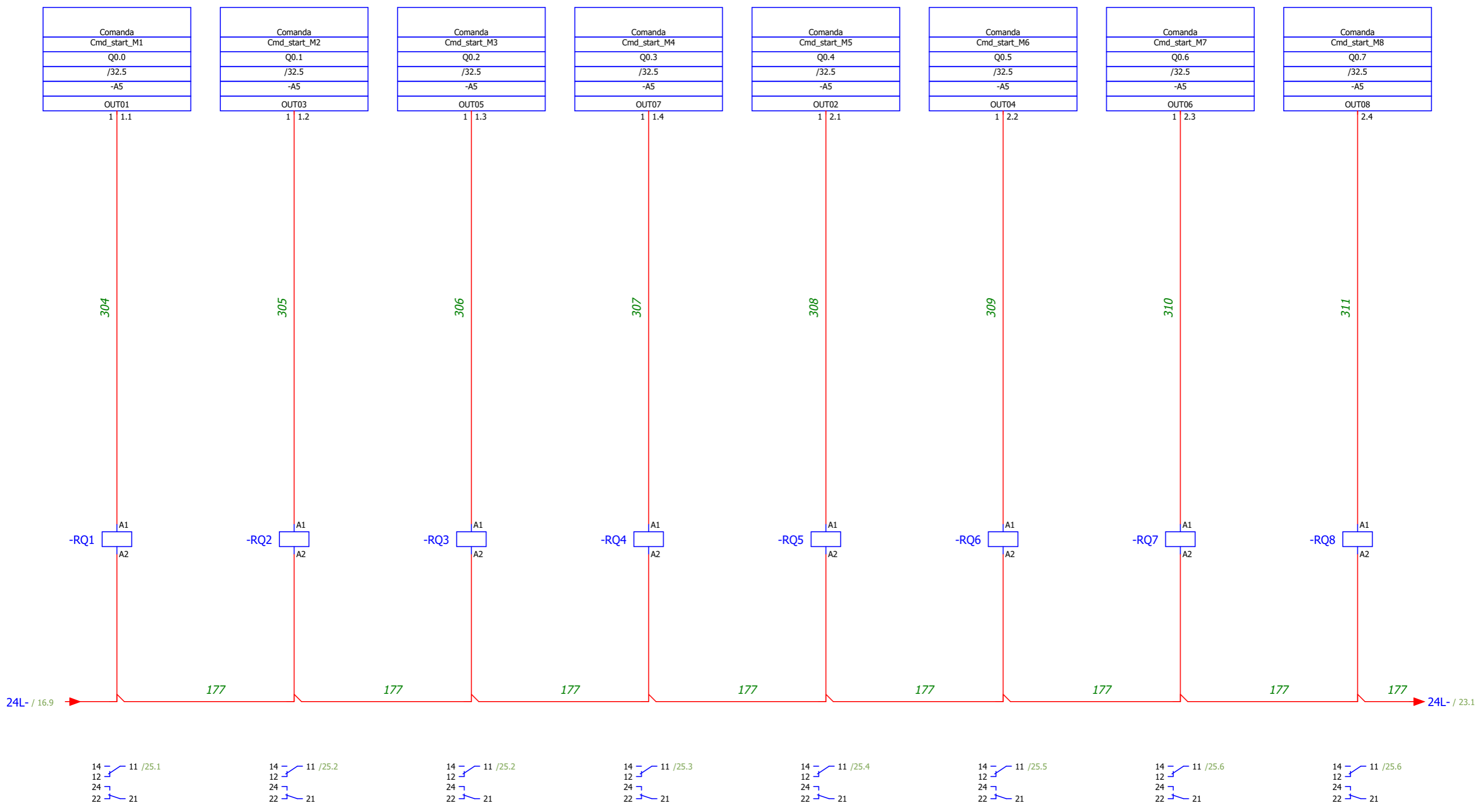
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			Appr		Replacement of	Replaced by			Page 16
Modification	Date	Name	Original						Page 19 / 40



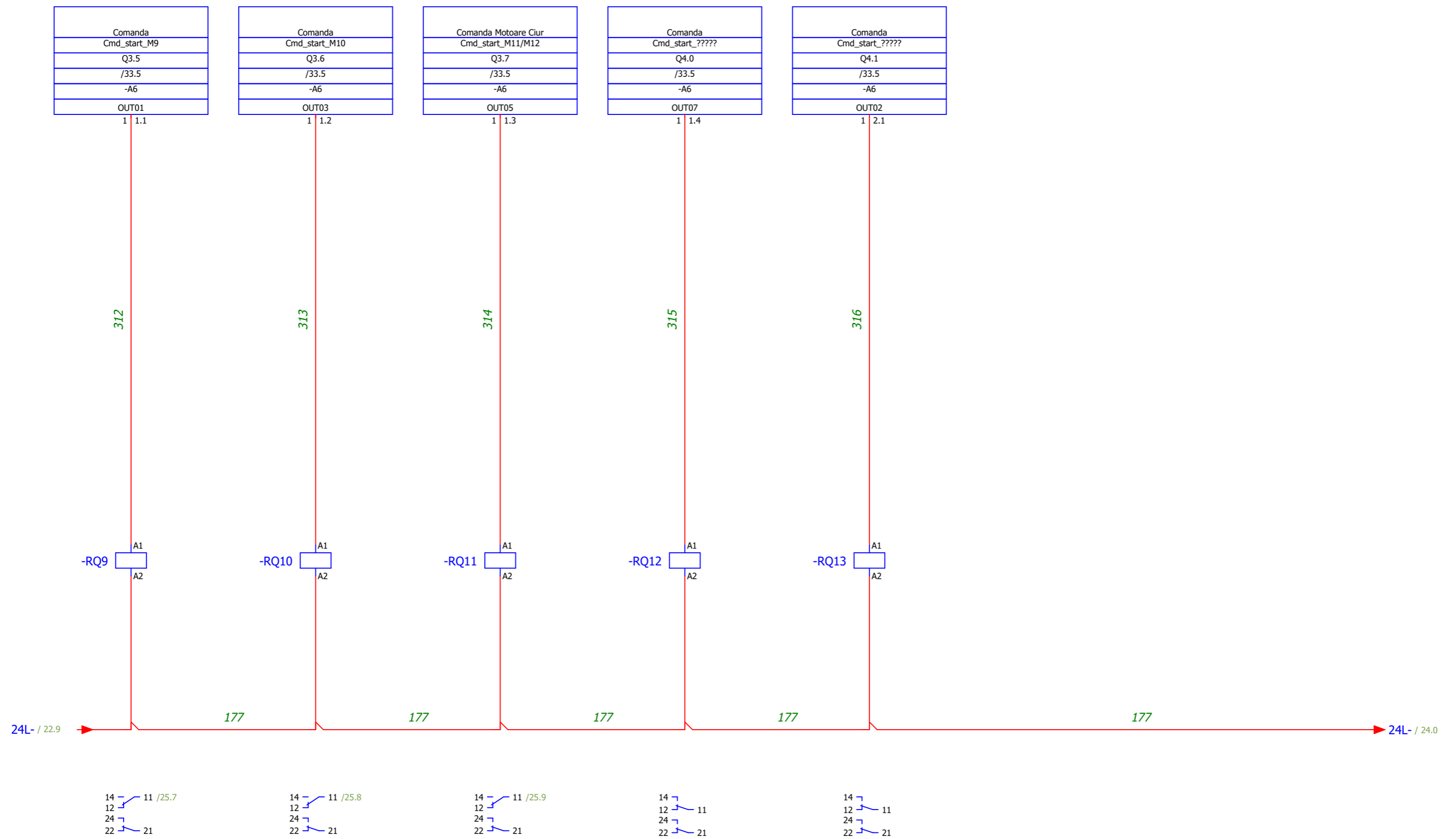
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			Appr		Replacement of		Replaced by				Page 17	
Modification	Date	Name	Original								Page 20 / 40	



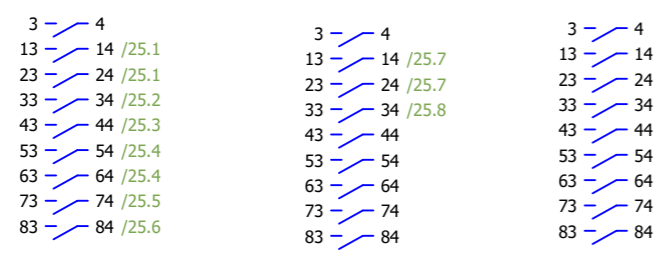
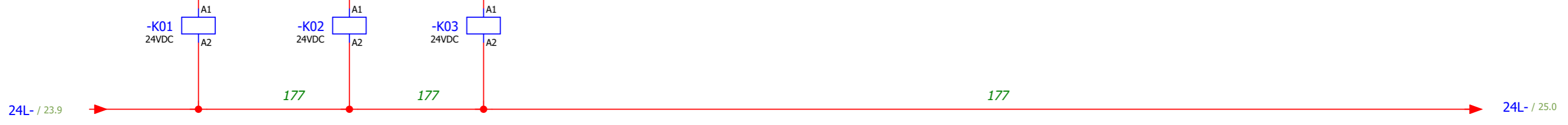
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			Appr							
Modification	Date	Name	Original		Replacement of	Replaced by			Page	21
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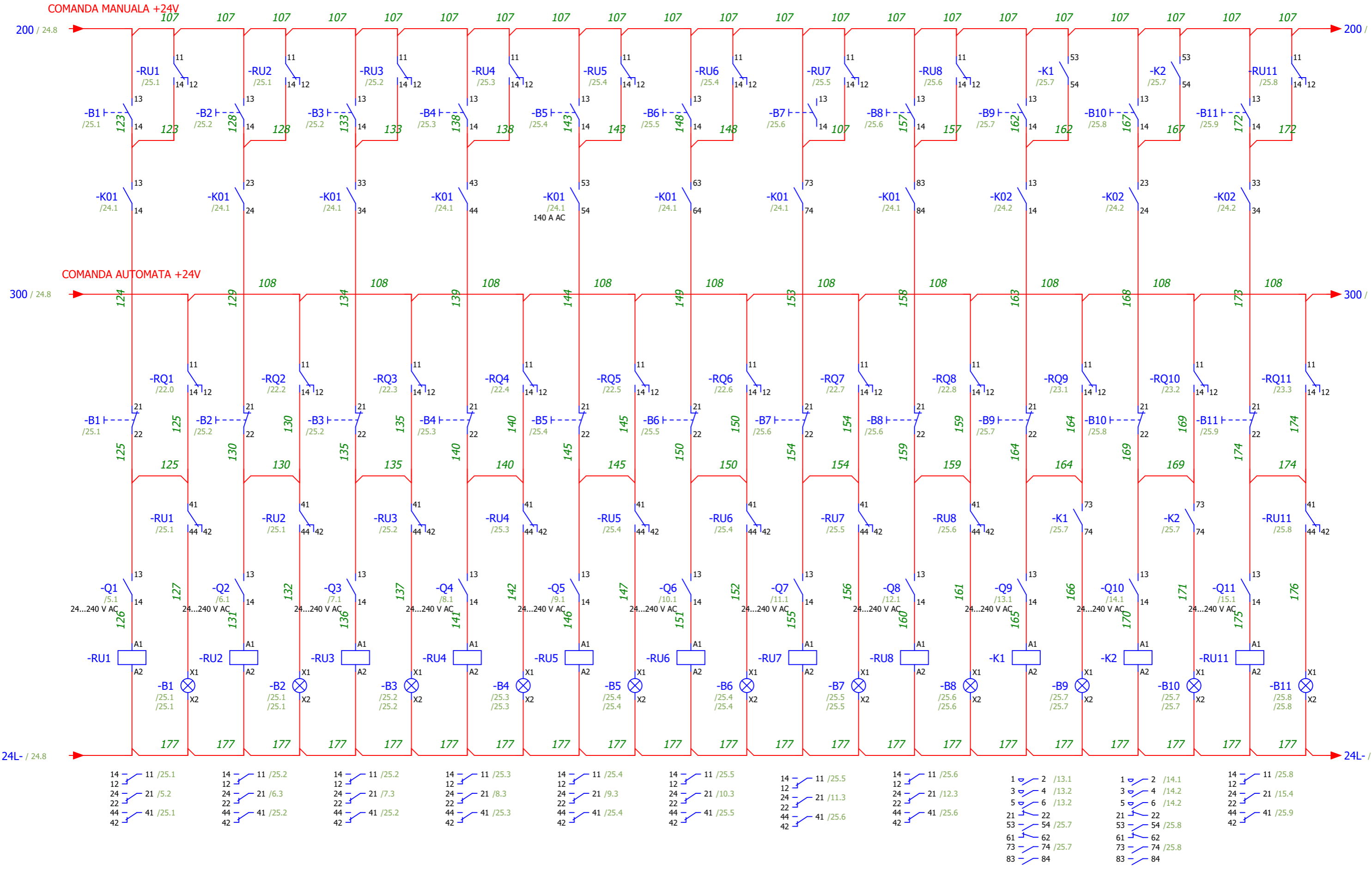
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		Appr		Replacement of		Replaced by				Page 22	
Modification	Date	Name	Original							Page 25 / 40	



			Date	28/04/2023	EPLAN	Sc TEHNIMARKET Srl.	I/O	= CA1	
			Ed	Nelu				+ EAA	
			Appr						
Modification	Date	Name	Original		Replacement of	Replaced by			Page 23
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			Date	28/04/2023	EPLAN	Sc TEHNIMARKET Srl.	Cmd man/aut			= CA1
			Ed	Nelu						+ EAA
			Appr							
Modification	Date	Name	Original		Replacement of	Replaced by			Page	24
									Page	27 / 40



Cmd_M1/B-02

Cmd_M2/B-03

Cmd_M3/B-04

Cmd_M4/B-06

Cmd_M5/B-07

Cmd_M6/B-08

Cmd_M7/B-12

Cmd_M8/B-13

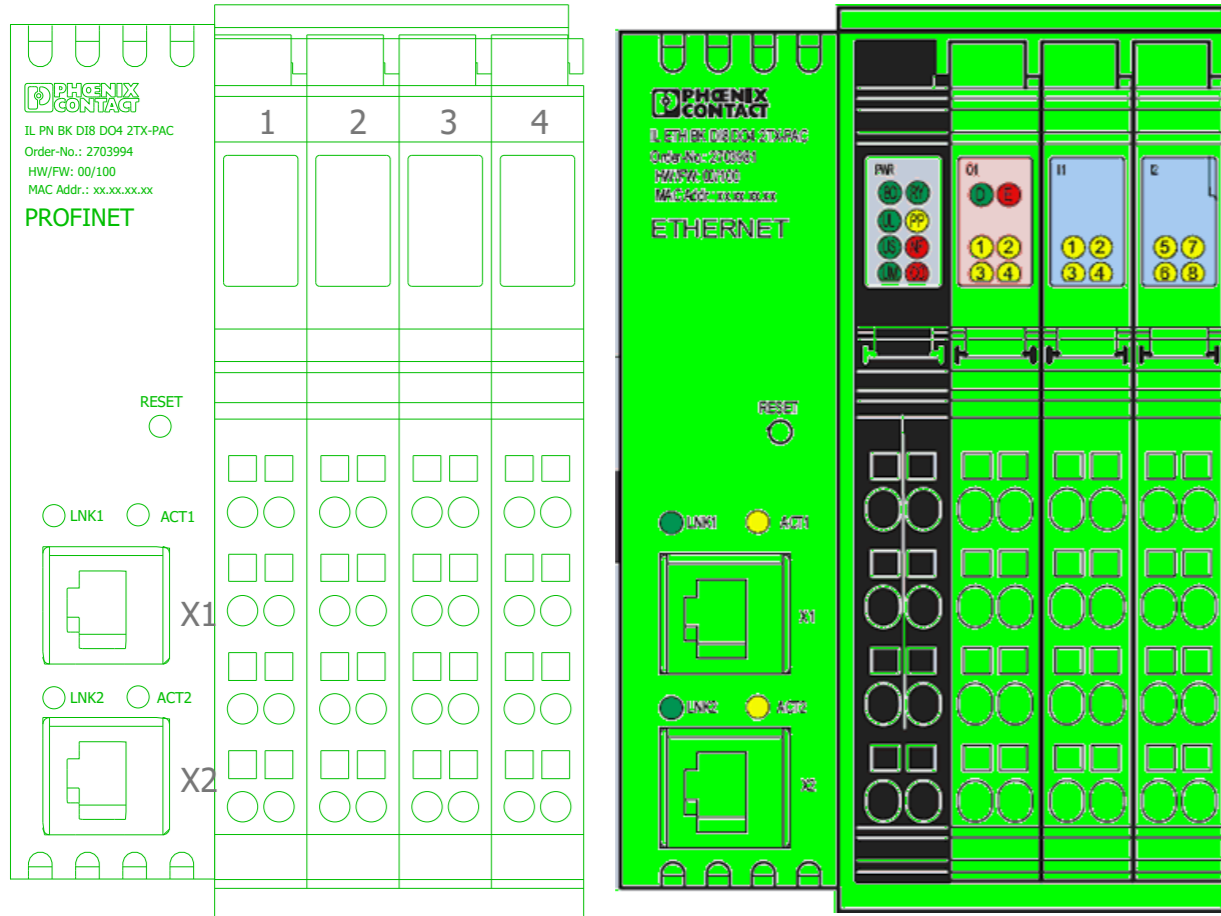
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Cmd_M10/B-15

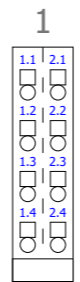
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			Appr		Replacement of		Replaced by				Page 25	
Modification	Date	Name	Original								Page 28 / 40	

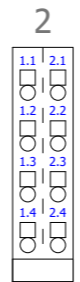
-A0



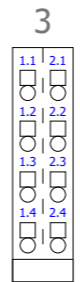
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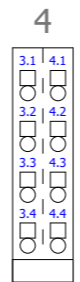
- 1.1 US
- 1.2 UL
- 1.3 GND
- 1.4 FE
- 2.1 UM
- 2.2 UM
- 2.3 GND
- 2.4 FE



- 1.1 OUT1
- 1.2 GND
- 1.3 FE
- 1.4 OUT3
- 2.1 OUT2
- 2.2 GND
- 2.3 FE
- 2.4 OUT4



- 1.1 IN1
- 1.2 UM
- 1.3 GND
- 1.4 IN3
- 2.1 IN2
- 2.2 UM
- 2.3 GND
- 2.4 IN4



- 3.1 IN5
- 3.2 UM
- 3.3 GND
- 3.4 IN7
- 4.1 IN6
- 4.2 UM
- 4.3 GND
- 4.4 IN8



- RJ45 X1



- RJ45 X2

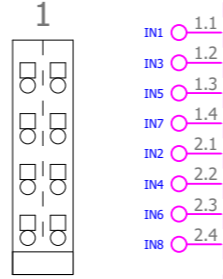
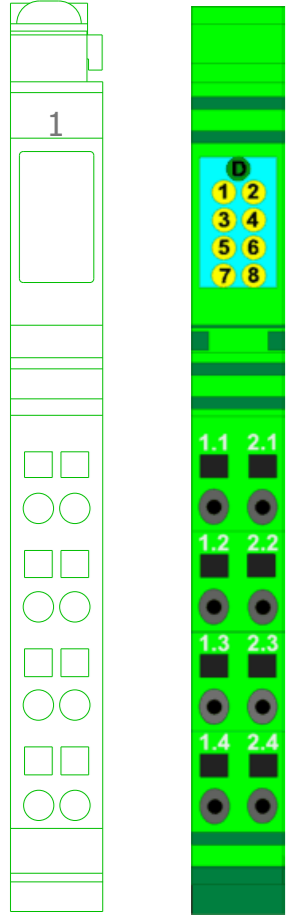
Address:	Function text:	Symbolic Address:	Crossreference:

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			

-A1



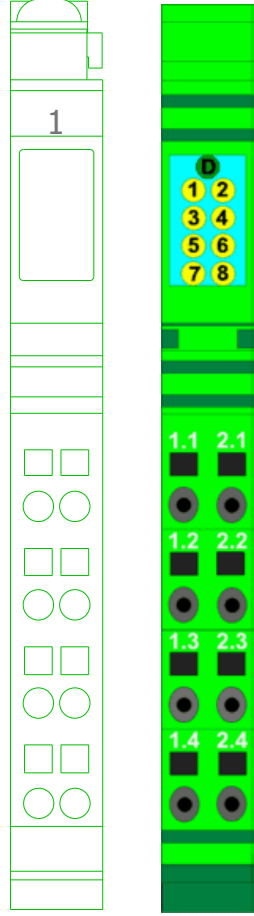
- IN1 1.1
- IN3 1.2
- IN5 1.3
- IN7 1.4
- IN2 2.1
- IN4 2.2
- IN6 2.3
- IN8 2.4

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

IB IL 24 DI8/HD-PAC

Date	28/04/2023	EPLAN	Sc TEHNIMARKET Srl.	PLC_A1	= CA1 + EAA	Page 28
Ed	Nelu	TE_Benzi alim ciur, cab presortare, sep optic				Page 31 / 40
Appr						
Modification	Date	Name	Original	Replacement of	Replaced by	

-A2



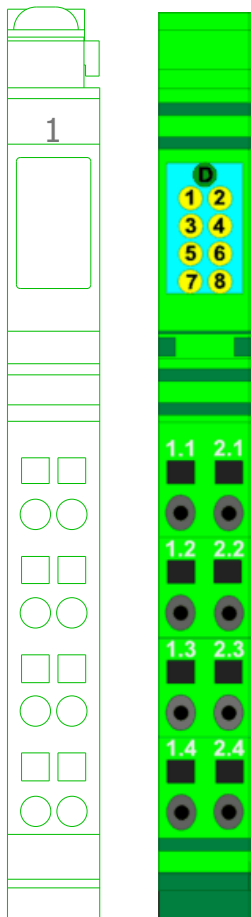
IB IL 24 DI8/HD-PAC



- 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

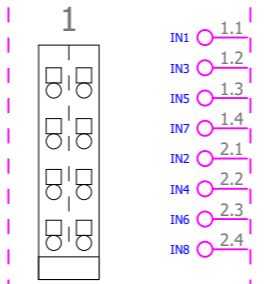
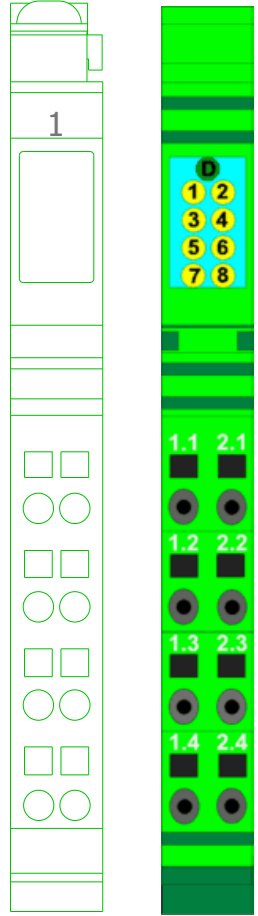


IB IL 24 DI8/HD-PAC

1		IN1	1.1	I3.0			
		IN3	1.2	I3.1	Buton urgenta	BU4_pe suport balistor	/19.5
		IN5	1.3	I3.2	Buton urgenta	BU5_pe suport (sep optic/band rest)	/19.6
		IN7	1.4	I3.3	Buton urgenta	BU6_pe perete cabina presortare	/19.7
		IN2	2.1	I3.4	Buton urgenta	BU7_pe perete cabina C3	/19.8
		IN4	2.2	I3.5	Buton urgenta	BU8_pe perete cabina C3	/19.9
		IN6	2.3	I3.6	STOP & GO	Buton PRS_1	/20.1
		IN8	2.4	I3.7	STOP & GO	Buton PRS_2	/20.2

	Date	28/04/2023	EPLAN	Sc TEHNIMARKET Srl.	PLC_A3		= CA1 + EAA
	Ed	Nelu					
	Appr		TE_Benzi alim ciur, cab presortare, sep optic				
Modification	Date	Name	Original	Replacement of	Replaced by		
							Page 30 Page 33 / 40

-A4

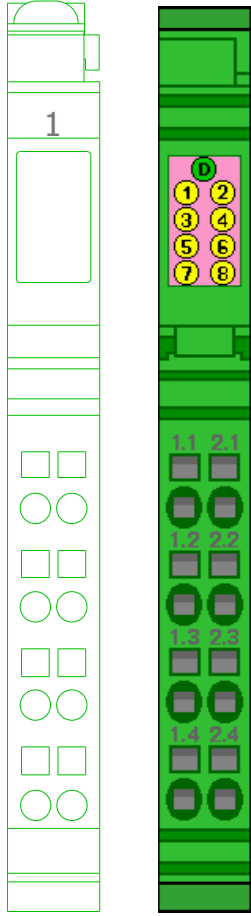


IN1 1.1
 IN3 1.2
 IN5 1.3
 IN7 1.4
 IN2 2.1
 IN4 2.2
 IN6 2.3
 IN8 2.4

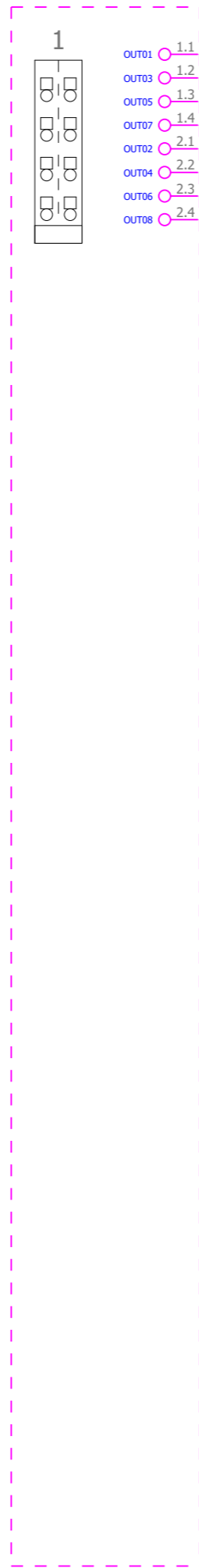
I4.0	STOP & GO	Buton C3_1	/21.0
I4.1	STOP & GO	Buton C3_2	/21.2
I4.2	STOP & GO	Buton C3_3	/21.3
I4.3	STOP & GO	Buton C3_4	/21.4
I4.4	STOP & GO	Buton C3_5	/21.5
I4.5	STOP & GO	Buton C3_6	/21.6
I4.6	STOP & GO	Buton C_7	/21.7
I4.7	STOP & GO	Buton C3_8	/21.8

IB IL 24 DI8/HD-PAC

-A5



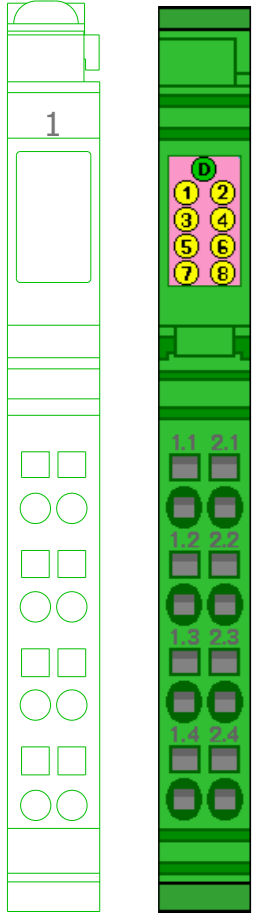
IB IL 24 DO 8/HD-ECO



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

Date	28/04/2023	EPLAN	Sc TEHNIMARKET Srl.	PLC_A5	= CA1
Ed	Nelu	TE_Benzi alim ciur, cab presortare, sep optic			+ EAA
Appr		Replacement of	Replaced by		Page 32
Modification	Date	Name	Original		Page 35 / 40

-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			

Parts list

F01_001

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	Contacteur, 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	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
-K2	1	Contacteur, 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	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
-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

Date	28/04/2023	EPLAN	Sc TEHNIMARKET Srl.	Parts list : ETN.PXL-C2/2 - SE.GV2ME16	= CA1
Ed	Nelu	TE_Benzi alim ciur, cab presortare, sep optic			+ EAA
Appr		Replacement of	Replaced by		
Modification	Date	Name	Original		Page 34.a
					Page 38 / 40

Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
-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

34.a

		Date	28/04/2023	EPLAN		Sc TEHNIMARKET Srl.	Parts list : SE.GVAE11 - FIN.95.05			= CA1
		Ed	Nelu	TE_Benzi alim ciur, cab presortare, sep optic						+ EAA
		Appr		Replacement of		Replaced by				Page 34.b
Modification	Date	Name	Original							Page 39 / 40

34.c



SC TEHNIMARKET SRL

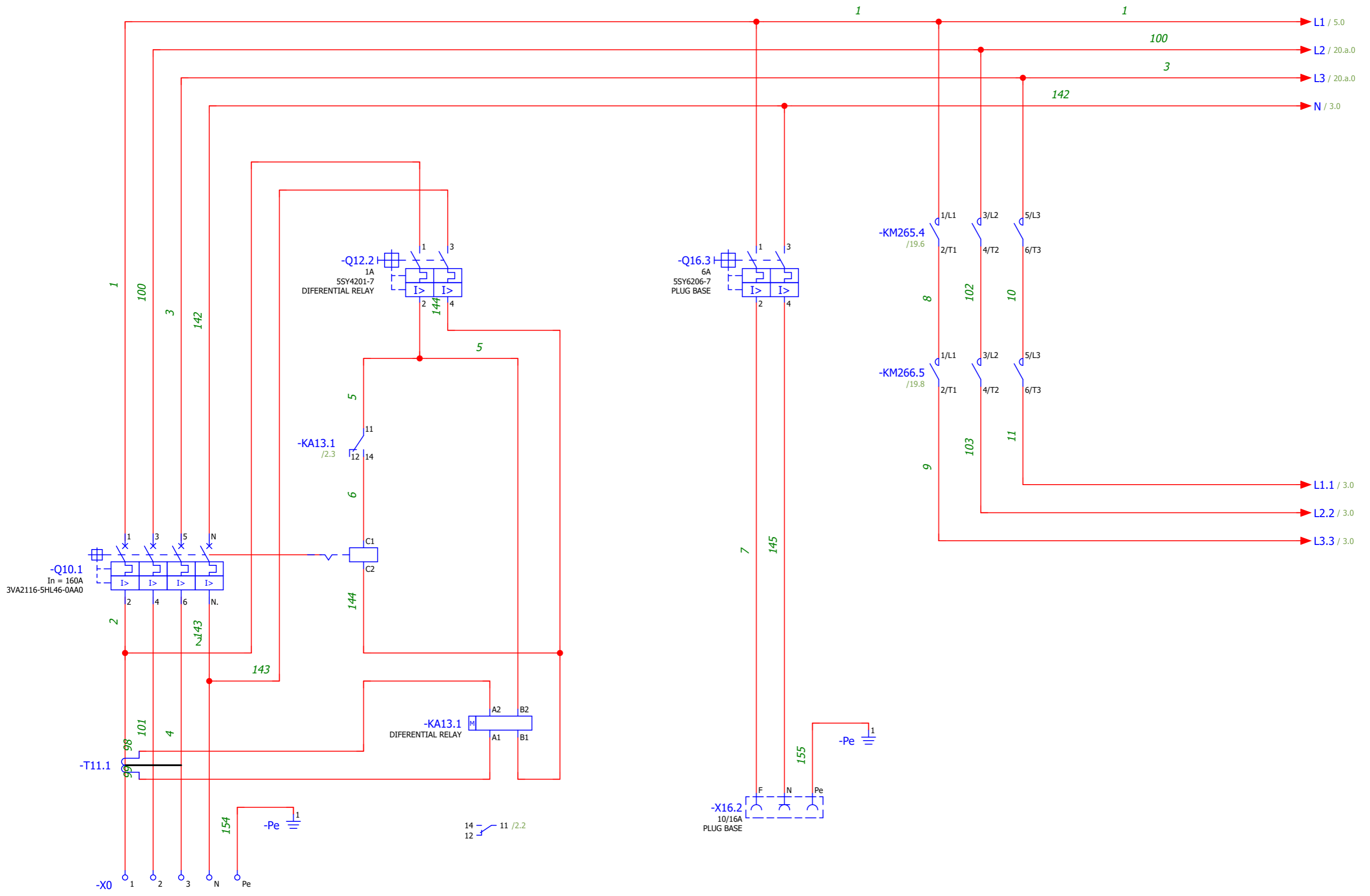
Str. Arcadie Septilici Nr. 1 C
600234 BACAU
Phone

Company / customer	Statie sortare ROIESTI
Project description	TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3
Job number	IEC_bas001
Commission	EPLAN

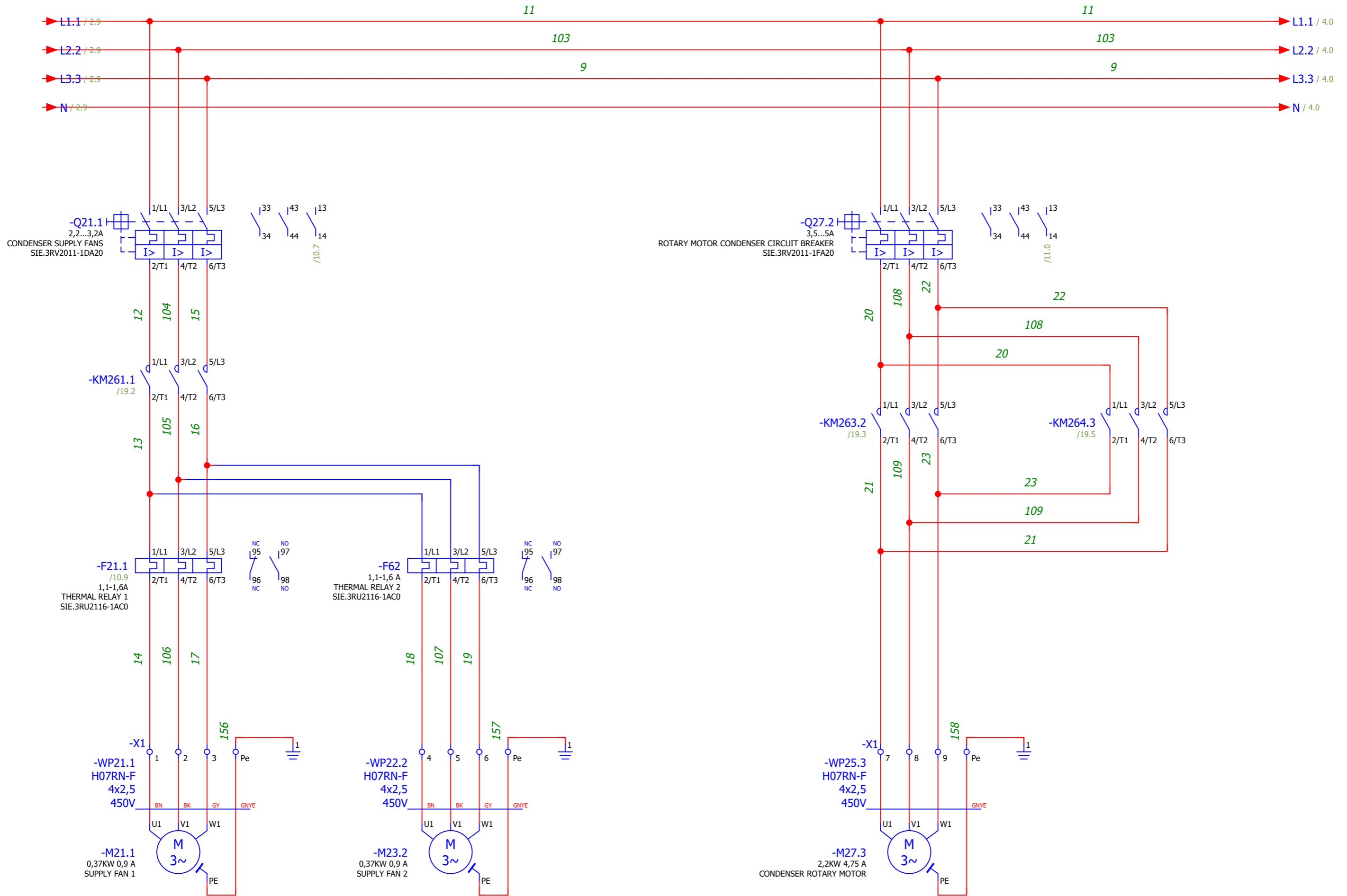
Manufacturer (company)	SC TEHNIMARKET SRL
Path	EPLAN sample project
Project name	TE_3_Separator aeraulic_benzi_B16_B32
Make	
Type	
Place of installation	
Responsible for project	
Part feature	

Created on	31/07/2023		
Edit date	24/08/2023	by (short name) Nelu	Number of pages 81

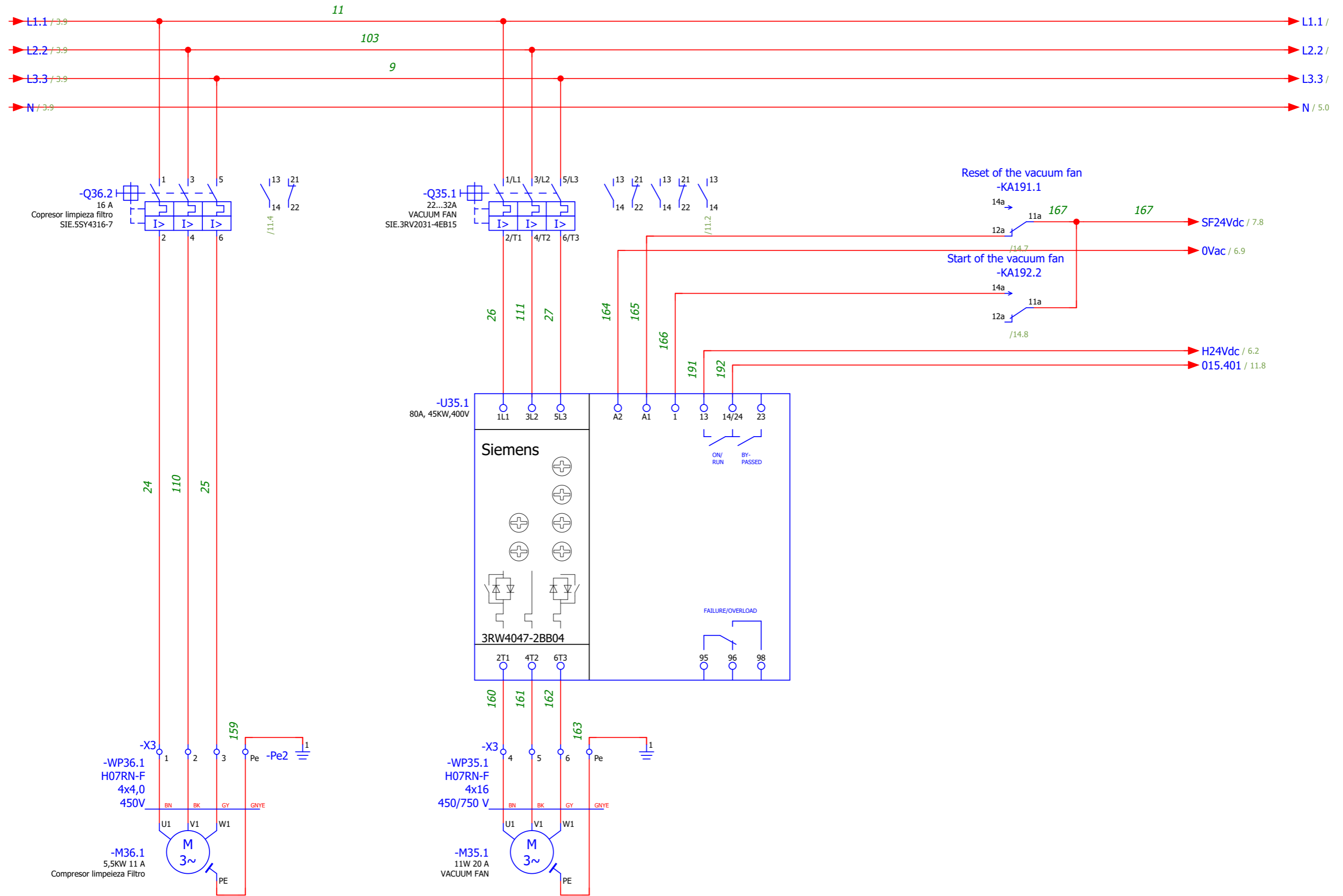
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Modification	Date	Name	Original		Replacement of	Replaced by		IEC_bas001	Page 1 / 81



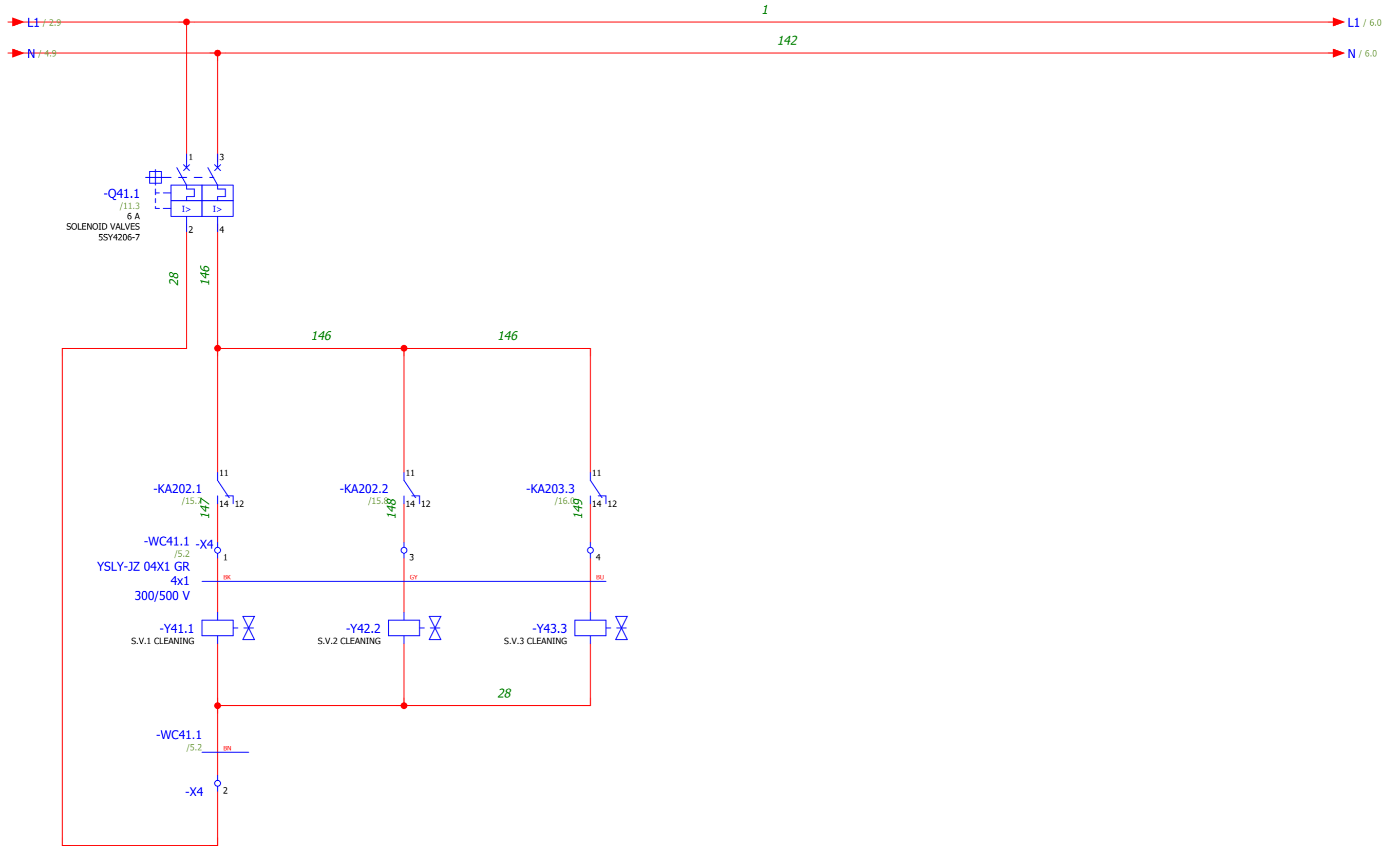
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				TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3						+ EAA	
				Replacement of		Replaced by				IEC_bas001	
Modification				Date		Name		Original		Page 2	
				24/08/2023		Nelut				Page 2 / 81	
				Appr							



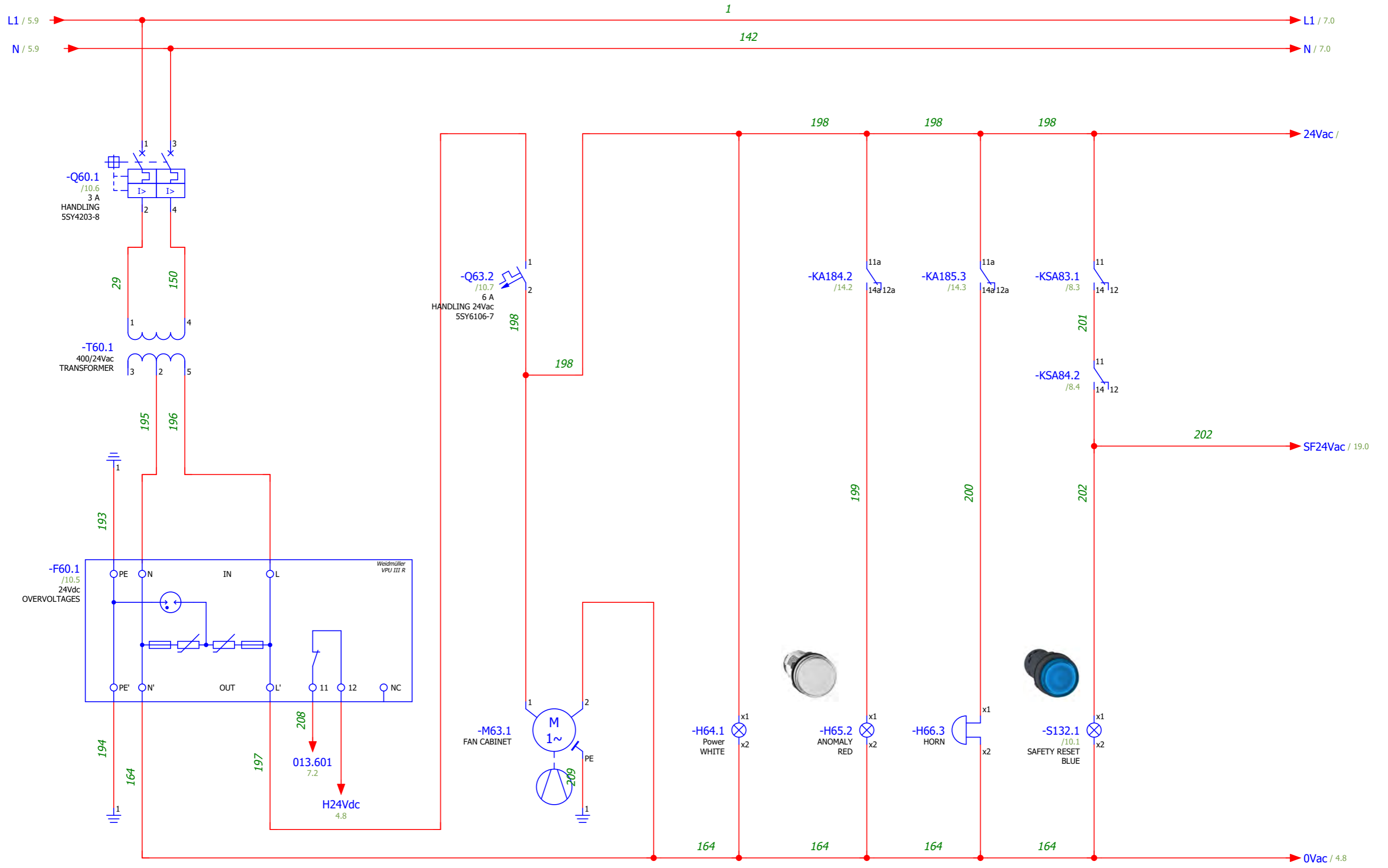
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Date	24/08/2023	EPLAN	SC TEHNIMARKET SRL
Ed	Nelu	TE_Benzi_separator aeraulic_separator optic_cabina sortare	M21/M23/M27
Appr		C1/C3	
Modification	Date	Name	Original
		Replacement of	Replaced by
		= CA1	
		+ EAA	
		IEC_bas001	Page 3
			Page 3 / 81



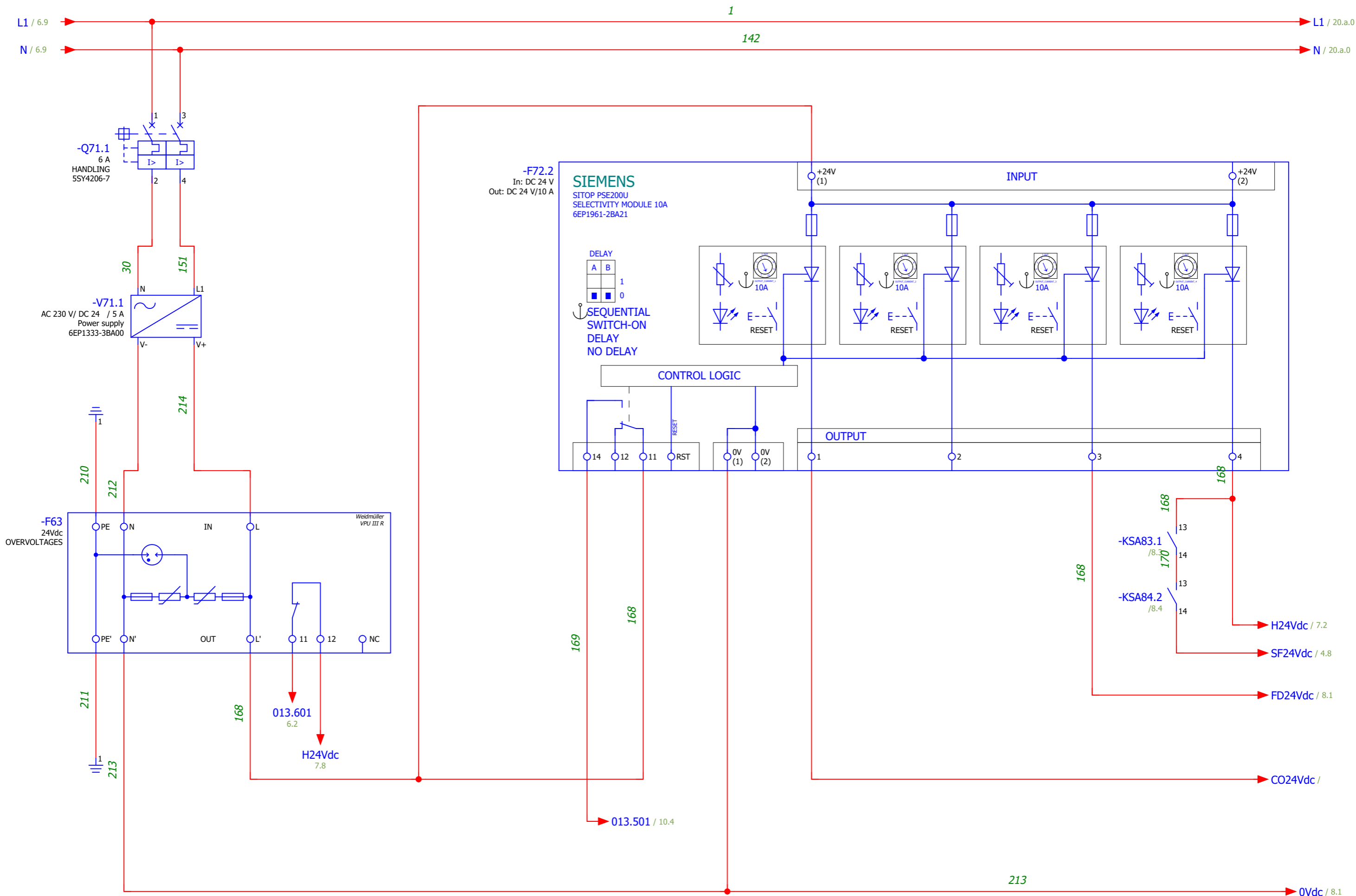
Modification		Date	Name	Original	Replacement of	Replaced by	SC TEHNIMARKET SRL		M36.1/M35.1	= CA1 + EAA		Page 4
							EPLAN			IEC_bas001		Page 4 / 81
							TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3					
							Date: 24/08/2023					
							Ed: Nelu					
							Appr:					



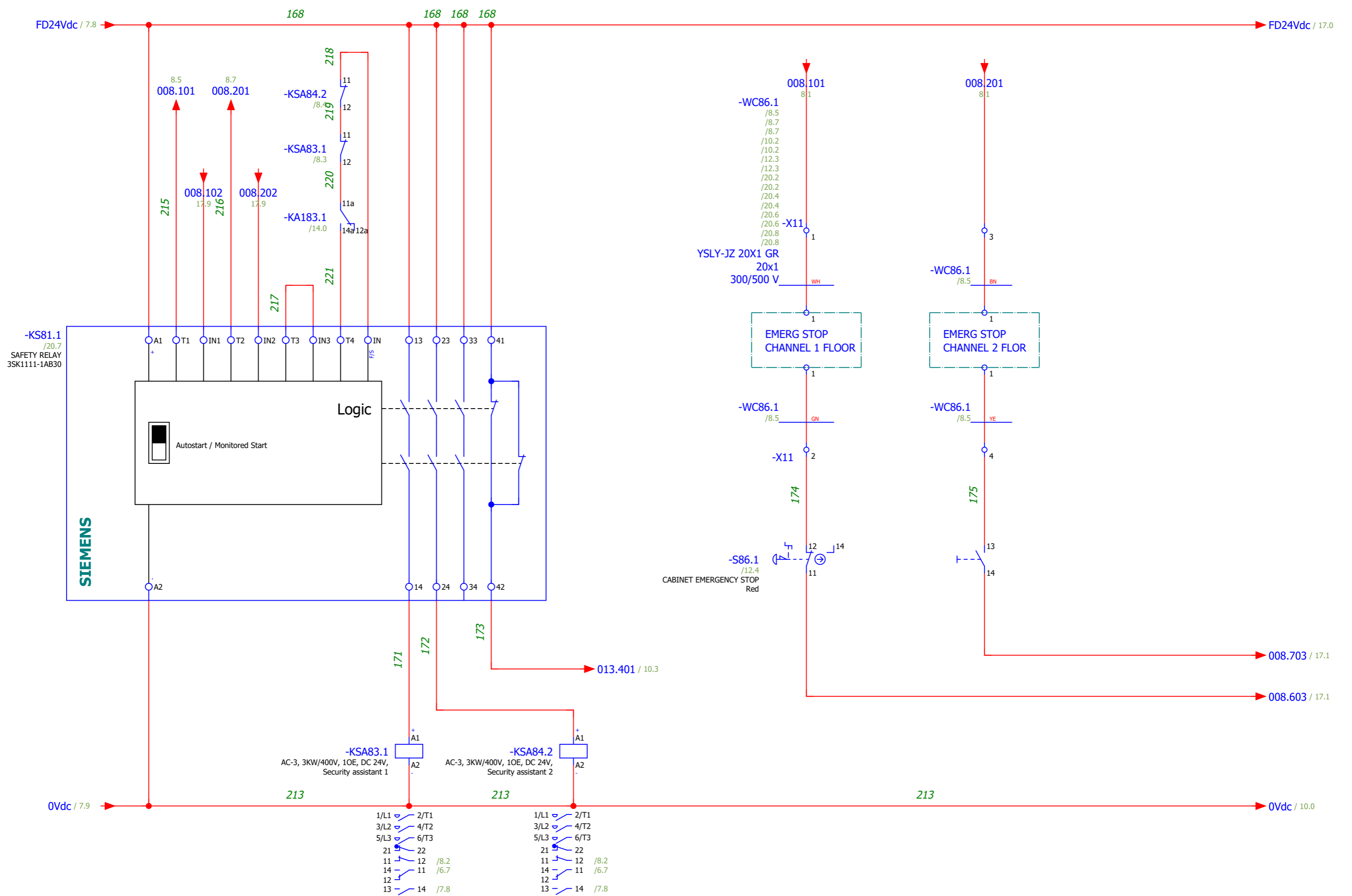
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				Appr		Replacement of				IEC_bas001	
Modification	Date	Name	Original		Replaced by					Page 5	
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5		7	
Date	24/08/2023	EPLAN	SC TEHNIMARKET SRL
Ed	Nelu	TE_Benzi_separator aeraulic_separator optic_cabina sortare	Aux/Semn
Appr		C1/C3	= CA1 + EAA
Modification	Date	Name	IEC_bas001
Original	Replaced by	Replaced by	Page 6
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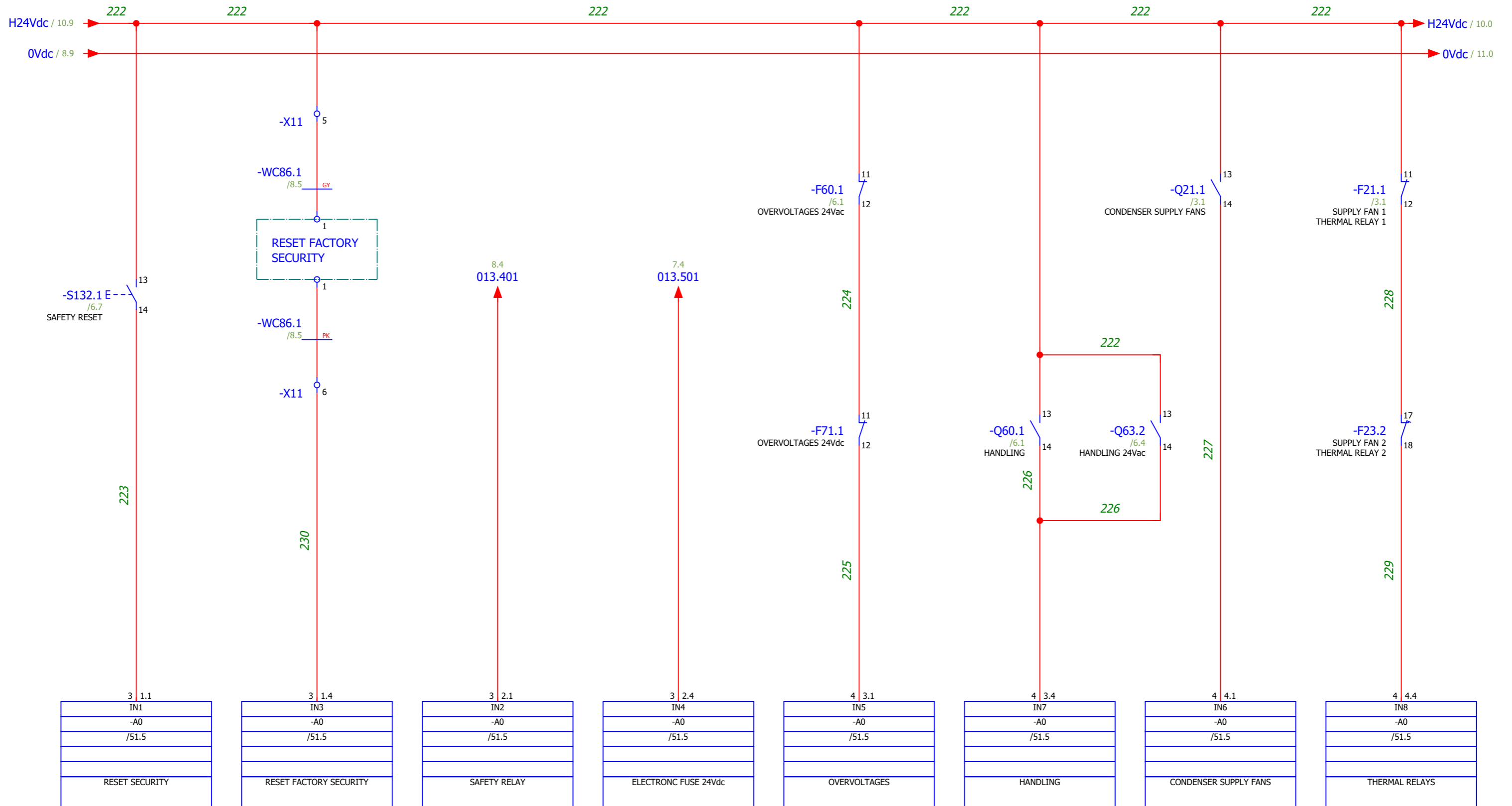
				Date	24/08/2023	EPLAN		SC TEHNIMARKET SRL	Power Supply	= CA1	
				Ed	Nelu	TE_Benzi_separator aeraulic_separator optic_cabina sortare		C1/C3		+ EAA	
				Appr		Replacement of		Replaced by		IEC_bas001	Page 7
Modification	Date	Name	Original								Page 7 / 81

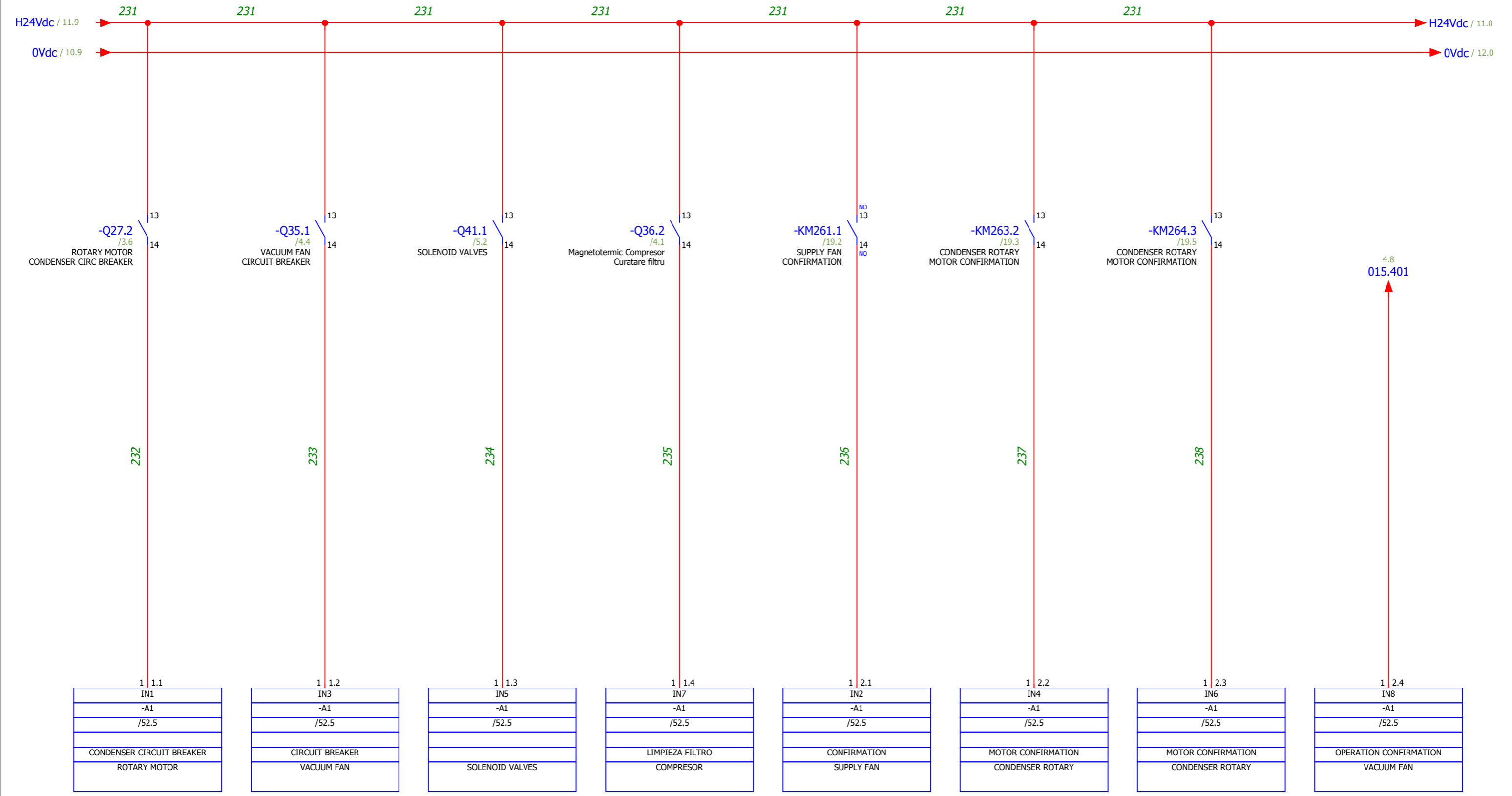


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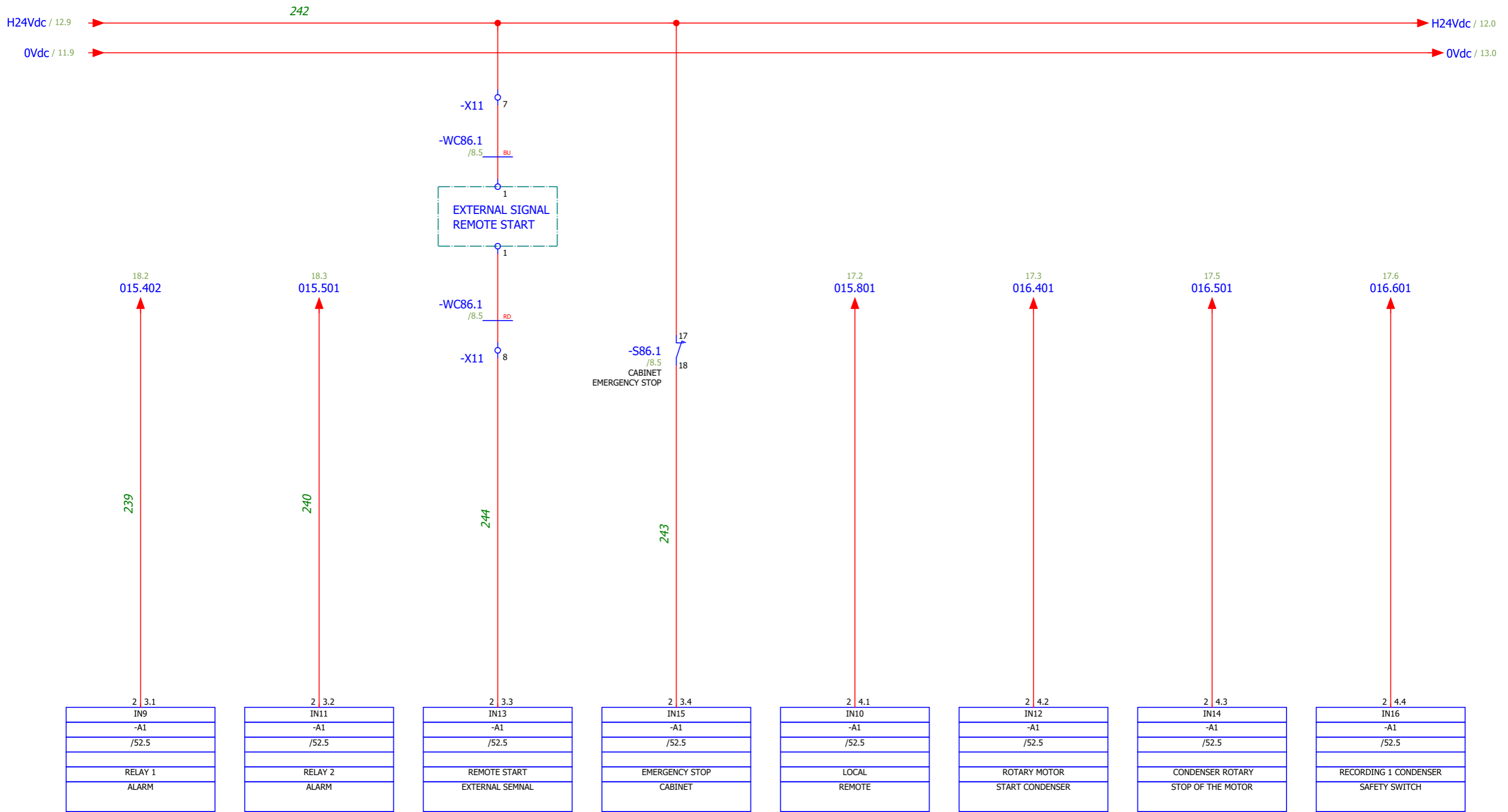
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		Appr		Replacement of				IEC_bas001	
Modification	Date	Name	Original	Replaced by				Page 8 / 81	

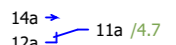
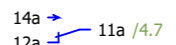
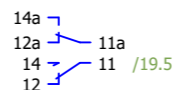
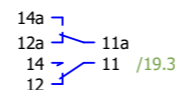
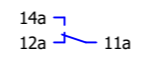
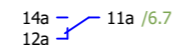
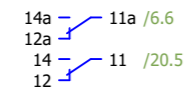
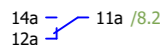
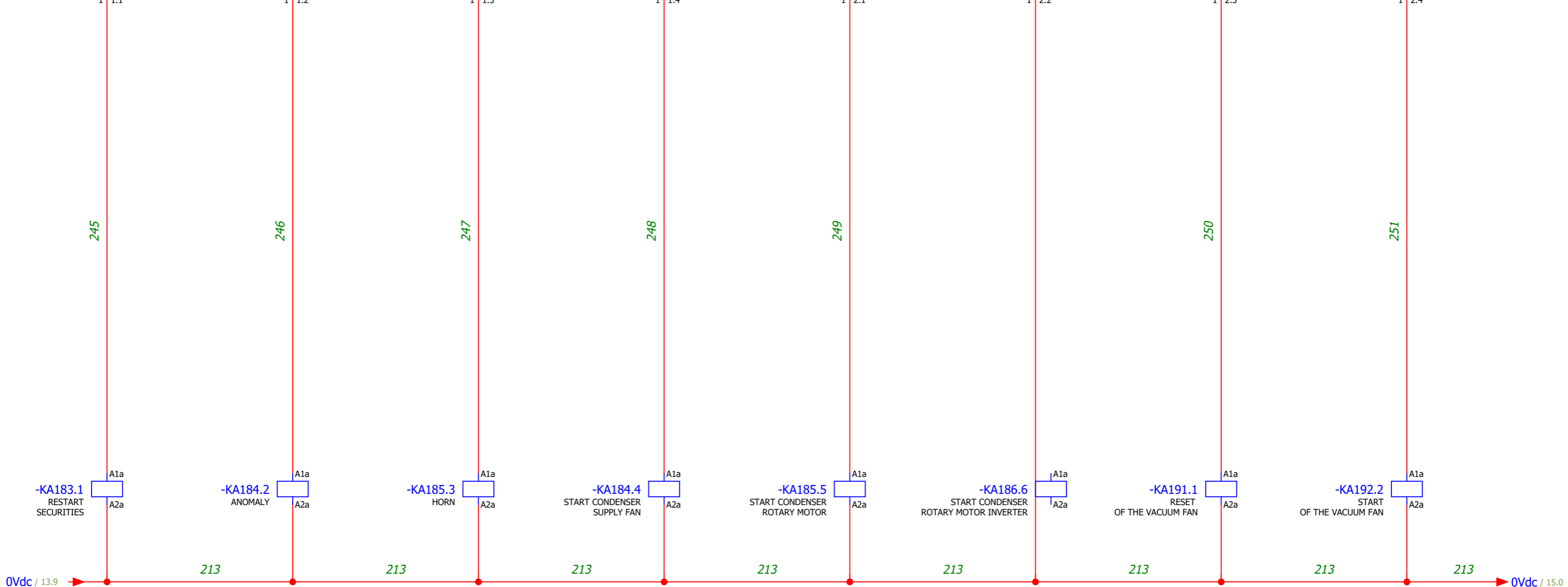




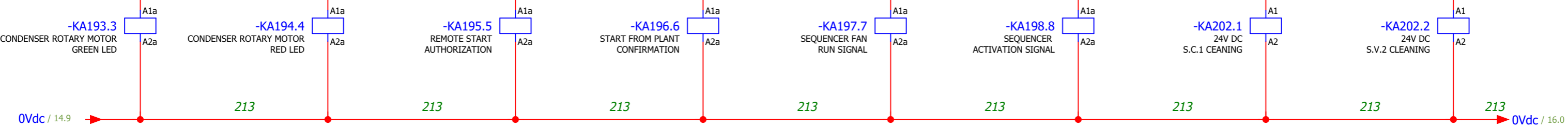
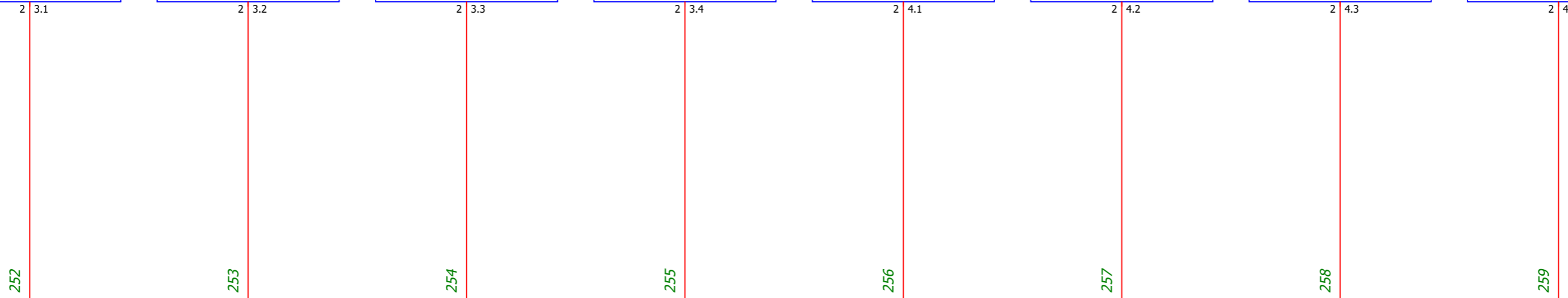
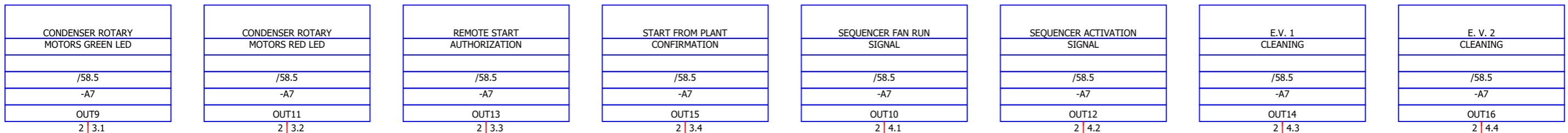
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Ed	Nelu	TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3			+ EAA
Appr		Replacement of	Replaced by		
Modification	Date	Name	Original		
				IEC_bas001	Page 11
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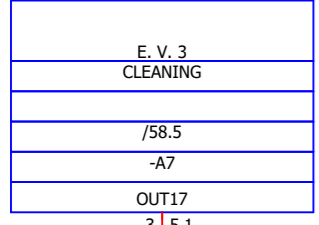
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			Appr		Replacement of	Replaced by			IEC_bas001		Page 12
Modification	Date	Name	Original								Page 11 / 81



				Date	24/08/2023	EPLAN		SC TEHNIMARKET SRL	I/O			= CA1
				Ed	Nelu	TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3						+ EAA
				Appr		Replacement of		Replaced by				Page 14
Modification	Date	Name	Original							IEC_bas001		Page 13 / 81

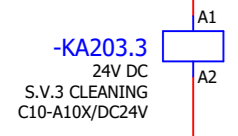


Date	24/08/2023	EPLAN	SC TEHNIMARKET SRL	I/O	= CA1
Ed	Nelu	TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3			+ EAA
Appr		Replacement of	Replaced by		
Modification	Date	Name	Original		IEC_bas001
					Page 15
					Page 14 / 81

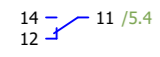


3 5.1

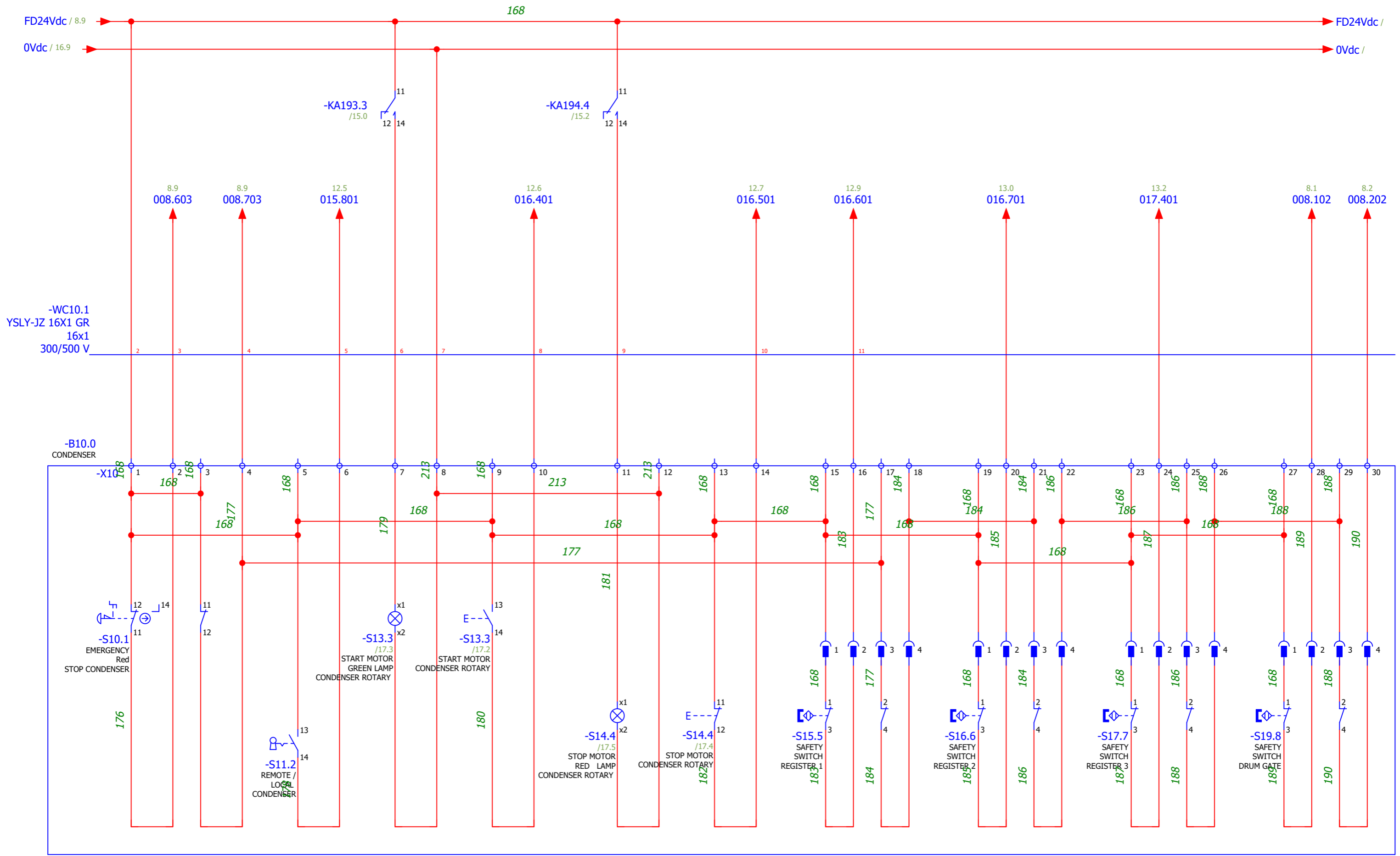
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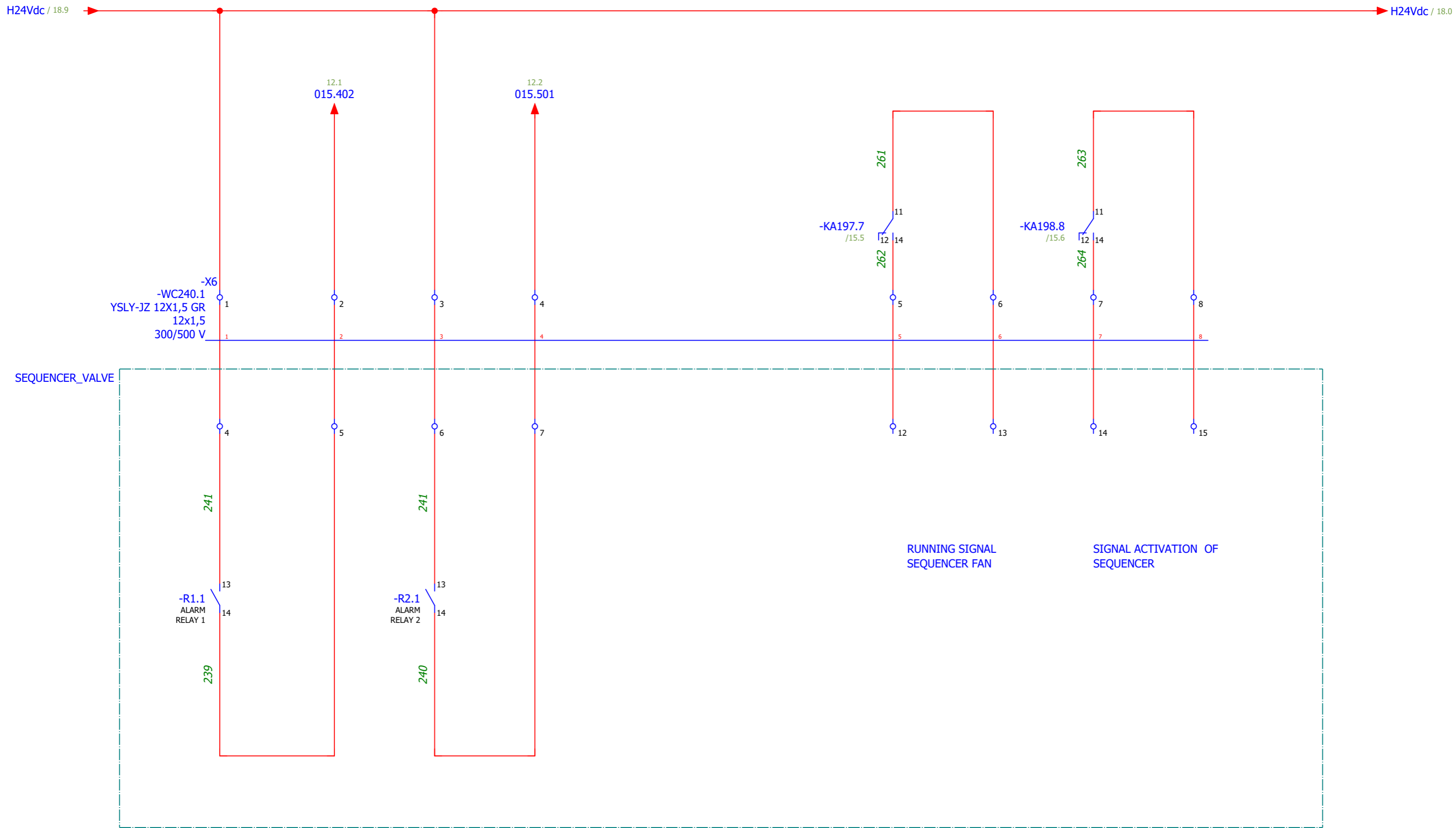
A1
A2



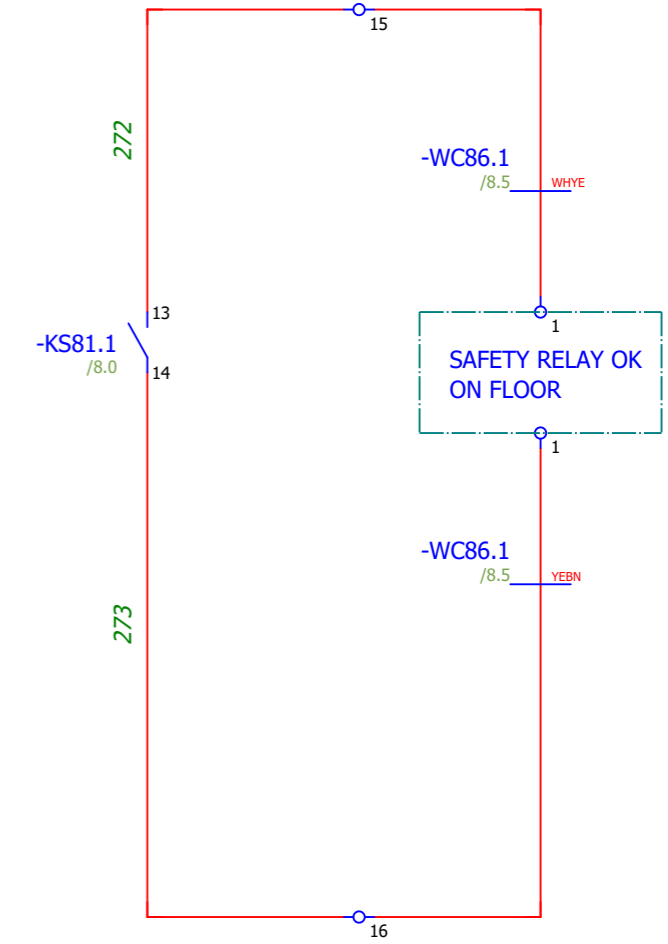
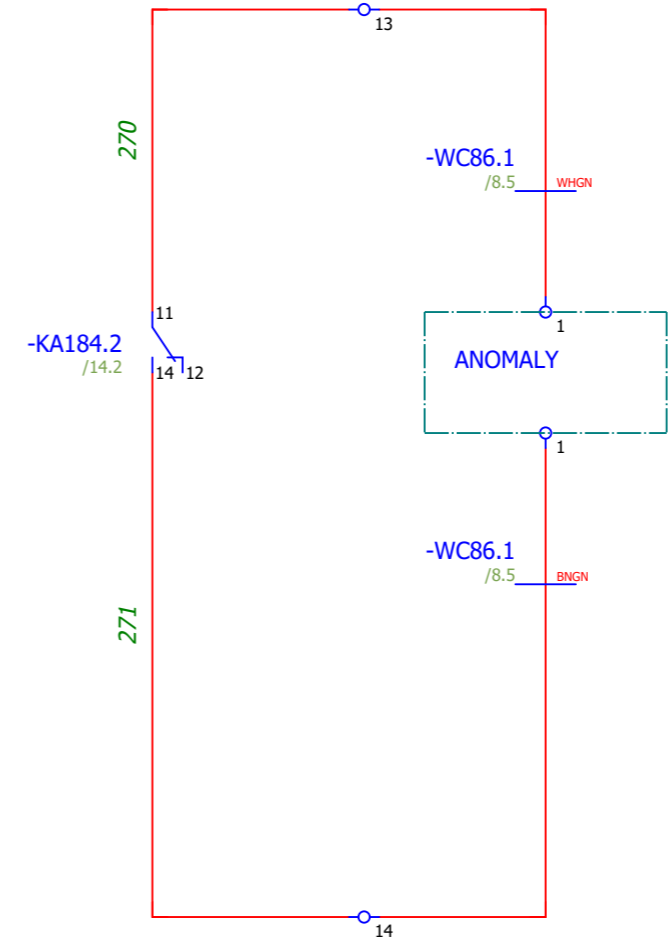
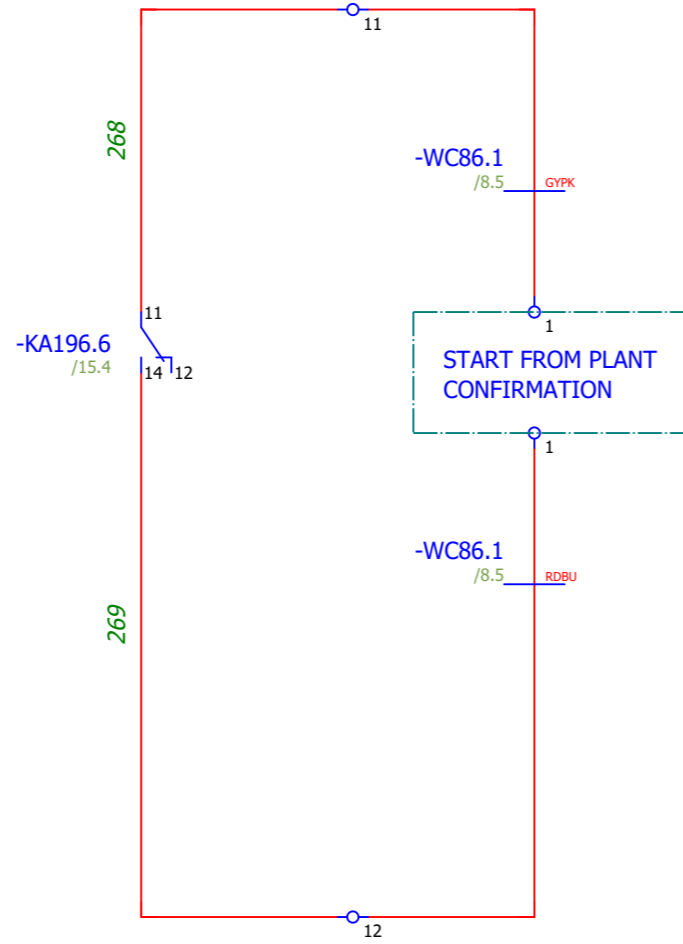
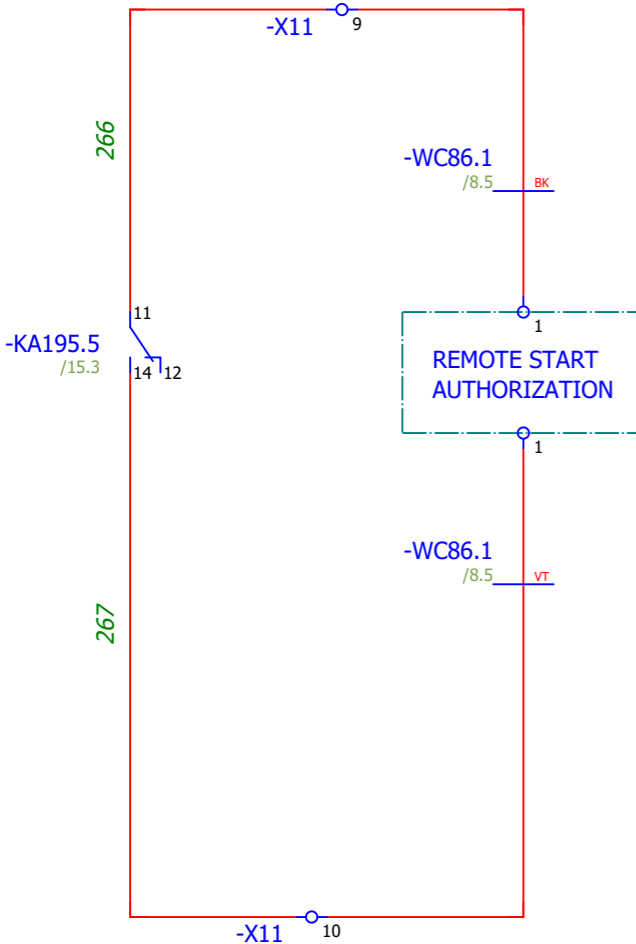
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Date	24/08/2023	EPLAN	SC TEHNIMARKET SRL	I/O	= CA1
Ed	Nelu	TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3			+ EAA
Appr		Replacement of	Replaced by		IEC_bas001
Modification	Date	Name	Original		Page 16
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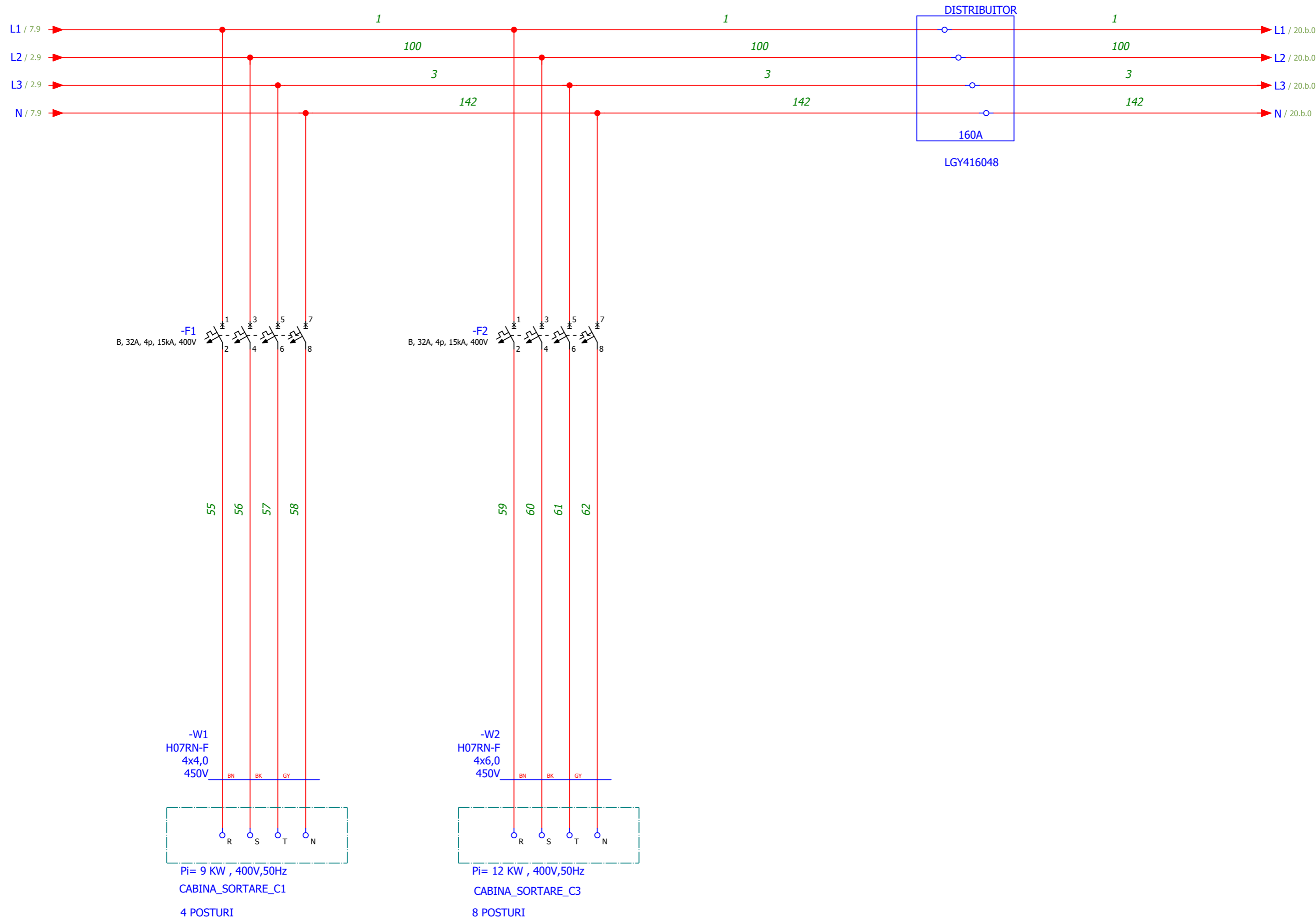
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		Appr		Replacement of				IEC_bas001	
Modification	Date	Name	Original	Replaced by				Page 17	
								Page 16 / 81	



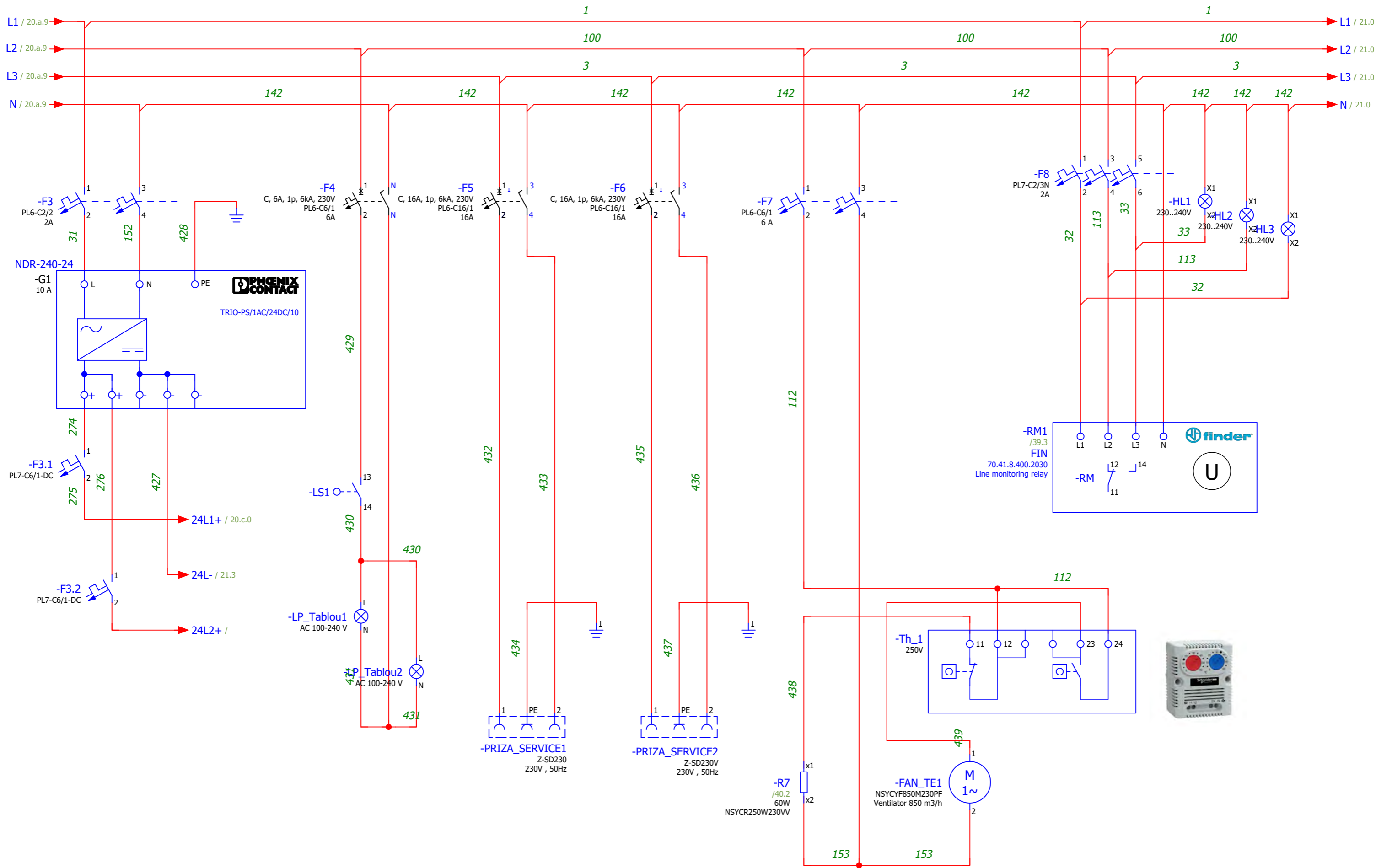
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			Appr		Replacement of	Replaced by			IEC_bas001	Page 18
Modification	Date	Name	Original							Page 17 / 81



			Date	24/08/2023	EPLAN		SC TEHNIMARKET SRL	REMOTE	= CA1	
			Ed	Nelu	TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3				+ EAA	
			Appr		Replacement of				IEC_bas001	
Modification	Date	Name	Original		Replaced by				Page 20	
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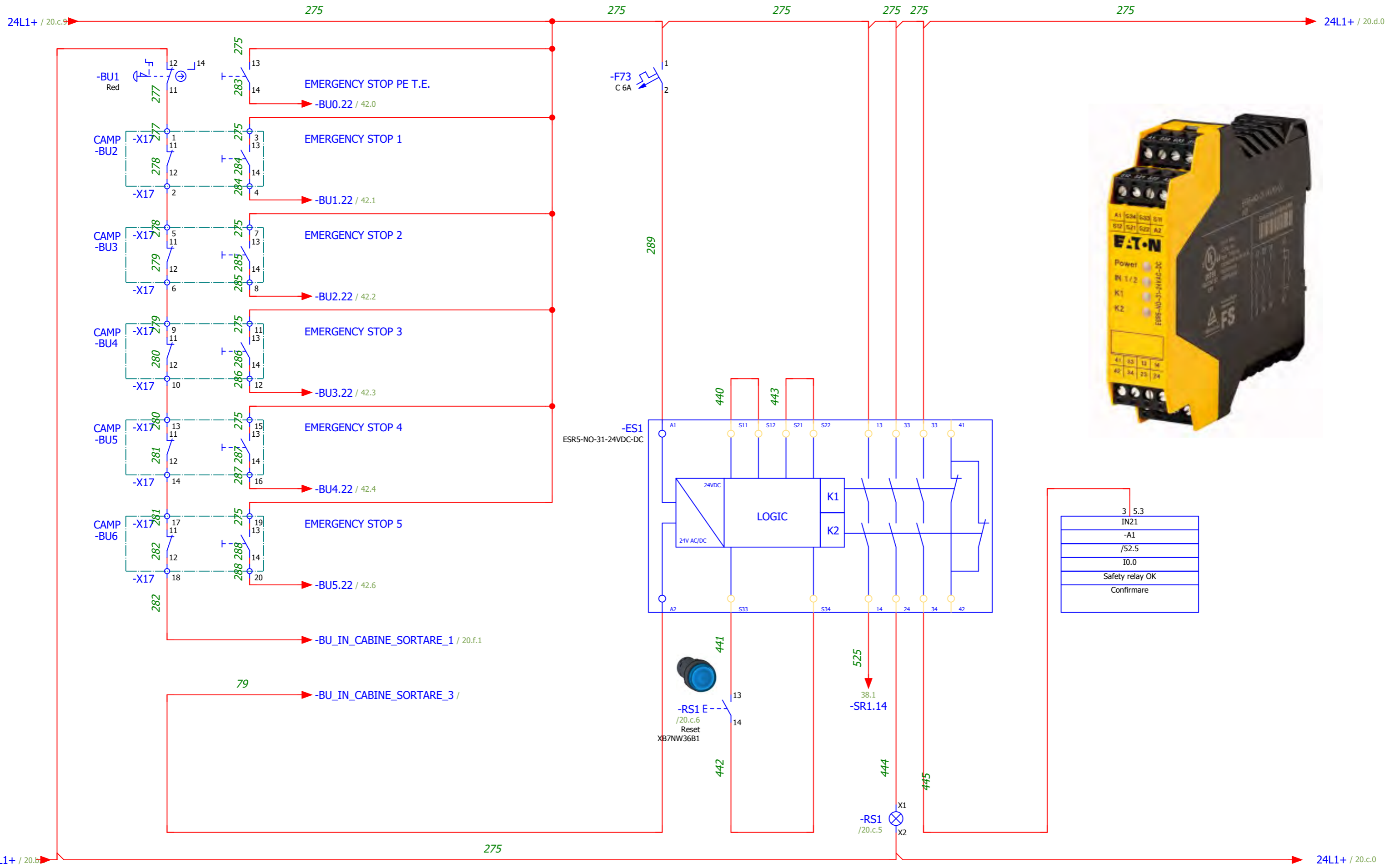
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		Ed	Nelu	TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3				+ EAA	
		Appr		Replacement of				IEC_bas001	
Modification	Date	Name	Original	Replaced by				Page 20 / 81	



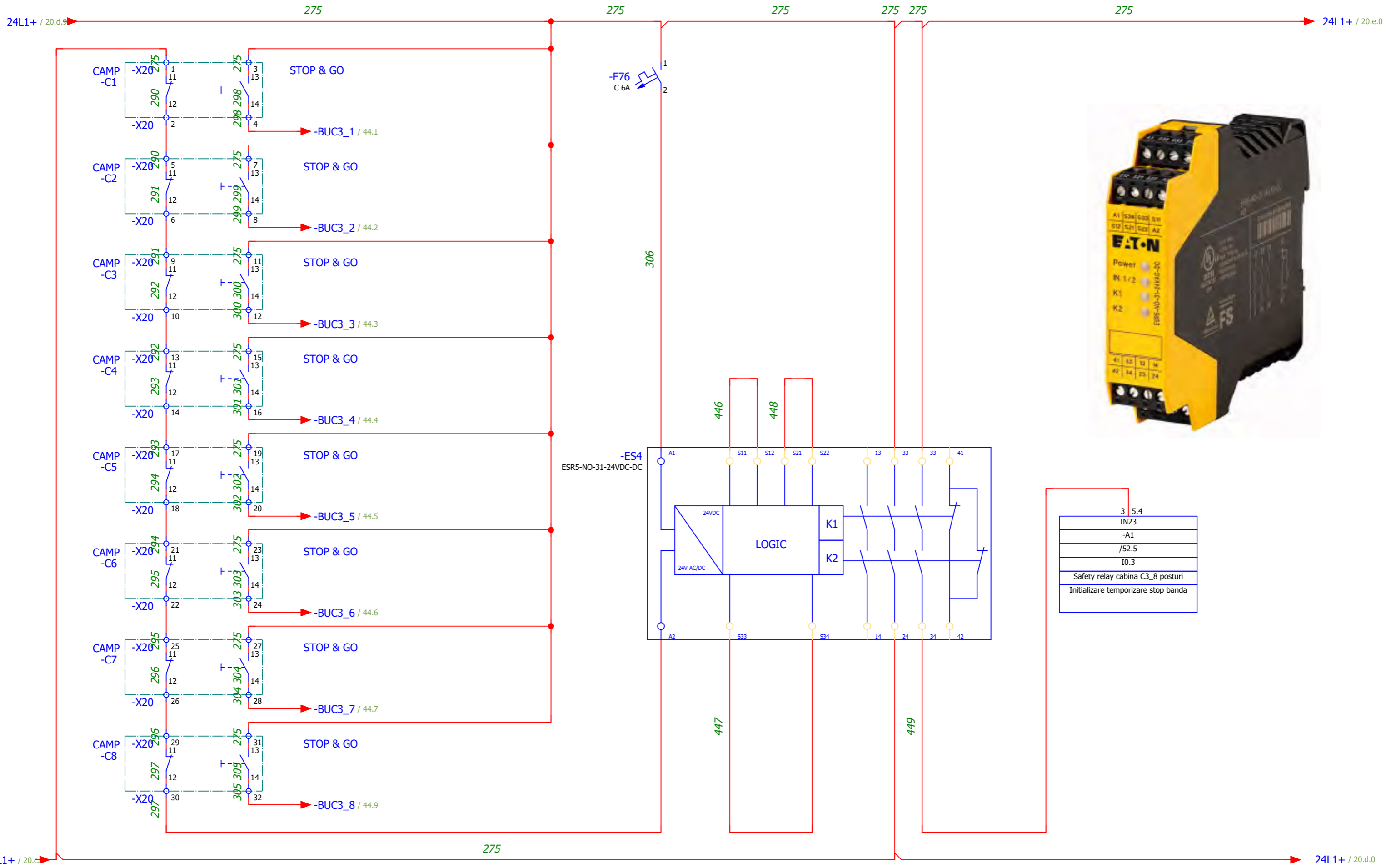
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20.c

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		Ed	Nelu	TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3						+ EAA
		Appr		Replacement of		Replaced by				Page 20.b
Modification	Date	Name	Original					IEC_bas001		Page 21 / 81

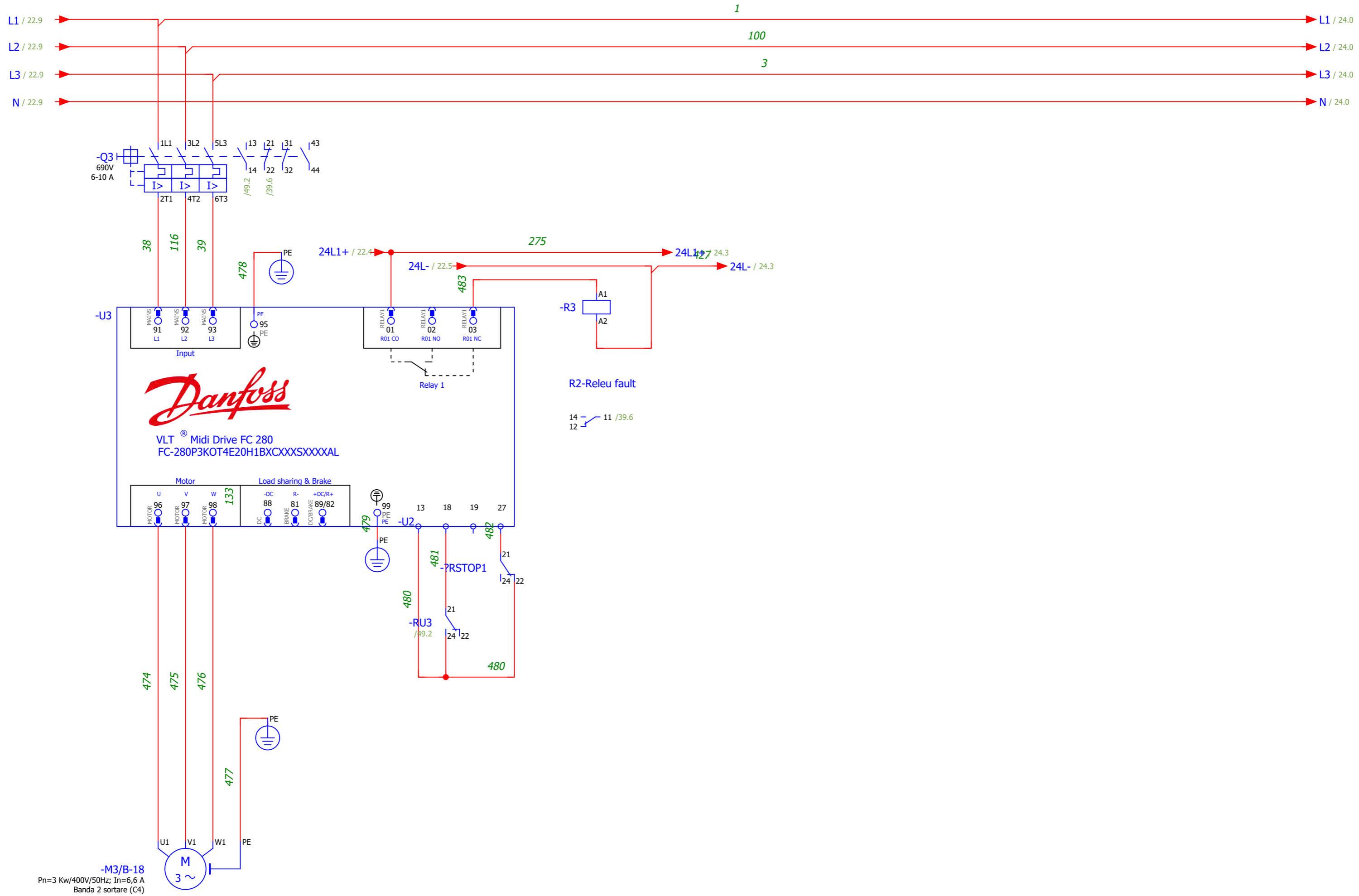


Date	24/08/2023	EPLAN	SC TEHNIMARKET SRL	Safety relay benzi	= CA1
Ed	Nelu	TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3			+ EAA
Appr		Replacement of	Replaced by		IEC_bas001
Modification	Date	Name	Original		Page 20.c
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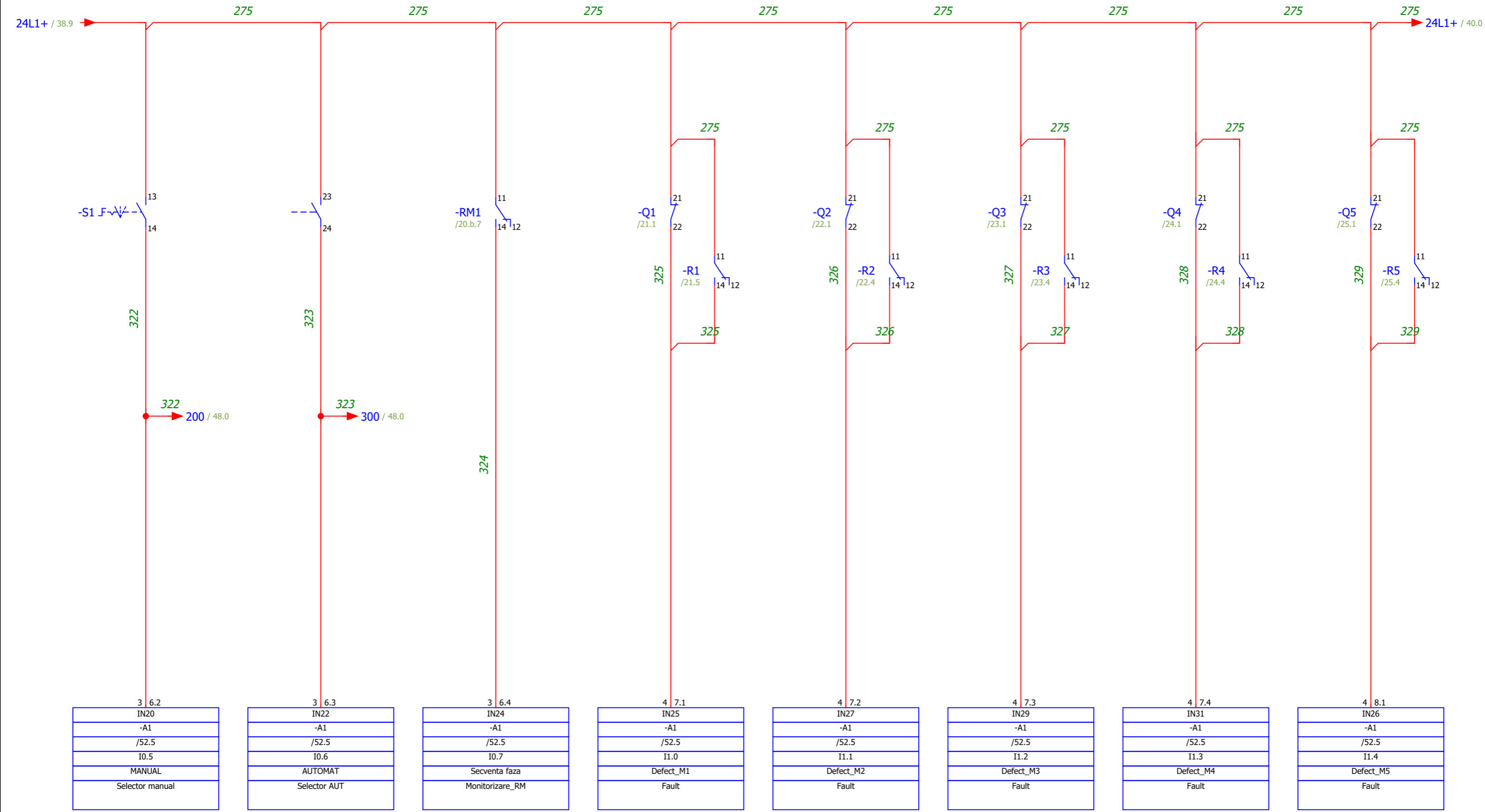


3	5.4
IN23	
-A1	
/52.5	
I0.3	
Safety relay cabina C3_8 posturi	
Initializare temporizare stop banda	

Date	24/08/2023	EPLAN	SC TEHNIMARKET SRL	Safety C3	= CA1
Ed	Nelu	TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3			+ EAA
Appr		Replacement of	Replaced by		
Modification	Date	Name	Original		IEC_bas001
					Page 20.d
					Page 23 / 81



			Date	24/08/2023	EPLAN	SC TEHNIMARKET SRL	M3/B-18	= CA1			
			Ed	Nelu						+ EAA	
			Appr								
Modification	Date	Name	Original		Replacement of	Replaced by		IEC_bas001	Page 23		
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Date	24/08/2023	EPLAN	SC TEHNIMARKET SRL	I/O	= CA1
Ed	Nelu	TE_Benzi_separator aeraulic_separator optic_cabina sortare	C1/C3		+ EAA
Appr		Replacement of	Replaced by		IEC_bas001
Modification	Date	Name	Original		Page 39
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24L1+ / 39.9 275 275 275 275 275 275 275 275 275 275 24L1+ / 41.0

-Q6 /26.1 -Q7 /27.1 -Q8 /28.2 -Q9 /29.1 -Q10 /30.1 -Q11 /31.1 -Q12 /32.1 -Q13 /33.1

-R7 /20.b.5

330

331

332

333

334

335

336

337

4	8.2
IN28	
-A1	
/52.5	
I1.5	
Defect_M6	
Fault	

4	8.3
IN30	
-A1	
/52.5	
I1.6	
Defect_M7	
Fault	

4	8.4
IN32	
-A1	
/52.5	
I1.7	
Defect_M8	
Fault	

1	1.1
IN1	
-A2	
/53.5	
I2.0	
Defect_M9	
Fault	

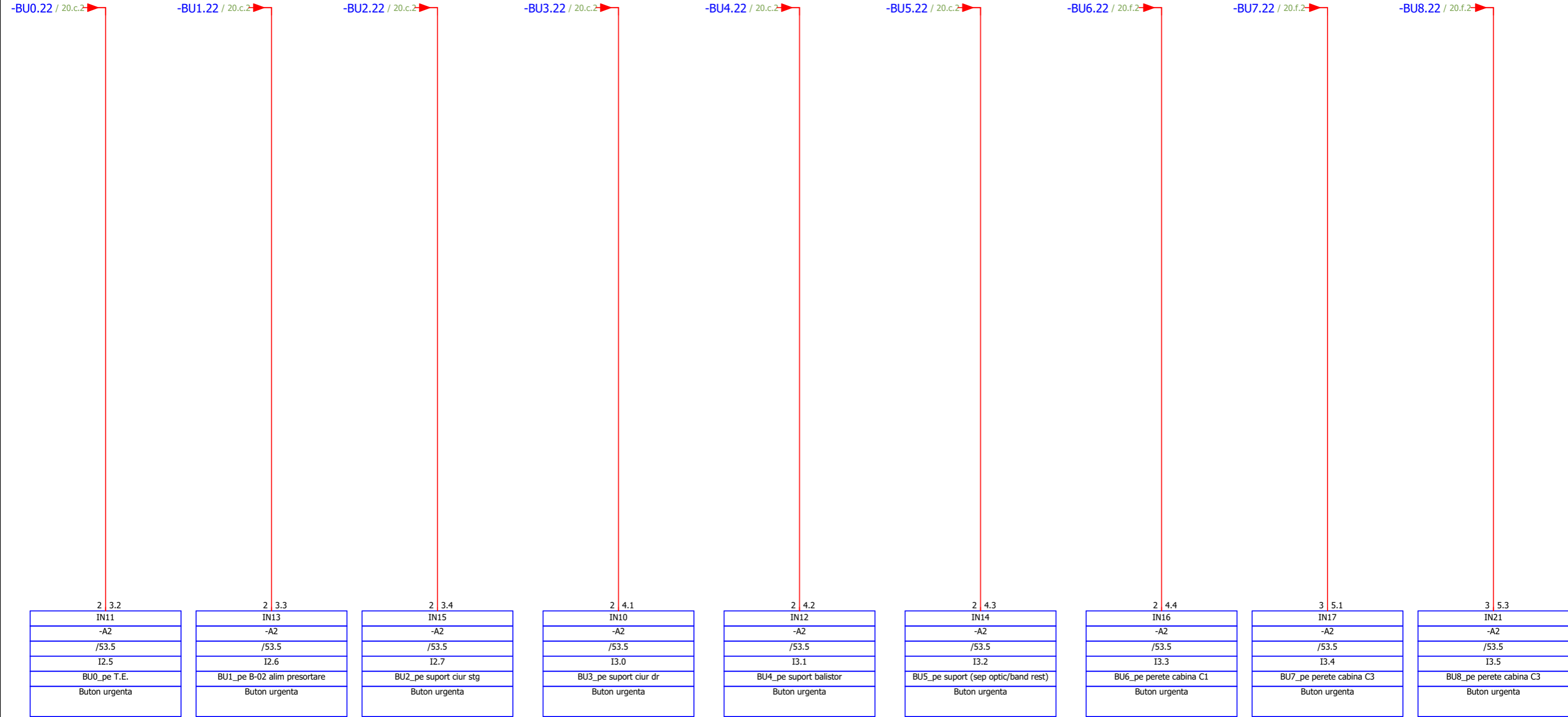
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IN3	
-A2	
/53.5	
I2.1	
Defect_M10	
Fault	

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IN5	
-A2	
/53.5	
I2.2	
Defect_M11	
Fault	

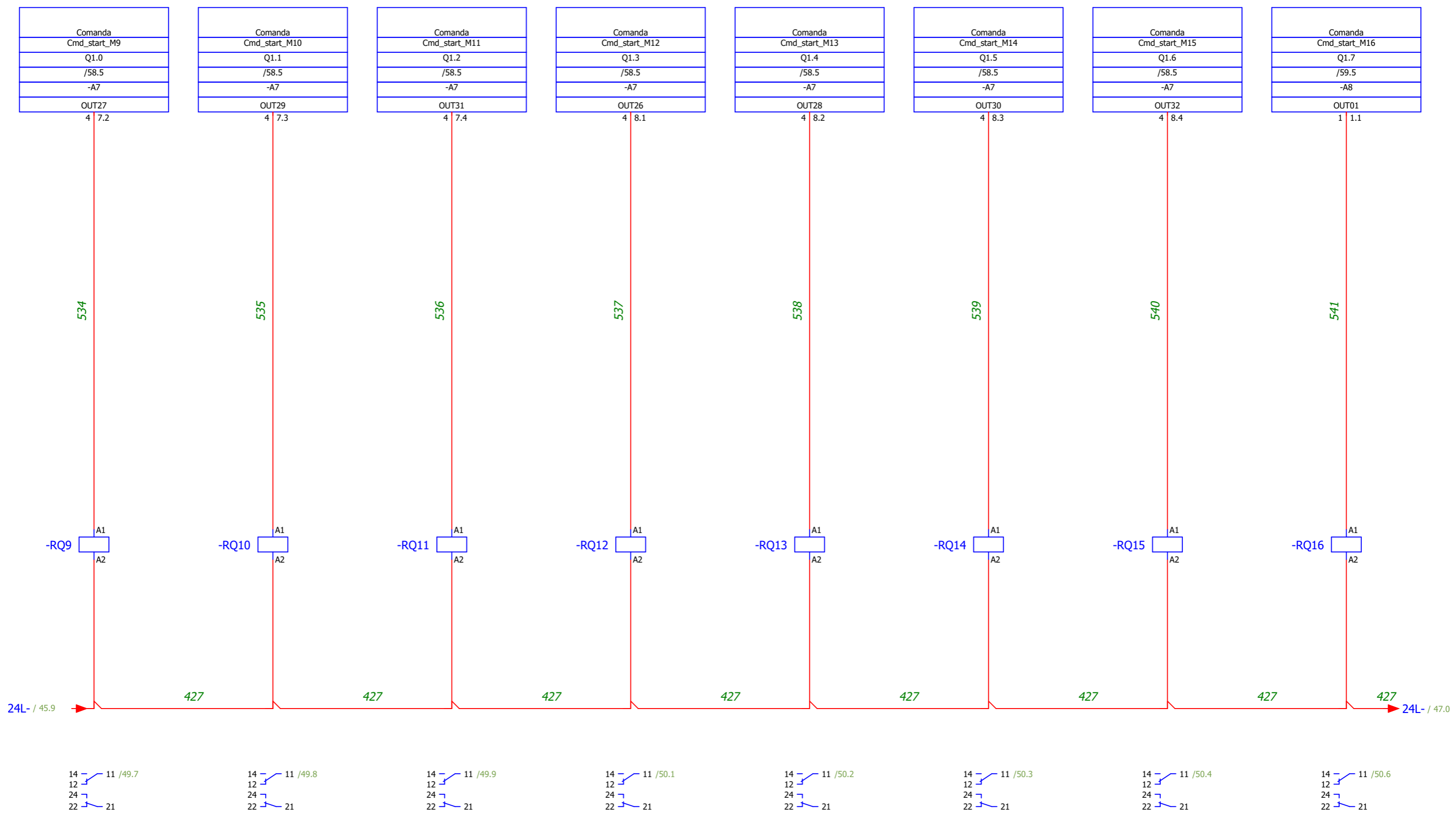
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IN7	
-A2	
/53.5	
I2.3	
Defect_M12	
Fault	

1	2.1
IN2	
-A2	
/53.5	
I2.4	
Defect_M13	
Fault	

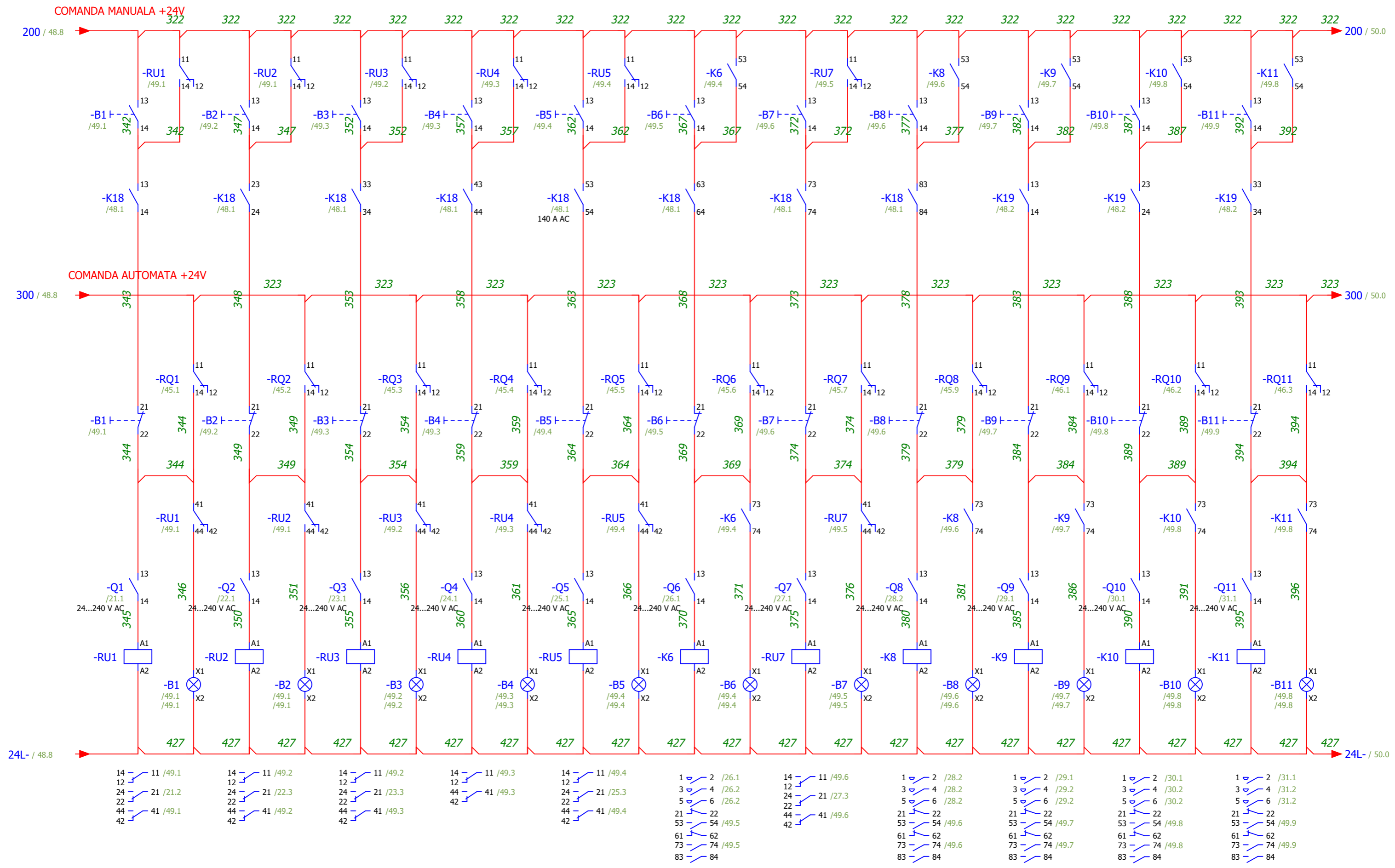
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Ed	Nelu						
Appr							
Modification	Date	Name	Original	Replacement of	Replaced by	IEC_bas001	Page 40
							Page 45 / 81



		Date	24/08/2023	EPLAN		SC TEHNIMARKET SRL	I/O_BU			= CA1
		Ed	Nelu	TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3						+ EAA
		Appr		Replacement of				IEC_bas001		Page 42
Modification	Date	Name	Original	Replaced by						Page 47 / 81

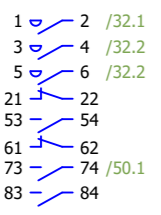
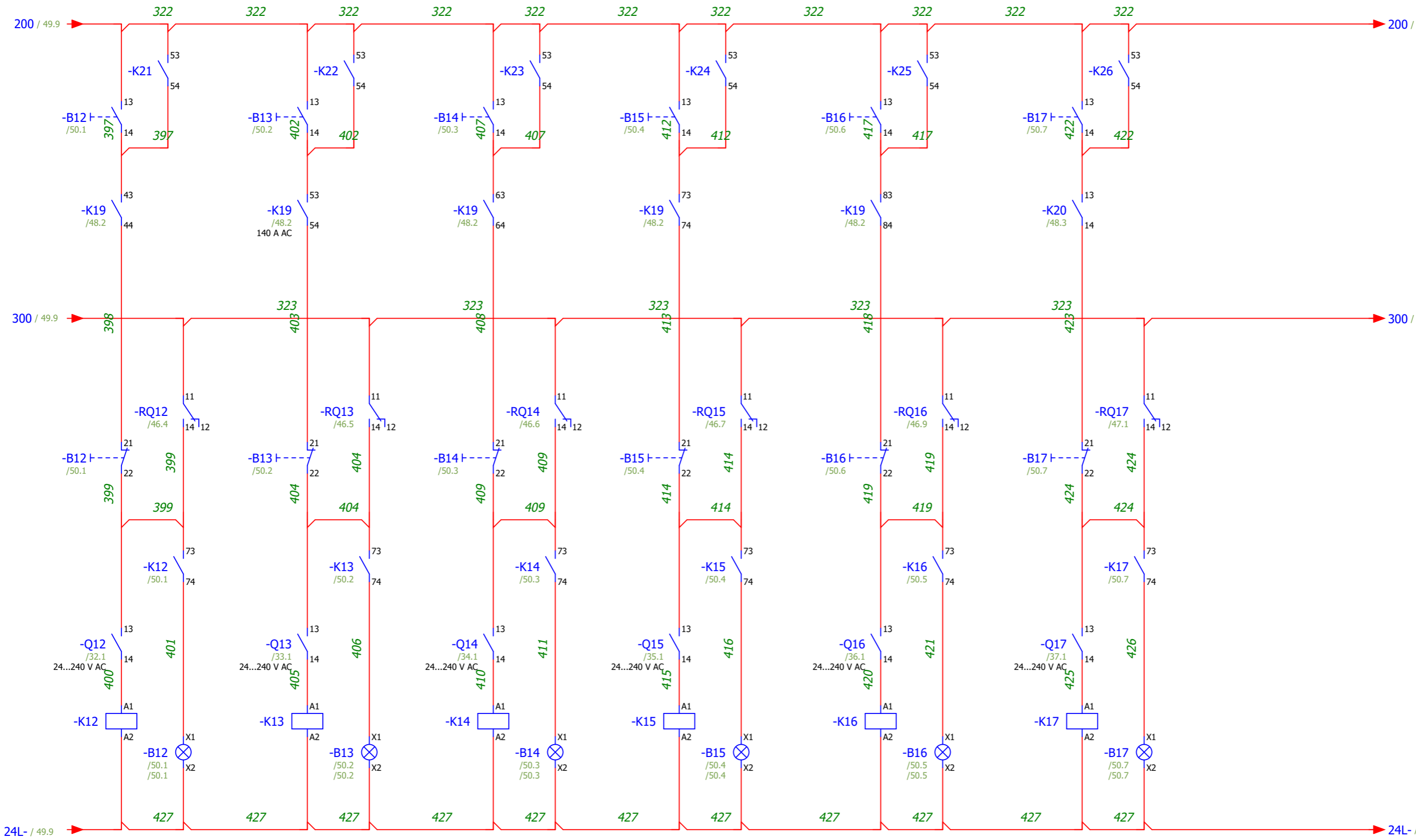


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		Ed	Nelu	TE_Benzi_separator aeraulic_separator optic_cabina sortare		C1/C3		+ EAA	
		Appr		Replacement of		Replaced by		IEC_bas001	
Modification	Date	Name	Original					Page 46	
								Page 51 / 81	

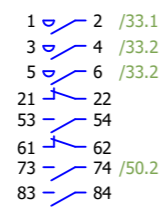


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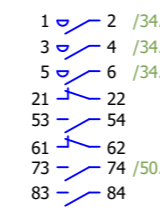
48				Date	24/08/2023	EPLAN	SC TEHNIMARKET SRL	C_da_MAN_AUT	= CA1	Page	49
				Ed	Nelu	TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3			+ EAA	Page	54 / 81
Modification	Date	Name	Original	Replacement of	Replaced by				IEC_bas001	Page	49



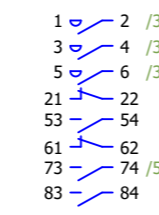
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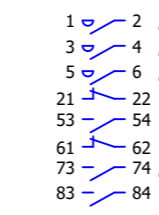
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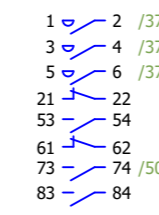
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Cmd_M15/B-30



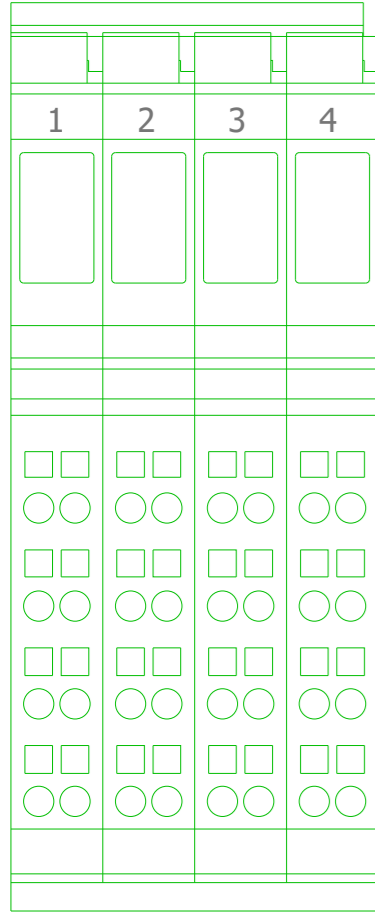
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Cmd_M17/B-32

			Date	24/08/2023	EPLAN		SC TEHNIMARKET SRL	C_da_MAN_AUT	= CA1	
			Ed	Nelu	TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3				+ EAA	
			Appr		Replacement of				IEC_bas001	
Modification	Date	Name	Original		Replaced by				Page 50	
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-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

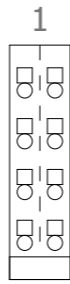
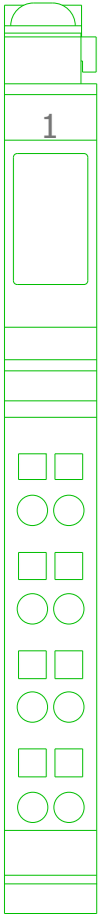
Buton urgenta	BU7_pe perete cabina C3	/42.8
Buton urgenta	BU8_pe perete cabina C3	/42.9
STOP & GO	Buton BUC1_1	/43.1
STOP & GO	Buton BUC1_2	/43.2
STOP & GO	Buton BUC1_3	/43.3
STOP & GO	Buton BUC1_4	/43.4
STOP & GO	Buton C3_1	/44.1

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					
Modification	Date	Name	Original		Replacement of	Replaced by			IEC_bas001	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

		Date	24/08/2023	EPLAN	SC TEHNIMARKET SRL	PLC_A8	= CA1	
		Ed	Nelu				+ EAA	
		Appr					IEC_bas001	
Modification	Date	Name	Original	Replacement of	Replaced by		Page 64 / 81	

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
-A1	1	Inline terminal	IB IL 24 DI 32/HD-PAC	PXC	PXC.2862835
-A2	1	Inline terminal	IB IL 24 DI 32/HD-PAC	PXC	PXC.2862835
-A7	1	Inline terminal	IB IL 24 DO 32/HD-PAC		PXC.2862822
-A8	1	Inline terminal	IB IL 24 DO 8/HD-ECO		PXC.2702793
-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
-B10.0	0				
-B10.0-S10.1	1	Emergency-stop pushbutton, non-illuminated, turn-release	M22-PVT	ETN	ETN.M22-PVT
-B10.0-S10.1	1	Contact element, 1N/O+1N/C, front mount, screw connection	M22-AK11	ETN	ETN.M22-AK11
-B10.0-S11.2	0				
-B10.0-S13.3	0				
-B10.0-S14.4	0				
-B10.0-S15.5	0				
-B10.0-S16.6	0				
-B10.0-S17.7	0				
-B10.0-S19.8	0				
-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
-B12	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
-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
-B14	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
-B15	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
-B16	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
-B17	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
-BU1	1	Emergency-stop pushbutton, non-illuminated, turn-release	M22-PVT	ETN	ETN.M22-PVT
-BU1	1	Contact element, 1N/O+1N/C, front mount, screw connection	M22-AK11	ETN	ETN.M22-AK11
-BU1	0				
-BU2	0				
-BU3	0				
-BU4	0				
-BU5	0				
-BU6	0				
-BU7	0				
-BU8	0				
-BU9	0				
-C1	0				
-C2	0				
-C3	0				
-C4	0				
-C5	0				
-C6	0				
-C7	0				
-C8	0				
-C9	0				
-C10	0				
-C11	0				
-C12	0				

Date	24/08/2023	EPLAN	SC TEHNIMARKET SRL	Parts list : -	= CA1
Ed	Nelu	TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3			+ EAA
Appr					
Modification	Date	Name	Original	Replaced by	IEC_bas001
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Parts list

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Device tag	Quantity	Designation	Type number	Supplier	Part number
-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
-ES4	1	Safety relay emergency stop/protective door, 24VDC/AC, 3 enabling paths	ESR5-NO-31-24VAC-DC	ETN	ETN.ESR5-NO-31-24VAC-DC
-ES5	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
-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
-F21.1	1	THERM. OVERLOAD RELAY 1.1 - 1.6 A	3RU2116-1AC0	SIE	SIE.3RU2116-1AC0
-F60.1	1	Surge voltage arrester (power supply systems)	VPU III R 24V/4KV AC/DC		WEI.1351580000
-F62	1	THERM. OVERLOAD RELAY 1.1 - 1.6 A	3RU2116-1AC0	SIE	SIE.3RU2116-1AC0
-F63	1	Surge voltage arrester (power supply systems)	VPU III R 24V/4KV AC/DC		WEI.1351580000
-F72.2	1	SITOP PSE200U	6EP1961-2BA21	SIE	SIE.6EP1961-2BA21
-F73	1	Over current switch, 6A, 1p, C-Char, AC	PXL-C6/1	ETN	ETN.PXL-C6/1
-F76	1	Over current switch, 6A, 1p, C-Char, AC	PXL-C6/1	ETN	ETN.PXL-C6/1
-F77	1	Over current switch, 6A, 1p, C-Char, AC	PXL-C6/1	ETN	ETN.PXL-C6/1
-FAN_TE1	0				
-G1	1	Power supply unit	TRIO-PS/1AC/24DC/10	PXC	PXC.2866323
-H64.1	0				
-H65.2	0				
-H66.3	0				
-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
-K6	1	Contact, 3p+1N/C, 4kW/400V/AC3	DILM9-01(24VDC)	ETN	ETN.DILM9-01(24VDC)
-K6	1	Auxiliary contact module, 3N/O+1N/C, surface mounting, screw connection	DILA-XHI31	ETN	ETN.DILA-XHI31
-K8	1	Contact, 3p+1N/C, 4kW/400V/AC3	DILM9-01(24VDC)	ETN	ETN.DILM9-01(24VDC)
-K8	1	Auxiliary contact module, 3N/O+1N/C, surface mounting, screw connection	DILA-XHI31	ETN	ETN.DILA-XHI31
-K9	1	Contact, 3p+1N/C, 4kW/400V/AC3	DILM9-01(24VDC)	ETN	ETN.DILM9-01(24VDC)
-K9	1	Auxiliary contact module, 3N/O+1N/C, surface mounting, screw connection	DILA-XHI31	ETN	ETN.DILA-XHI31
-K10	1	Contact, 3p+1N/C, 4kW/400V/AC3	DILM9-01(24VDC)	ETN	ETN.DILM9-01(24VDC)
-K10	1	Auxiliary contact module, 3N/O+1N/C, surface mounting, screw connection	DILA-XHI31	ETN	ETN.DILA-XHI31
-K11	1	Contact, 3p+1N/C, 4kW/400V/AC3	DILM9-01(24VDC)	ETN	ETN.DILM9-01(24VDC)
-K11	1	Auxiliary contact module, 3N/O+1N/C, surface mounting, screw connection	DILA-XHI31	ETN	ETN.DILA-XHI31
-K12	1	Contact, 3p+1N/C, 4kW/400V/AC3	DILM9-01(24VDC)	ETN	ETN.DILM9-01(24VDC)
-K12	1	Auxiliary contact module, 3N/O+1N/C, surface mounting, screw connection	DILA-XHI31	ETN	ETN.DILA-XHI31
-K13	1	Contact, 3p+1N/C, 4kW/400V/AC3	DILM9-01(24VDC)	ETN	ETN.DILM9-01(24VDC)
-K13	1	Auxiliary contact module, 3N/O+1N/C, surface mounting, screw connection	DILA-XHI31	ETN	ETN.DILA-XHI31
-K14	1	Contact, 3p+1N/C, 4kW/400V/AC3	DILM9-01(24VDC)	ETN	ETN.DILM9-01(24VDC)
-K14	1	Auxiliary contact module, 3N/O+1N/C, surface mounting, screw connection	DILA-XHI31	ETN	ETN.DILA-XHI31
-K15	1	Contact, 3p+1N/C, 4kW/400V/AC3	DILM9-01(24VDC)	ETN	ETN.DILM9-01(24VDC)
-K15	1	Auxiliary contact module, 3N/O+1N/C, surface mounting, screw connection	DILA-XHI31	ETN	ETN.DILA-XHI31
-K16	1	Contact, 3p+1N/C, 4kW/400V/AC3	DILM9-01(24VDC)	ETN	ETN.DILM9-01(24VDC)
-K16	1	Auxiliary contact module, 3N/O+1N/C, surface mounting, screw connection	DILA-XHI31	ETN	ETN.DILA-XHI31
-K17	1	Contact, 3p+1N/C, 4kW/400V/AC3	DILM9-01(24VDC)	ETN	ETN.DILM9-01(24VDC)
-K17	1	Auxiliary contact module, 3N/O+1N/C, surface mounting, screw connection	DILA-XHI31	ETN	ETN.DILA-XHI31
-K18	1	Contact TeSys CAD-50 - 5 NO + 0 NC - 10A - 24 VDC,screw-clamps terminals	CAD 5NO 24VDC	SE	SE.CAD50BD
-K18	1	Auxiliary contact block, TeSys Deca, 4NO, front mounting, screw clamp terminals	LADN40	SE	SE.LADN40
-K19	1	Contact TeSys CAD-50 - 5 NO + 0 NC - 10A - 24 VDC,screw-clamps terminals	CAD 5NO 24VDC	SE	SE.CAD50BD
-K19	1	Auxiliary contact block, TeSys Deca, 4NO, front mounting, screw clamp terminals	LADN40	SE	SE.LADN40
-K20	1	Contact TeSys CAD-50 - 5 NO + 0 NC - 10A - 24 VDC,screw-clamps terminals	CAD 5NO 24VDC	SE	SE.CAD50BD

Date	24/08/2023	EPLAN	SC TEHNIMARKET SRL	Parts list : ETN.ESR5-NO-31-24VAC-DC - SE.CAD50BD	= CA1
Ed	Nelu	TE_Benzi_separator aeraulic_separator optic_cabina sortare	C1/C3		+ EAA
Appr		Replacement of	Replaced by		IEC_bas001
Modification	Date	Name	Original		Page 60.a
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Parts list

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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

60.a

60.c

Date	24/08/2023	EPLAN	SC TEHNIMARKET SRL	Parts list : SE.LADN40 - SE.GV2ME14	= CA1
Ed	Nelu				+ EAA
Appr		TE_Benzi_separator aeraulic_separator optic_cabina sortare	C1/C3		
Modification	Date	Name	Original	Replaced by	IEC_bas001
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Parts list

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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

60.b

60.d

Date	24/08/2023	EPLAN	SC TEHNIMARKET SRL	Parts list : SE.GVAE11 - SIE.3RV2901-2B	= CA1
Ed	Nelu				+ EAA
Appr		TE_Benzi_separator aeraulic_separator optic_cabina sortare	C1/C3		
Modification	Date	Name	Original	Replaced by	Page 60.c
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Parts list

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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

60.c

60.e

Date	24/08/2023	EPLAN	SC TEHNIMARKET SRL	Parts list : SIE.3RV2011-1FA20 - PXC.2903308	= CA1
Ed	Nelu	TE_Benzi_separator aeraulic_separator optic_cabina sortare	C1/C3		+ EAA
Appr		Replacement of	Replaced by		IEC_bas001
Modification	Date	Name	Original		Page 60.d
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Parts list

Device tag	Quantity	Designation	Type number	Supplier	Part number
-RSTOP2	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-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
-RU7	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
-S86.1	1	Emergency-stop pushbutton, non-illuminated, turn-release	M22-PVT	ETN	ETN.M22-PVT
-S86.1	1	Contact element, 1N/O+1N/C, front mount, screw connection	M22-AK11	ETN	ETN.M22-AK11
-S86.1	0				
-S132.1	0				
-T11.1	0				
-T60.1	0				
-Th_1	1	Double Thermostat	NSYCCOTH	SE	SE.NSYCCOTH
-U1	1				DAN.FC-302P4K0T5E20H1BGXXXXXXXALB8CXXXXD0
-U2	0				
-U3	0				
-U4	0				
-U5	0				
-U7	0				
-U35.1	1	SIRIUS SOFT STARTER, S3, 106A, 55KW/400V, 40 DEGR.,	3RW4047-2BB04	SIE	SIE.3RW4047-2BB04
-V71.1	0				
-X16.2	0				
-Y41.1	0				
-Y42.2	0				
-Y43.3	0				

Date	24/08/2023	EPLAN	SC TEHNIMARKET SRL	Parts list : PXC.2903308 -	= CA1	
Ed	Nelu				+ EAA	
Appr		TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3				
Modification	Date	Name	Original	Replacment of	Replaced by	IEC_bas001
						Page 60.e
						Page 70 / 81

Cable diagram

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			

		Date	24/08/2023	EPLAN		SC TEHNIMARKET SRL		Cable diagram =CA1+EAA-W1		= CA1	
		Ed	Nelu	TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3						+ EAA	
Modification	Date	Name	Original	Replacement of	Replaced by			IEC_bas001		Page	61
										Page	71 / 81

Cable diagram

Cable name =CA1+EAA-W2		Cable type H07RN-F		No. of conductors 4		Cross-section 6,0		Cable length		Function text	
Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text			
				GYE							
	/20.a.4		R	BN	-F2	2	/20.a.4				
	/20.a.4		S	BK	-F2	4	/20.a.4				
	/20.a.4		T	GY	-F2	6	/20.a.4				
	/20.a.4		N		-F2	8	/20.a.4				

Cable diagram

F09_001

Cable name =CA1+EAA-WC10.1		Cable type YSLY-JZ 16X1 GR		No. of conductors 16		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		
				GNYE						
				1						
	/17.1	-B10.0-X10	1	2	-KS81.1	41	/8.3			
	/17.1	-B10.0-X10	2	3	-S86.1	11	/8.5			CABINET EMERGENCY STOP
	/17.1	-B10.0-X10	4	4	-S86.1	14	/8.7			
	/17.2	-B10.0-X10	6	5	-A1	2:4.1	/12.5			REMOTE
	/17.2	-B10.0-X10	7	6	-KA193.3	14	/17.2			
	/17.3	-B10.0-X10	8	7	-KA203.3	A2	/16.0			S.V.3 CLEANING
	/17.3	-B10.0-X10	10	8	-A1	2:4.2	/12.6			START CONDENSER
	/17.4	-B10.0-X10	11	9	-KA194.4	14	/17.4			
	/17.5	-B10.0-X10	14	10	-A1	2:4.3	/12.7			STOP OF THE MOTOR
	/17.6	-B10.0-X10	16	11	-A1	2:4.4	/12.9			SAFETY SWITCH
	/17.1	-B10.0-X10	1	2	-KA193.3	11	/17.2			
	/17.9	-B10.0-X10	28		-KS81.1	IN1	/8.1			
	/17.9	-B10.0-X10	30		-KS81.1	IN2	/8.2			
	/17.7	-B10.0-X10	20		-A1	3:5.1	/13.0			SAFETY SWITCH
	/17.8	-B10.0-X10	24		-A1	3:5.2	/13.2			=

Date	24/08/2023	EPLAN	SC TEHNIMARKET SRL	Cable diagram =CA1+EAA-WC10.1	= CA1	Page	63
Ed	Nelu	TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3			+ EAA	Page	73 / 81
Appr		Replacement of	Replaced by		IEC_bas001	Page	
Modification	Date	Name	Original				

Cable diagram

F09_001

Cable name =CA1+EAA-WC41.1	Cable type		No. of conductors		Cross-section	Cable length		Function text	
	Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text
					GNYE				
					1				
					2				
					3				
	/5.2	-X4	1	BK	-Y41.1		/5.2		
	/5.2	-X4	2	BN	-Y41.1		/5.2		
	/5.2	-X4	2	BN	-Y42.2		/5.3		
	/5.4	-X4	4	BU	-Y43.3		/5.4		
	/5.3	-X4	3	GY	-Y42.2		/5.3		

Date	24/08/2023	EPLAN	SC TEHNIMARKET SRL	Cable diagram =CA1+EAA-WC41.1	= CA1
Ed	Nelu				+ EAA
Appr		TE_Benzi_separator aeraulic_separator optic_cabina sortare	C1/C3		
Modification	Date	Name	Original	Replaced by	IEC_bas001
					Page 64
					Page 74 / 81

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						

Modification		Date	Name	Original	Replacement of	Replaced by	SC TEHNIMARKET SRL		Cable diagram =CA1+EAA-WC86.1		= CA1 + EAA		Page 65
		24/08/2023			EPLAN						IEC_bas001		Page 75 / 81
					TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3								

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	
				9				
				10				
				11				

Cable diagram

F09_001

Cable name =CA1+EAA-WP21.1		Cable type H07RN-F		No. of conductors 4		Cross-section 2,5		Cable length		Function text	
Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text			
	/3.2	-X1	Pe	GNYE	-M21.1	PE	/3.1	SUPPLY FAN 1			
	/3.1	-X1	1	BN	-M21.1	U1	/3.1	=			
	/3.1	-X1	2	BK	-M21.1	V1	/3.1	=			
	/3.1	-X1	3	GY	-M21.1	W1	/3.1	=			

Date	24/08/2023	EPLAN	SC TEHNIMARKET SRL	Cable diagram =CA1+EAA-WP21.1	= CA1
Ed	Nelu	TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3			+ EAA
Appr					IEC_bas001
Modification	Date	Name	Original	Replaced by	Page 67 / 81

Cable diagram

Cable name =CA1+EAA-WP25.3	Cable type H07RN-F		No. of conductors 4		Cross-section 2,5	Cable length		Function text
Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text
	/3.6	-X1	Pe	GNYE	-M27.3	PE	/3.6	CONDENSER ROTARY MOTOR
				BN				
				BK				
				GY				
	/3.6	-X1	7		-M27.3	U1	/3.6	CONDENSER ROTARY MOTOR
	/3.6	-X1	8		-M27.3	V1	/3.6	=
	/3.6	-X1	9		-M27.3	W1	/3.6	=

Date	24/08/2023	EPLAN	SC TEHNIMARKET SRL	Cable diagram =CA1+EAA-WP25.3	= CA1
Ed	Nelu	TE_Benzi_separator aeraulic_separator optic_cabina sortare C1/C3			+ EAA
Appr					
Modification	Date	Name	Original	Replaced by	IEC_bas001
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Cable diagram

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Cable name =CA1+EAA-WP35.1	Cable type H07RN-F		No. of conductors 4		Cross-section 16	Cable length		Function text
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	=
	/4.4	-X3	Pe	GNYE	-M35.1	PE	/4.4	=

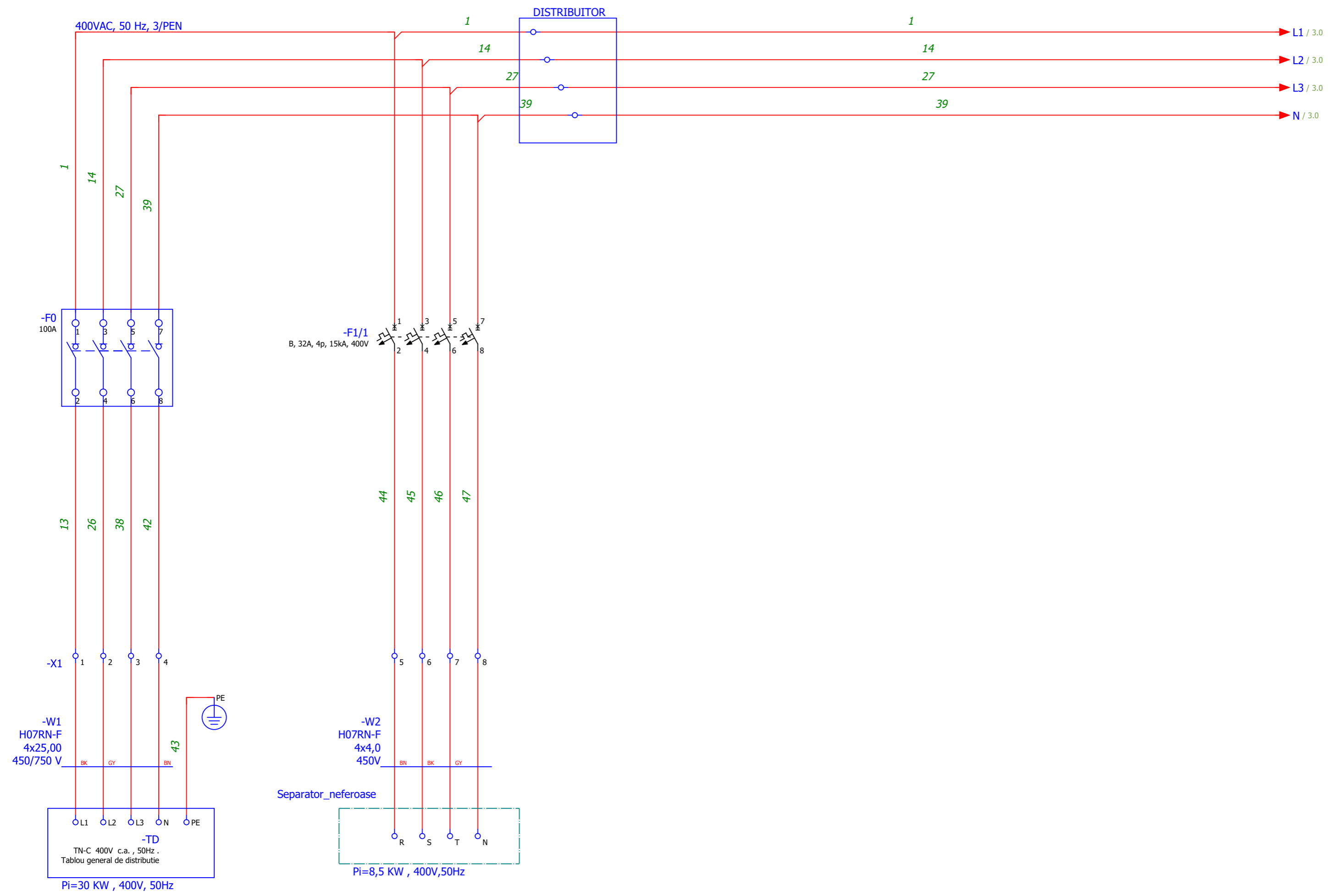


Sc TEHNIMARKET Srl

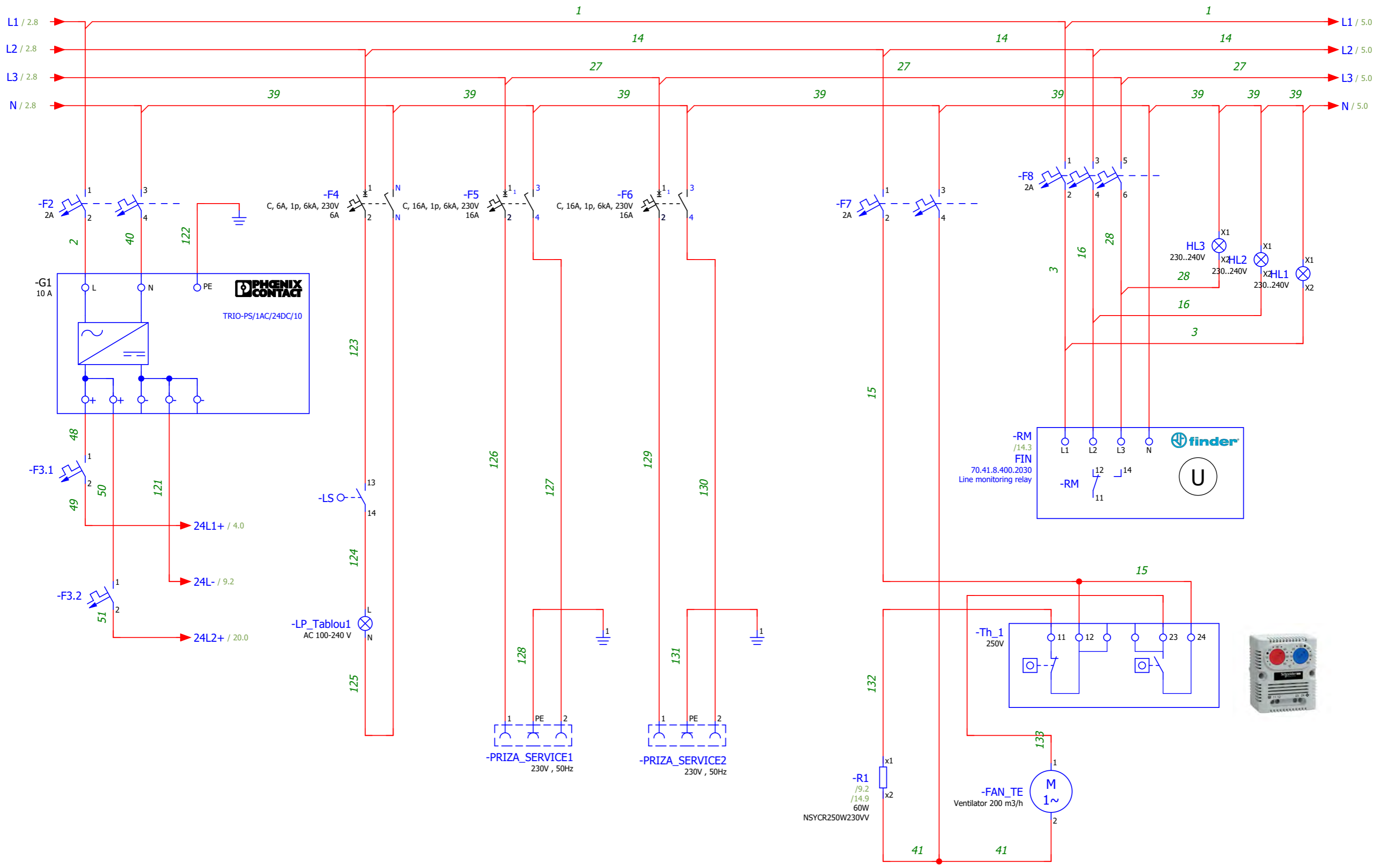
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Company / customer	Statie sortare ROIESTI		
Project description	TE_evacuare si compactare REST		
Job number	IEC_bas001		
Commission	EPLAN		
Manufacturer (company)	Sc TEHNIMARKET Srl		
Path	EPLAN sample project		
Project name	TE_4_Cap_presare		
Make			
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

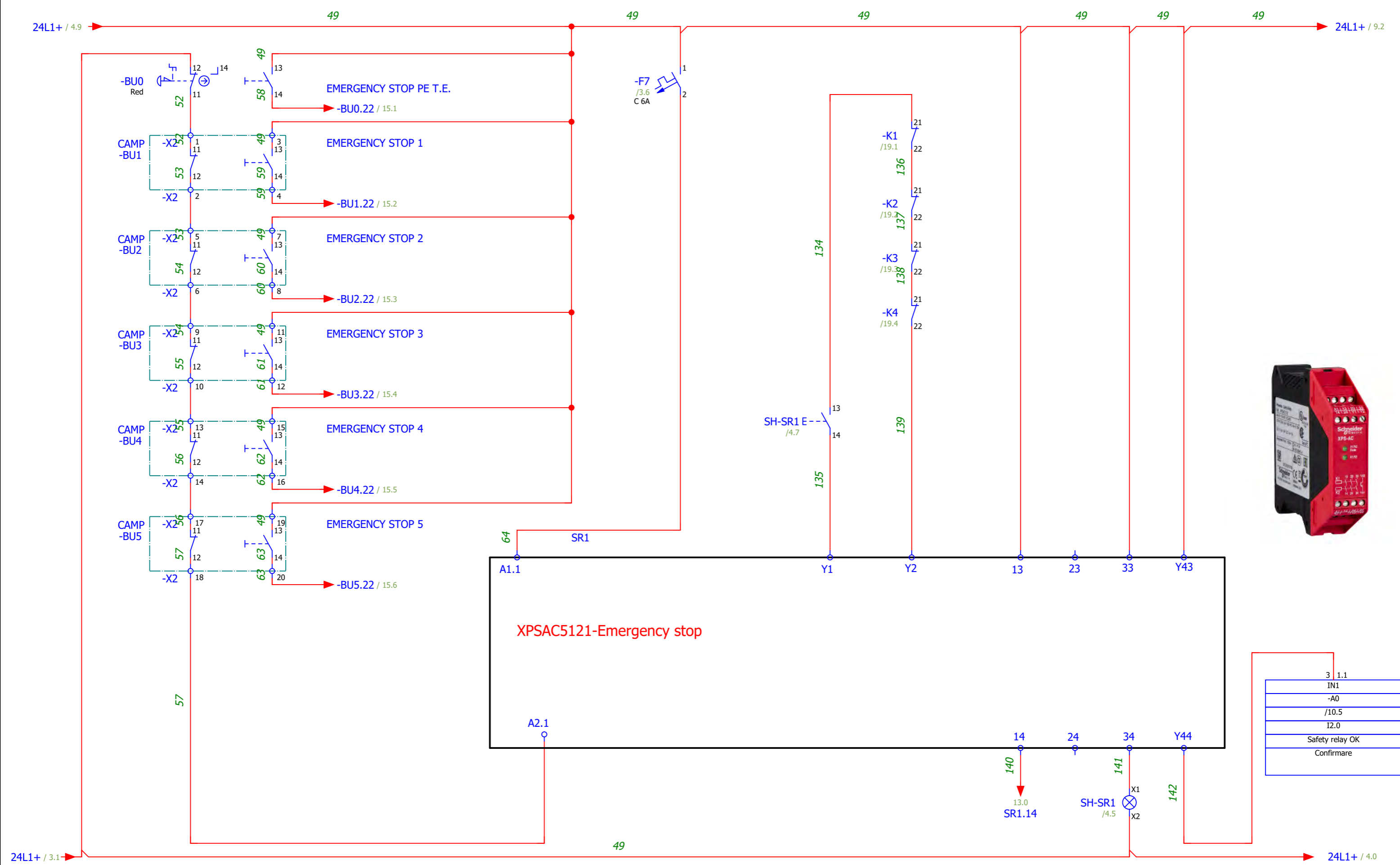
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			Ed	EPL				+ EAA		
			Appr		TE_evacuare si compactare REST					
Modification	Date	Name	Original		Replacement of	Replaced by			IEC_bas001	Page 1 / 40



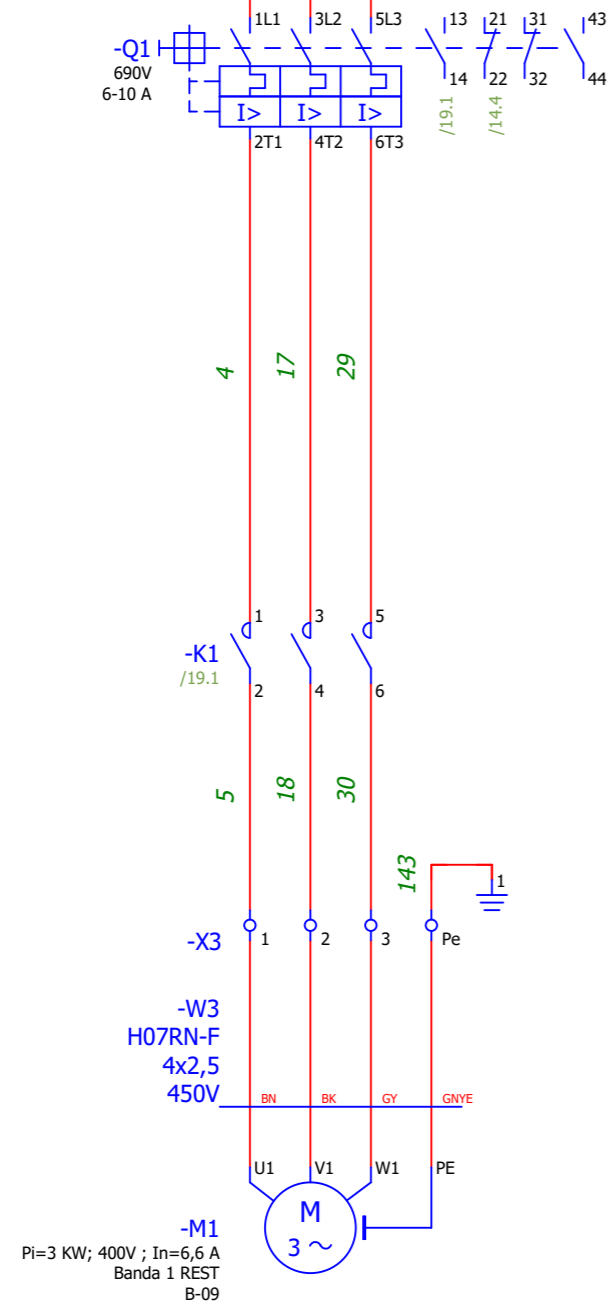
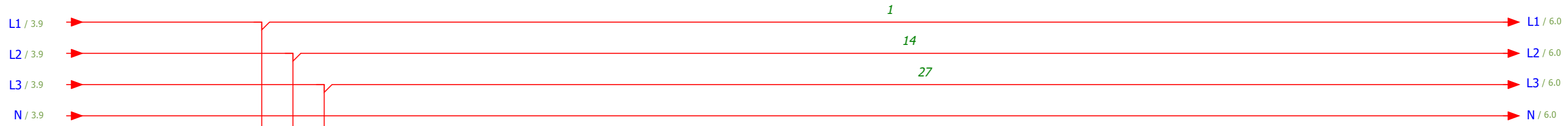
			Date	07/04/2023	EPLAN		Sc TEHNIMARKET Srl		Alim		= CA1	
			Ed	Nelu	TE_evacuare si compactare REST						+ EAA	
			Appr		Replacement of		Replaced by				Page 2 / 40	
Modification			Date	Name	Original				IEC_bas001		Page 2 / 40	



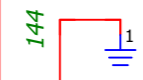
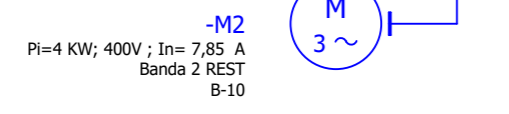
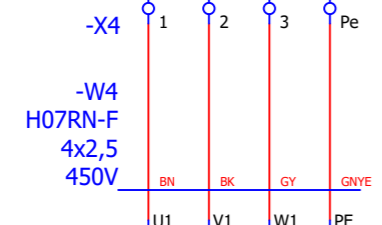
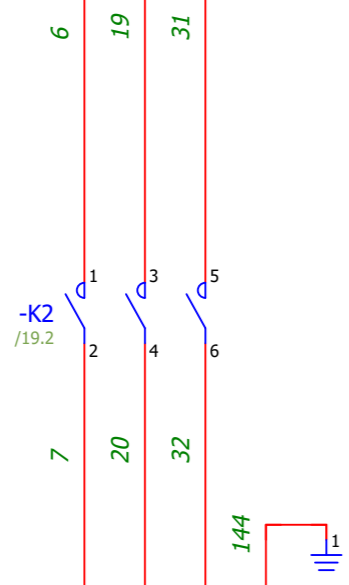
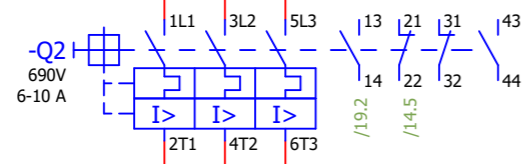
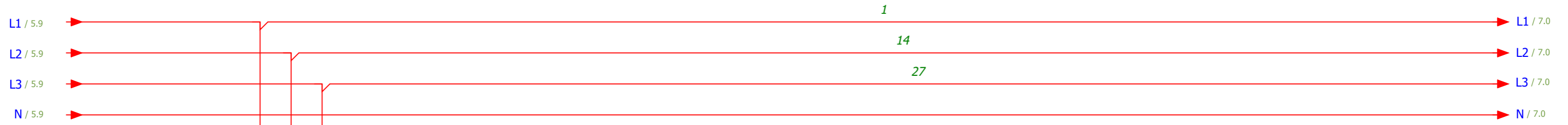
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		Ed	Nelu	TE_evacuare si compactare REST						+ EAA	
		Appr		Replacement of		Replaced by				IEC_bas001	
Modification	Date	Name	Original							Page 3 / 40	



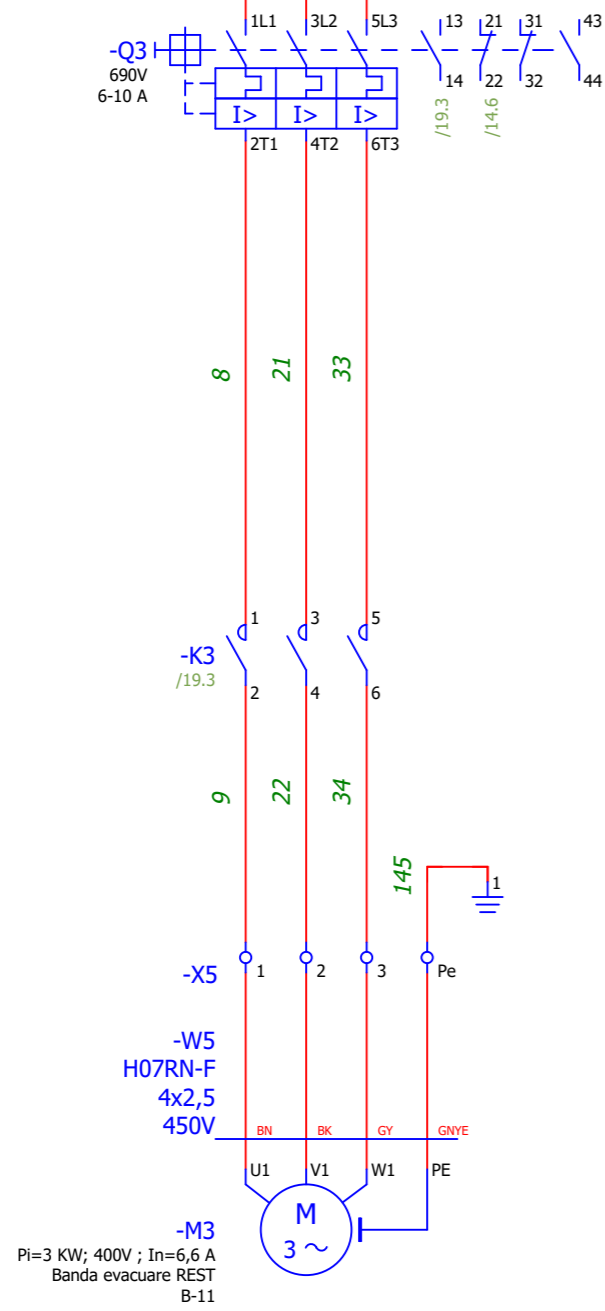
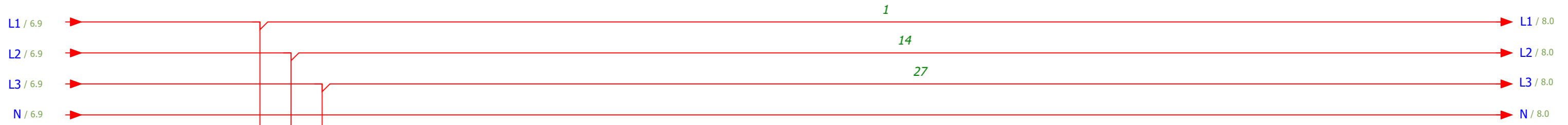
3	1.1
IN1	
-A0	
/10.5	
I2.0	
Safety relay OK	
Confirmare	



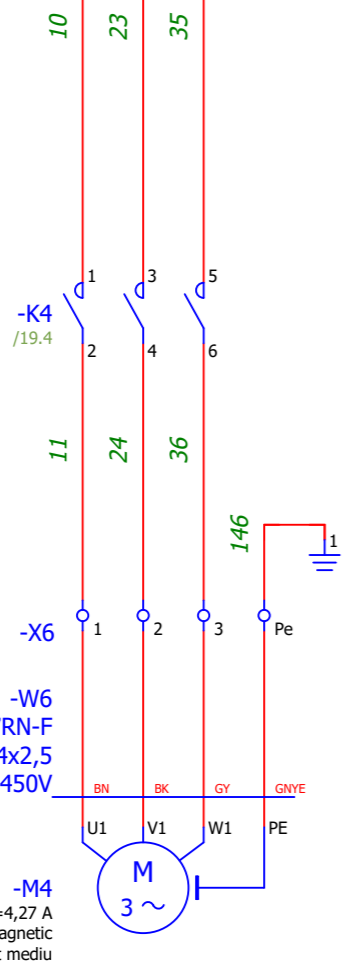
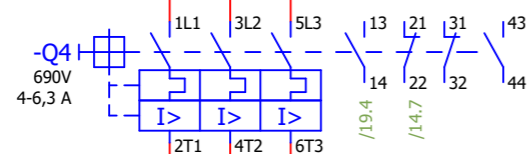
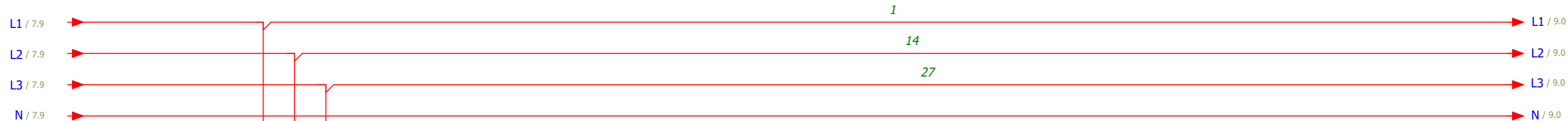
4				6	
Date	07/04/2023	EPLAN		Sc TEHNIMARKET Srl	Alim_M1
Ed	Nelu	TE_evacuare si compactare REST			
Appr		Replacement of	Replaced by		
Modification	Date	Name	Original	IEC_bas001	Page 5 / 40



			Date	07/04/2023	EPLAN		Sc TEHNIMARKET Srl	Alim_M2	= CA1	
			Ed	Nelu	TE_evacuare si compactare REST				+ EAA	
			Appr		Replacement of				IEC_bas001	
Modification	Date	Name	Original		Replaced by				Page 6	
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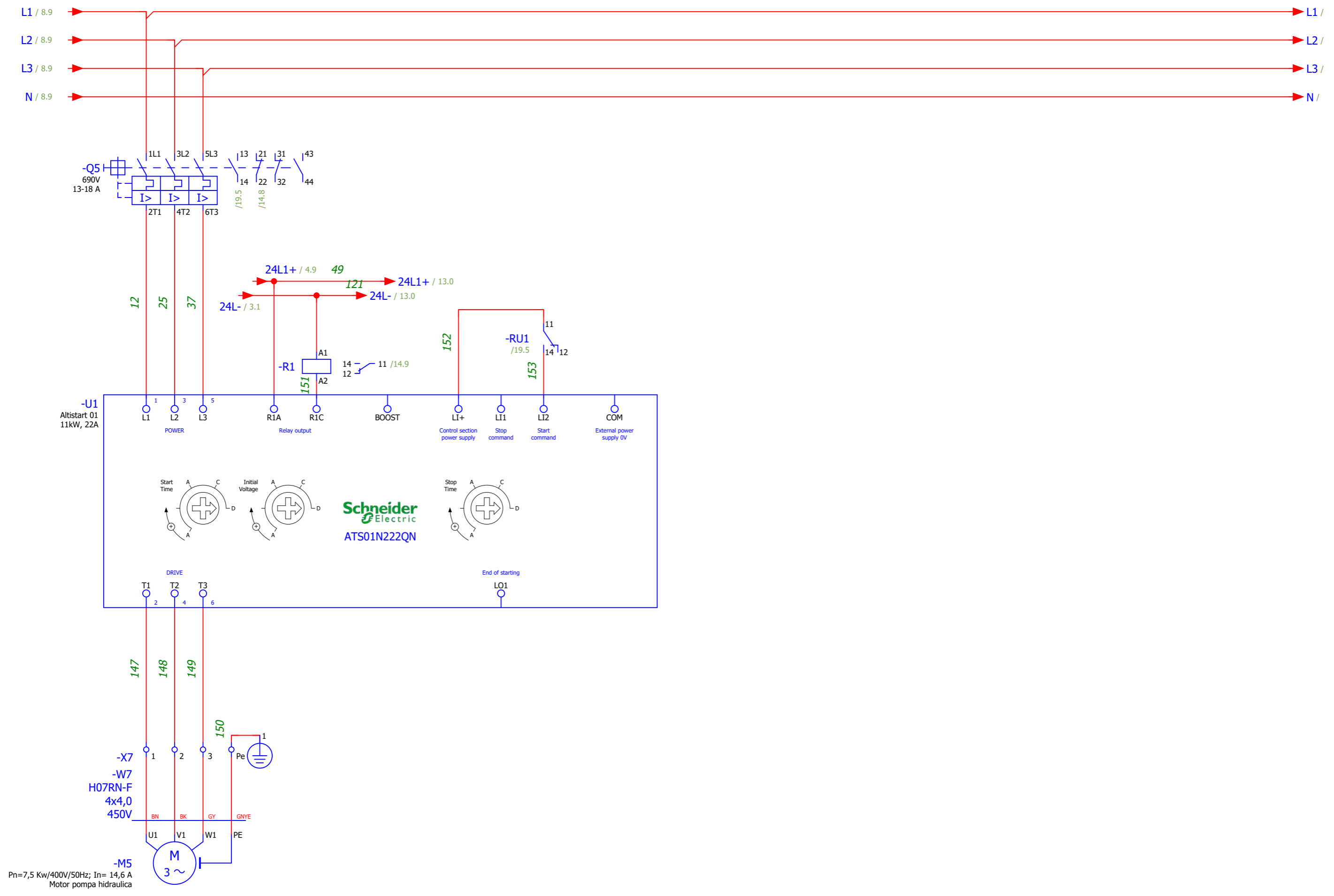


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				TE_evacuare si compactare REST						+ EAA	
				Replacement of						IEC_bas001	
				Replaced by						Page 7 / 40	
Modification	Date	Name	Original							Page 7 / 40	



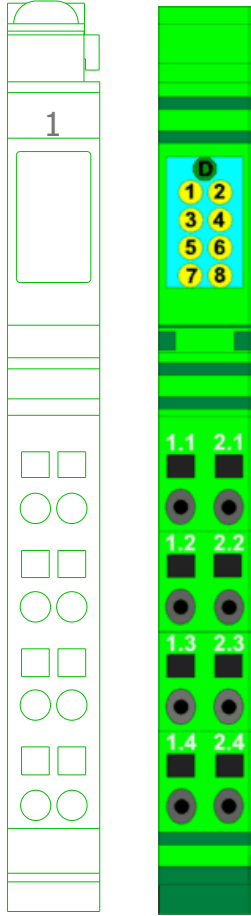
-M4
Pi=2,2 KW; 400V ; In=4,27 A
Separator magnetic
Sort mediu

			Date	07/04/2023	EPLAN		Sc TEHNIMARKET Srl	Alim_M4	= CA1	
			Ed	Nelu	TE_evacuare si compactare REST				+ EAA	
			Appr		Replacement of				IEC_bas001	
Modification	Date	Name	Original		Replaced by				Page 8 / 40	



			Date	07/04/2023	EPLAN	Sc TEHNIMARKET Srl	Alim_M5	= CA1	
			Ed	Nelu				+ EAA	
			Appr						
Modification	Date	Name	Original		Replacement of	Replaced by		IEC_bas001	Page 9 / 40

-A1



1



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	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

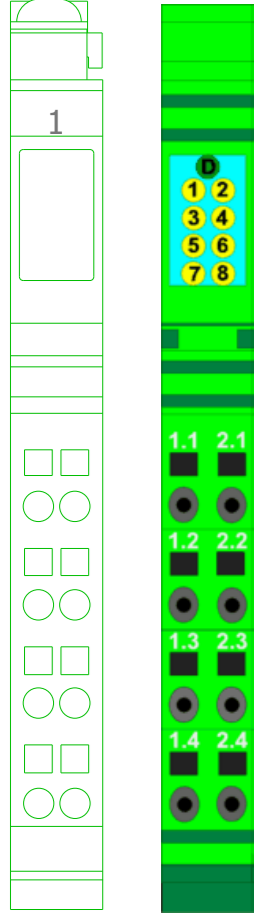
IB IL 24 DI8/HD-PAC

10

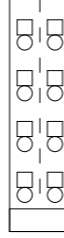
11.a

Date	23/03/2023	EPLAN	Sc TEHNIMARKET Srl	PLC	= CA1 + EAA
	Nelu				
Date		TE_evacuare si compactare REST			IEC_bas001
Modification	Date	Name	Original	Replaced by	Page 11 / 40

-A2



1

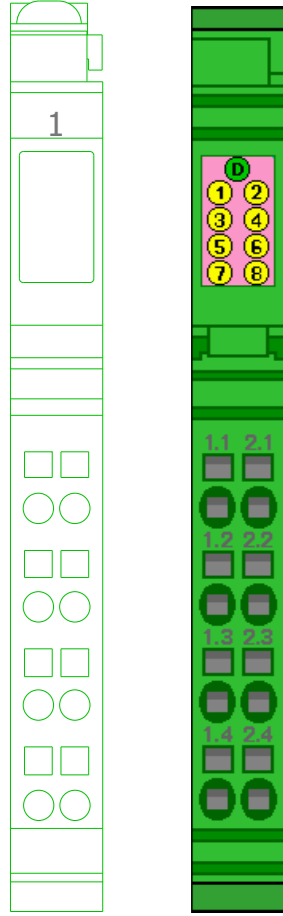


- IN1 1.1
- IN3 1.2
- IN5 1.3
- IN7 1.4
- IN2 2.1
- IN4 2.2
- IN6 2.3
- IN8 2.4

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			

IB IL 24 DI8/HD-PAC

-A4



IB IL 24 DO 8/HD-ECO

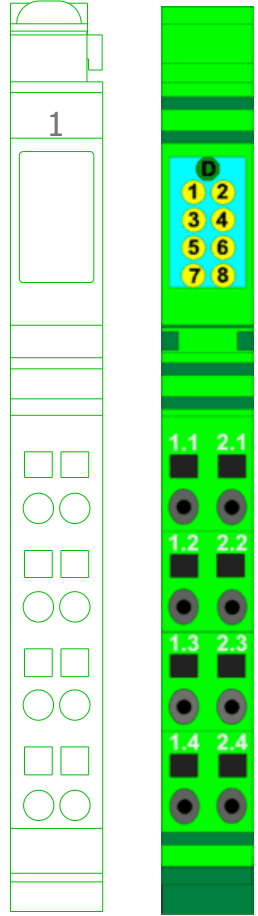


- OUT01 1.1
- OUT03 1.2
- OUT05 1.3
- OUT07 1.4
- OUT02 2.1
- OUT04 2.2
- OUT06 2.3
- OUT08 2.4

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			

Date	07/04/2023	EPLAN	Sc TEHNIMARKET Srl	PLC	= CA1		
Ed	Nelu	TE_evacuare si compactare REST			+ EAA		
Appr		Replacement of	Replaced by			IEC_bas001	Page 12.a
Modification	Date	Name	Original				Page 14 / 40

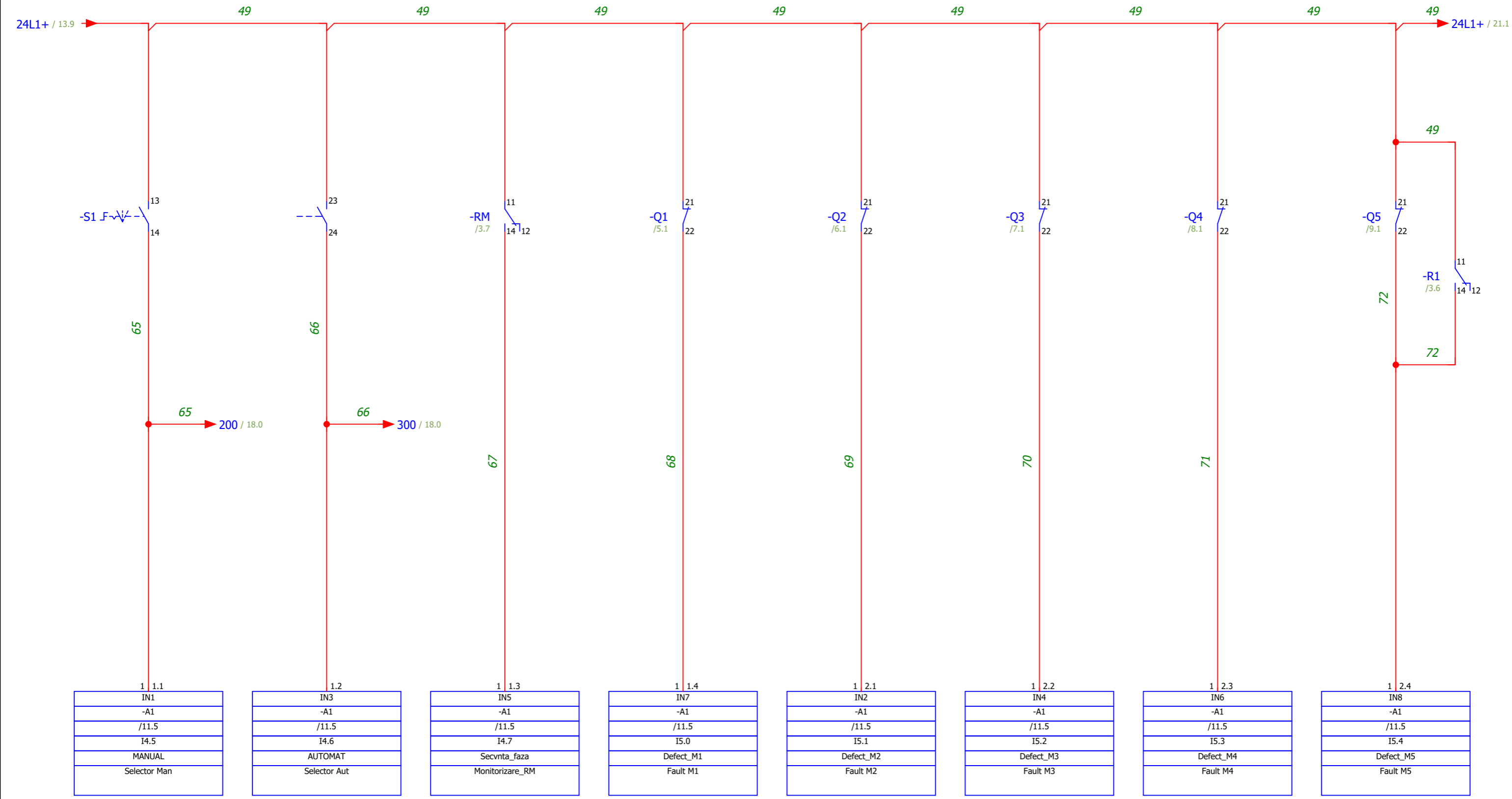
-A5



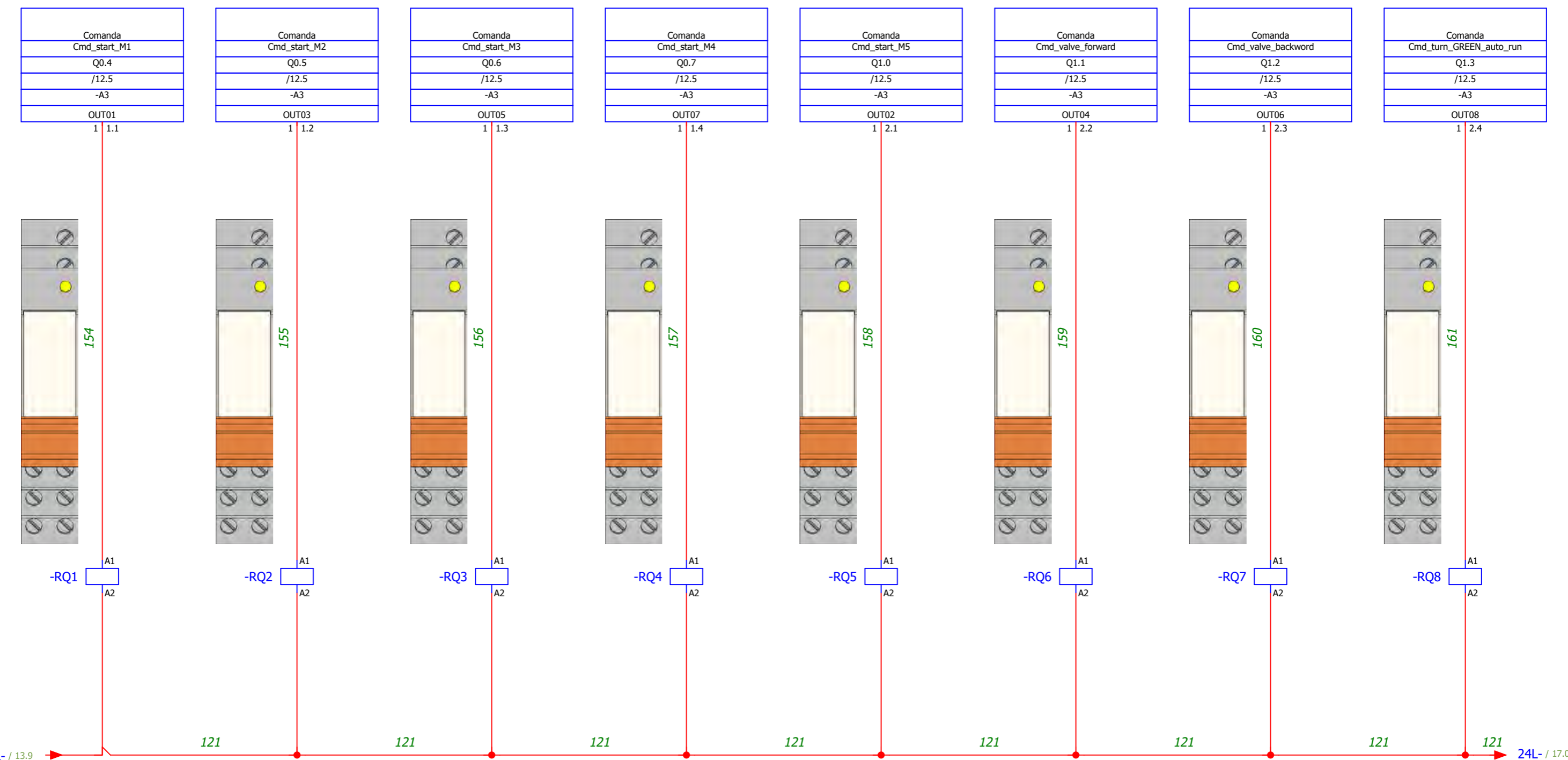
- IN1 1.1
- IN3 1.2
- IN5 1.3
- IN7 1.4
- IN2 2.1
- IN4 2.2
- IN6 2.3
- IN8 2.4

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			

IB IL 24 DI8/HD-PAC



			Date	07/04/2023	EPLAN		Sc TEHNIMARKET Srl		I/O		= CA1	
			Ed	Nelu	TE_evacuare si compactare REST						+ EAA	
			Appr		Replacement of		Replaced by				Page 14	
Modification	Date	Name	Original						IEC_bas001		Page 17 / 40	



Cmd M1

Cmd M2

Cmd M3

Cmd M4

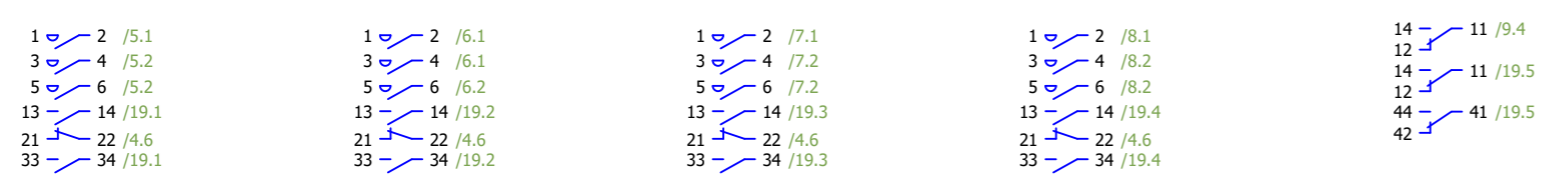
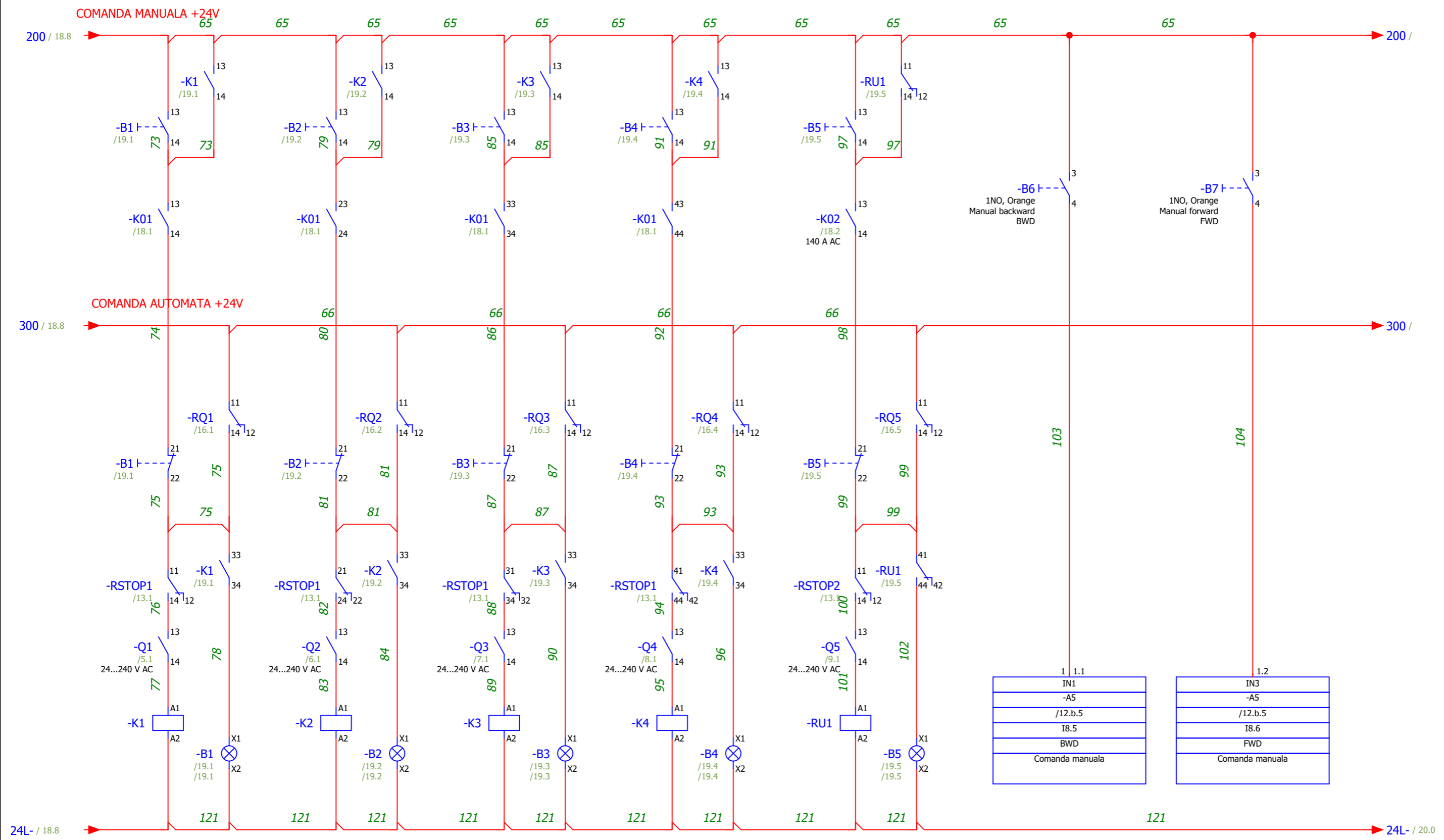
Cmd M5

Cmd Valve FW

Cmd Valve BW

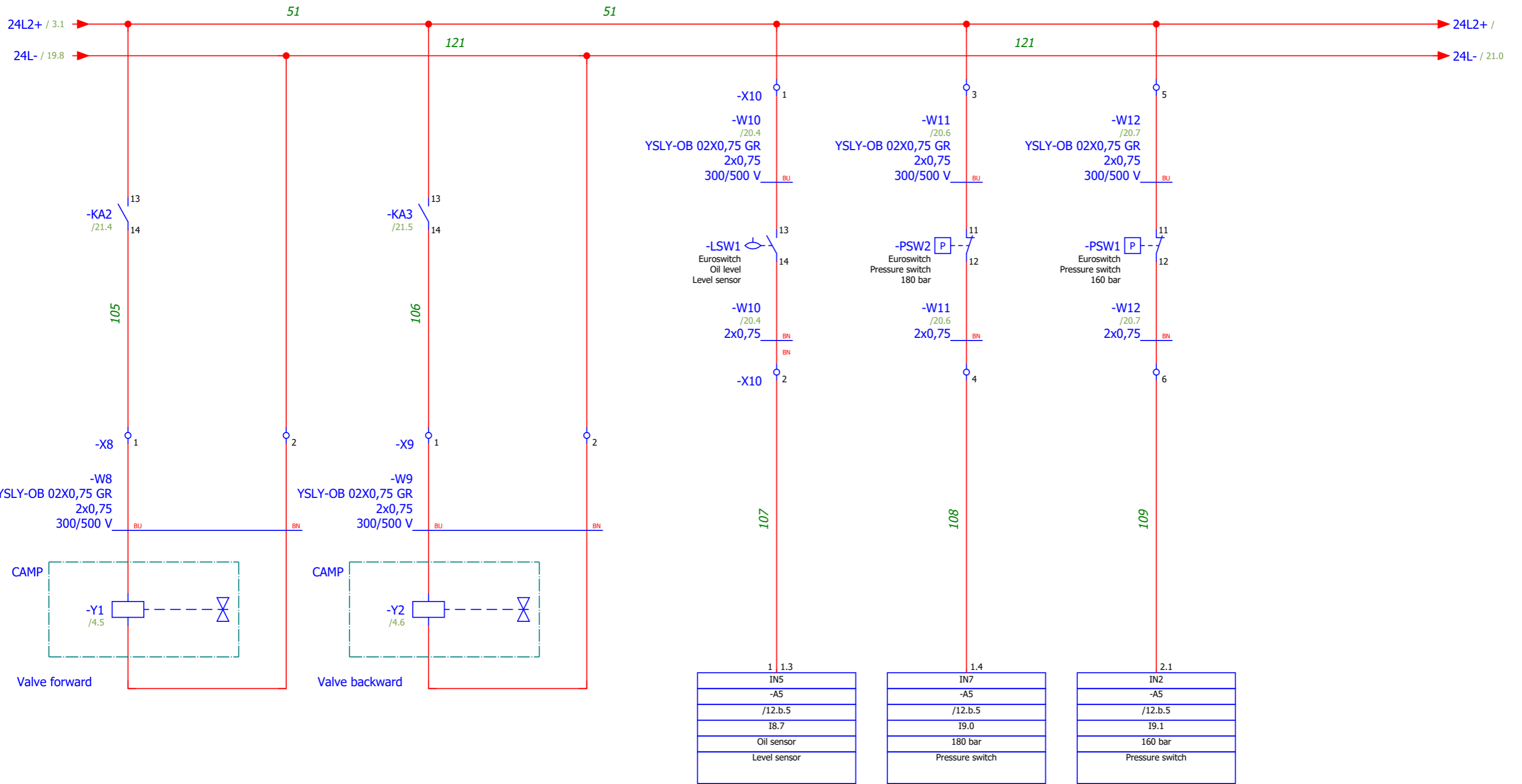
Cmd turn GREEN

Date	07/04/2023	EPLAN	Sc TEHNIMARKET Srl	I/O	= CA1 + EAA
Ed	Nelu				
Appr		TE_evacuare si compactare REST			
Modification	Date	Name	Original	Replacement of	Replaced by
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Cmd_M1/B-09 Cmd_M2/B-10 Cmd_M3/B-11 Cmd_M4/Sep_mag Cmd_M5/Cap_presare

				Date	07/04/2023	EPLAN		Sc TEHNIMARKET Srl	Cmd man			= CA1
				Ed	Nelu	TE_evacuare si compactare REST						+ EAA
				Appr		Replacement of						Page 19
Modification	Date	Name	Original			Replaced by				IEC_bas001		Page 22 / 40



			Date	07/04/2023	EPLAN	Sc TEHNIMARKET Srl	Cmd hidraulica	= CA1	
			Ed	Nelu				+ EAA	
			Appr						
Modification	Date	Name	Original		Replacement of	Replaced by		IEC_bas001	Page 20
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Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
	0				
-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 D18/HD-PAC	PXC	PXC.2700173
-A3	1	Inline terminal	IB IL 24 DO 8/HD-ECO		PXC.2702793
-A4	1	Inline terminal	IB IL 24 DO 8/HD-ECO		PXC.2702793
-A5	1	Inline terminal	IB IL 24 D18/HD-PAC	PXC	PXC.2700173
-A8	0				
-A9	0				
-A10	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	Button	XA2EA51	SE	SE.XA2EA51
-B7	1	Button	XA2EA51	SE	SE.XA2EA51
-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				
-F0	1	Switch-disconnector Compact INS100 - 4 poles - 100 A	28909	SE	SE.28909
-F1/1	1	Over current switch, 32A, 4p, B-Char, AC	FAZ-B32/4	ETN	ETN.FAZ-B32/4
-F2	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
-F7	1	Over current switch, 6A, 1p, C-Char, AC	PXL-C6/1	ETN	ETN.PXL-C6/1
-F8	1	Over current switch, 2A, 3p, C-Char, AC	PXL-C2/3	ETN	ETN.PXL-C2/3
-FAN_TE	0				
-G1	1	Power supply unit	TRIO-PS/1AC/24DC/10	PXC	PXC.2866323
-H1	1	Monolithic pilot light Ø 22 - yellow - integral LED - 24 V		SE	SE.XB7EV05BP
-H2	1	Monolithic pilot light Ø 22 - red - integral LED - 24 V		SE	SE.XB7EV04BP
-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	Contacteur, 3p+1N/O, 3kW/400V/AC3	DILM7-10(24VDC)	ETN	ETN.DILM7-10(24VDC)
-K1	1	Auxiliary contact module, 1N/O+1N/C	DILM32-XHI11	ETN	ETN.DILM32-XHI11
-K01	1	Contacteur TeSys CAD-50 - 5 NO + 0 NC - 10A - 24 VDC,screw-clamps terminals	CAD 5NO 24VDC	SE	SE.CAD50BD
-K2	1	Contacteur, 3p+1N/O, 3kW/400V/AC3	DILM7-10(24VDC)	ETN	ETN.DILM7-10(24VDC)
-K2	1	Auxiliary contact module, 1N/O+1N/C	DILM32-XHI11	ETN	ETN.DILM32-XHI11
-K02	1	Contacteur TeSys CAD-50 - 5 NO + 0 NC - 10A - 24 VDC,screw-clamps terminals	CAD 5NO 24VDC	SE	SE.CAD50BD
-K3	1	Contacteur, 3p+1N/O, 3kW/400V/AC3	DILM7-10(24VDC)	ETN	ETN.DILM7-10(24VDC)
-K3	1	Auxiliary contact module, 1N/O+1N/C	DILM32-XHI11	ETN	ETN.DILM32-XHI11

Date	07/04/2023	EPLAN	Sc TEHNIMARKET Srl	Parts list : - ETN.DILM32-XHI11	= CA1
Ed	Nelu	TE_evacuare si compactare REST			+ EAA
Appr		Replacement of	Replaced by		
Modification	Date	Name	Original		
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Parts list

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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

		Date	07/04/2023	EPLAN		Sc TEHNIMARKET Srl		Parts list : ETN.DILM7-10(24VDC) - FIN.70.41.8.400.2030		= CA1	
		Ed	Nelu	TE_evacuare si compactare REST						+ EAA	
		Appr		Replacement of		Replaced by				Page 23.a	
Modification	Date	Name	Original					IEC_bas001		Page 27 / 40	

Parts list

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Device tag	Quantity	Designation	Type number	Supplier	Part number
-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
-RQ5	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-RQ6	1	Relay Module	PLC-RSC- 24DC/21-21	FIN	PXC.2967060
-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
-RSTOP1	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-RSTOP2	1	Relay Module	RIF-2-RPT-LDP-24DC/4X21	PXC	PXC.2903308
-RU1	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
-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
-SI_B1	1				XS618B1PAM12
-SI_B2	1				XS618B1PAM12
-TD	0				
-Th_1	1	Double Thermostat	NSYCCOTH	SE	SE.NSYCCOTH
-U1	1	Soft starter for asynchronous motor - ATS01 - 22 A - 380..415 V - 7.5..11 KW	ATS01N222QN	SE	SE.ATS01N222QN
-Y1	0				
-Y2	0				

23.a

24

		Date	07/04/2023	EPLAN	Sc TEHNIMARKET Srl	Parts list : PXC.2967060 -				= CA1
		Ed	Nelu							+ EAA
		Appr								IEC_bas001
Modification	Date	Name	Original	Replacement of	Replaced by			Page	23.b	
								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		
					GYE						
		/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

Function text	X-Ref	Target designation from	No. of conductors 4		Cross-section 2,5	Cable length		Function text
			Connection point	Conductor		Connection point	X-Ref	
=CA1+EAA-W3		H07RN-F						
	/5.2	-X3	Pe	GNYE	-M1	PE	/5.1	Banda 1 REST
	/5.1	-X3	1	BN	-M1	U1	/5.1	=
	/5.2	-X3	2	BK	-M1	V1	/5.1	=
	/5.2	-X3	3	GY	-M1	W1	/5.1	=

Date	07/04/2023	EPLAN	Sc TEHNIMARKET Srl	Cable diagram =CA1+EAA-W3	= CA1 + EAA
Ed	Nelu				
Appr		TE_evacuare si compactare REST			
Modification	Date	Name	Original	Replacement of	Replaced by

Cable diagram

F09_001

Cable name =CA1+EAA-W4		Cable type H07RN-F		No. of conductors 4		Cross-section 2,5		Cable length		Function text
Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text		
	/6.2	-X4	Pe	GNYE	-M2	PE	/6.1	Banda 2 REST		
	/6.1	-X4	1	BN	-M2	U1	/6.1	=		
	/6.1	-X4	2	BK	-M2	V1	/6.1	=		
	/6.2	-X4	3	GY	-M2	W1	/6.1	=		

Cable diagram

F09_001

Cable name =CA1+EAA-W5		Cable type H07RN-F		No. of conductors 4		Cross-section 2,5		Cable length		Function text
Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to		Connection point	X-Ref	Function text	
	/7.2	-X5	Pe	GNYE	-M3		PE	/7.1	Banda evacuare REST	
	/7.1	-X5	1	BN	-M3		U1	/7.1	=	
	/7.2	-X5	2	BK	-M3		V1	/7.1	=	
	/7.2	-X5	3	GY	-M3		W1	/7.1	=	

Cable diagram

F09_001

Cable name =CA1+EAA-W6		Cable type H07RN-F		No. of conductors 4		Cross-section 2,5		Cable length		Function text
Function text		X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text	
		/8.2	-X6	Pe	GNYE	-M4	PE	/8.1	Separator magnetic	
		/8.1	-X6	1	BN	-M4	U1	/8.1	=	
		/8.2	-X6	2	BK	-M4	V1	/8.1	=	
		/8.2	-X6	3	GY	-M4	W1	/8.1	=	

Date	07/04/2023	EPLAN	Sc TEHNIMARKET Srl	Cable diagram =CA1+EAA-W6	= CA1
Ed	Nelu	TE_evacuare si compactare REST			+ EAA
Appr		Replacement of	Replaced by		IEC_bas001
Modification	Date	Name	Original		Page 29
					Page 34 / 40

Cable diagram

F09_001

Cable name =CA1+EAA-W7	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
	/9.2	-X7	Pe	GNYE	-M5	PE	/9.1	Motor pompa hidraulica
	/9.1	-X7	1	BN	-M5	U1	/9.1	=
	/9.1	-X7	2	BK	-M5	V1	/9.1	=
	/9.1	-X7	3	GY	-M5	W1	/9.1	=

Date	07/04/2023	EPLAN	Sc TEHNIMARKET Srl	Cable diagram =CA1+EAA-W7	= CA1		
Ed	Nelu				+ EAA		
Appr		TE_evacuare si compactare REST				IEC_bas001	
Modification	Date	Name	Original	Replacement of	Replaced by		
						Page	30
						Page	35 / 40

Cable diagram

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

Cable diagram

F09_001

Cable name =CA1+EAA-W9	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
	/20.2	-X9	1	BU	-Y2		/20.2	
	/20.3	-X9	2	BN	-Y2		/20.2	

Date	07/04/2023	EPLAN	Sc TEHNIMARKET Srl	Cable diagram =CA1+EAA-W9	= CA1
Ed	Nelu	TE_evacuare si compactare REST			+ EAA
Appr		Replacement of	Replaced by		IEC_bas001
Modification	Date	Name	Original		Page 32
					Page 37 / 40

Cable diagram

F09_001

Cable name =CA1+EAA-W10	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
	/20.4	-X10	1	BU	-LSW1	13	/20.4	Oil level
	/20.4	-X10	2	BN	-LSW1	14	/20.4	=

Date		07/04/2023		EPLAN			Sc TEHNIMARKET Srl		Cable diagram =CA1+EAA-W10			= CA1	
Ed		Nelu		TE_evacuare si compactare REST								+ EAA	
Appr				Replacement of			Replaced by		IEC_bas001			Page 33	
Modification	Date	Name	Original								Page 38 / 40		

Cable diagram

F09_001

Cable name =CA1+EAA-W11		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		
		/20.6	-X10	3	BU	-PSW2	11	/20.6	Pressure switch		
		/20.6	-X10	4	BN	-PSW2	12	/20.6	=		

		Date	07/04/2023	EPLAN		Sc TEHNIMARKET Srl	Cable diagram =CA1+EAA-W11		= CA1		
		Ed	Nelu	TE_evacuare si compactare REST					+ EAA		
Modification	Date	Name	Original	Replacement of	Replaced by				IEC_bas001	Page	34
										Page	39 / 40

Cable diagram

F09_001

Cable name =CA1+EAA-W12		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	
		/20.7	-X10	5	BU	-PSW1	11	/20.7	Pressure switch	
		/20.7	-X10	6	BN	-PSW1	12	/20.7	=	

34

	Date	07/04/2023	EPLAN		Sc TEHNIMARKET Srl	Cable diagram =CA1+EAA-W12	= CA1 + EAA		Page 35
	Ed	Nelu	TE_evacuare si compactare REST				IEC_bas001		Page 40 / 40
Modification	Date	Name	Original	Replacement of	Replaced by				

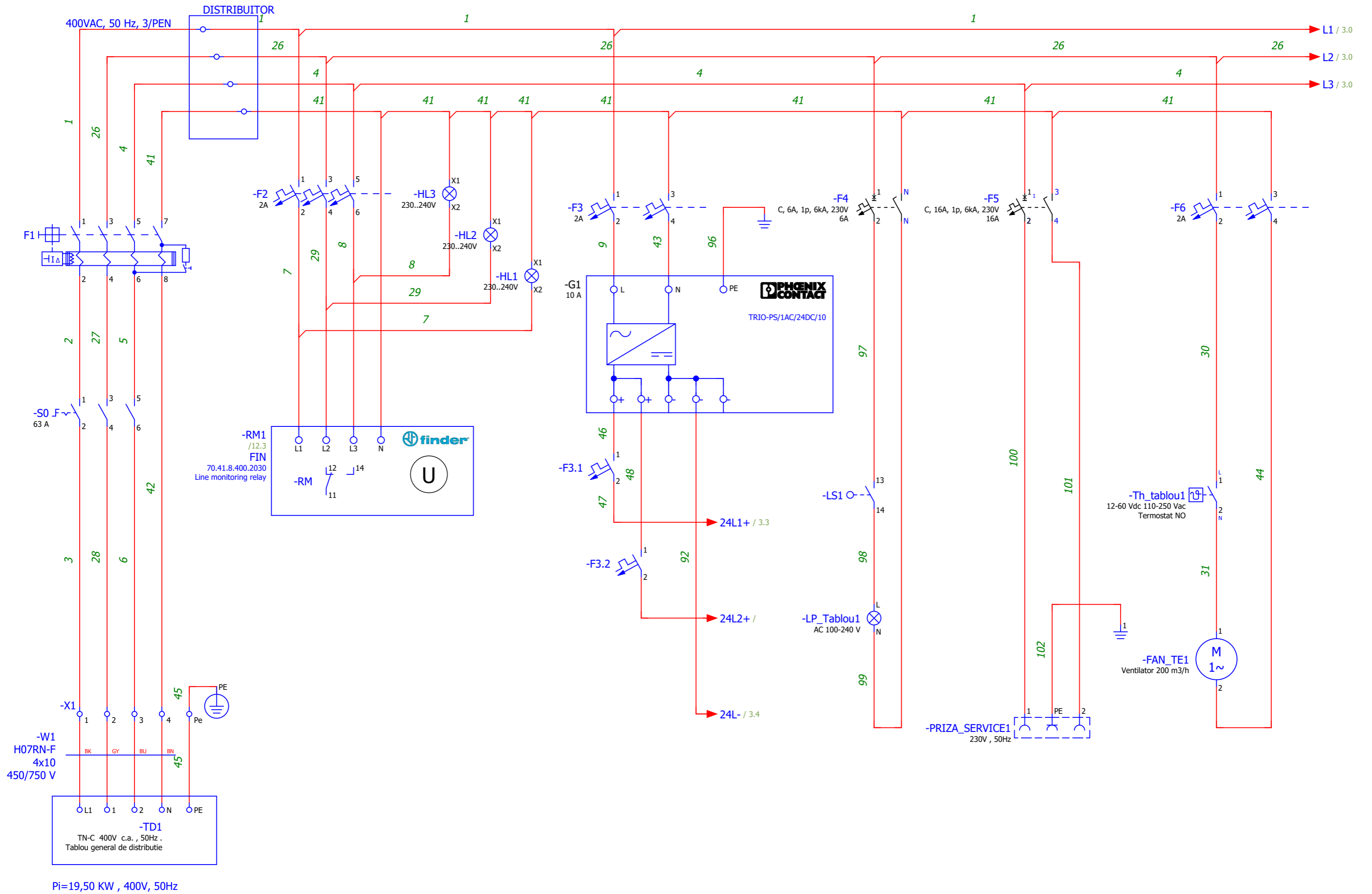


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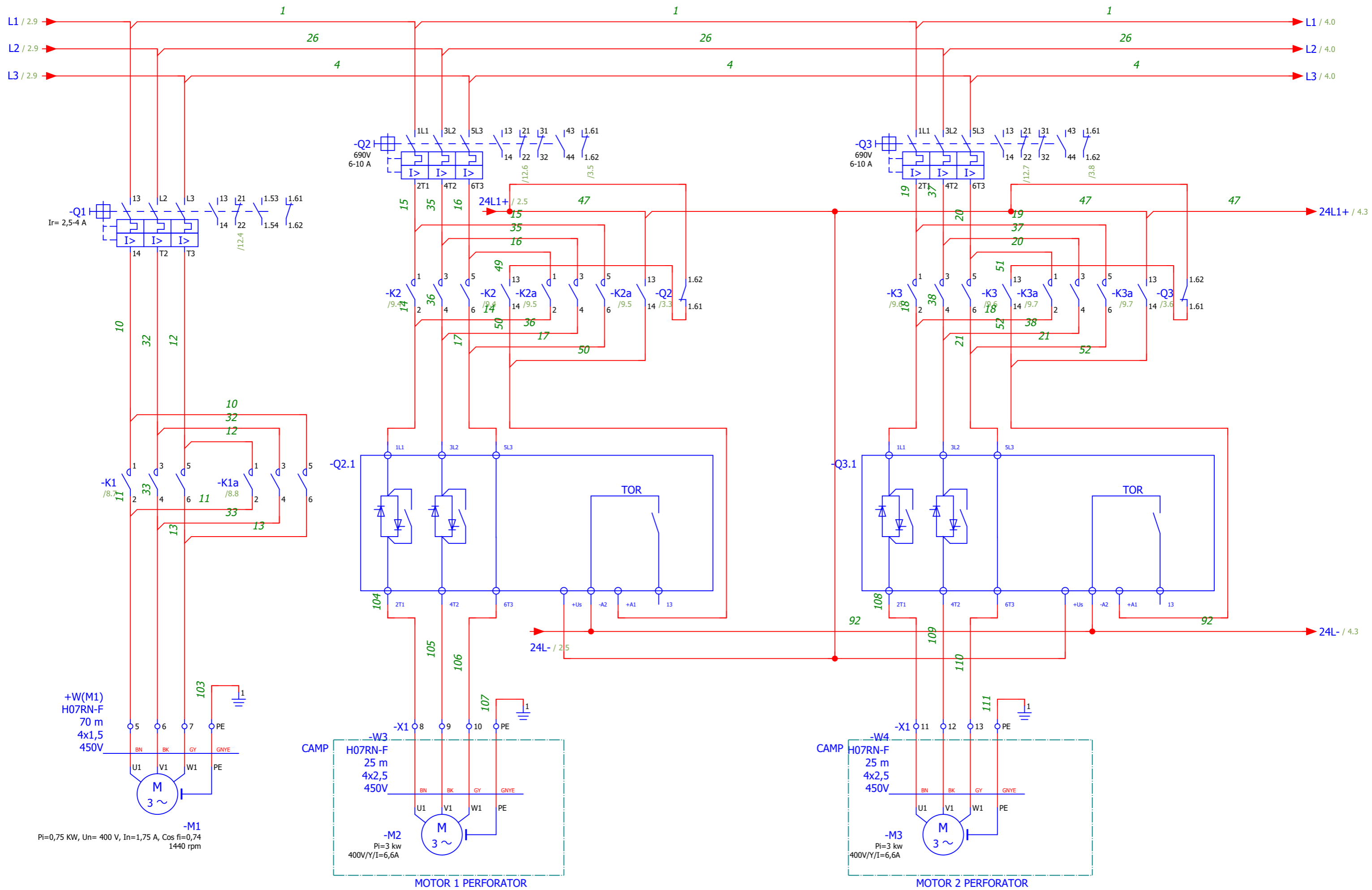
Str.ARCADIE SEPTILICI Nr. 1C
600234 Bacau
Phone

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

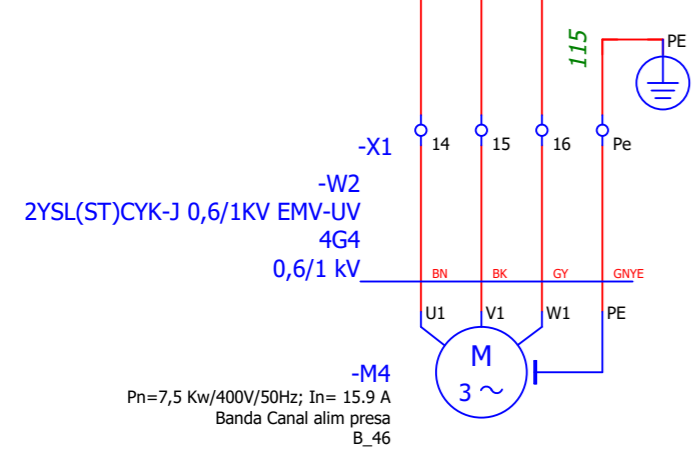
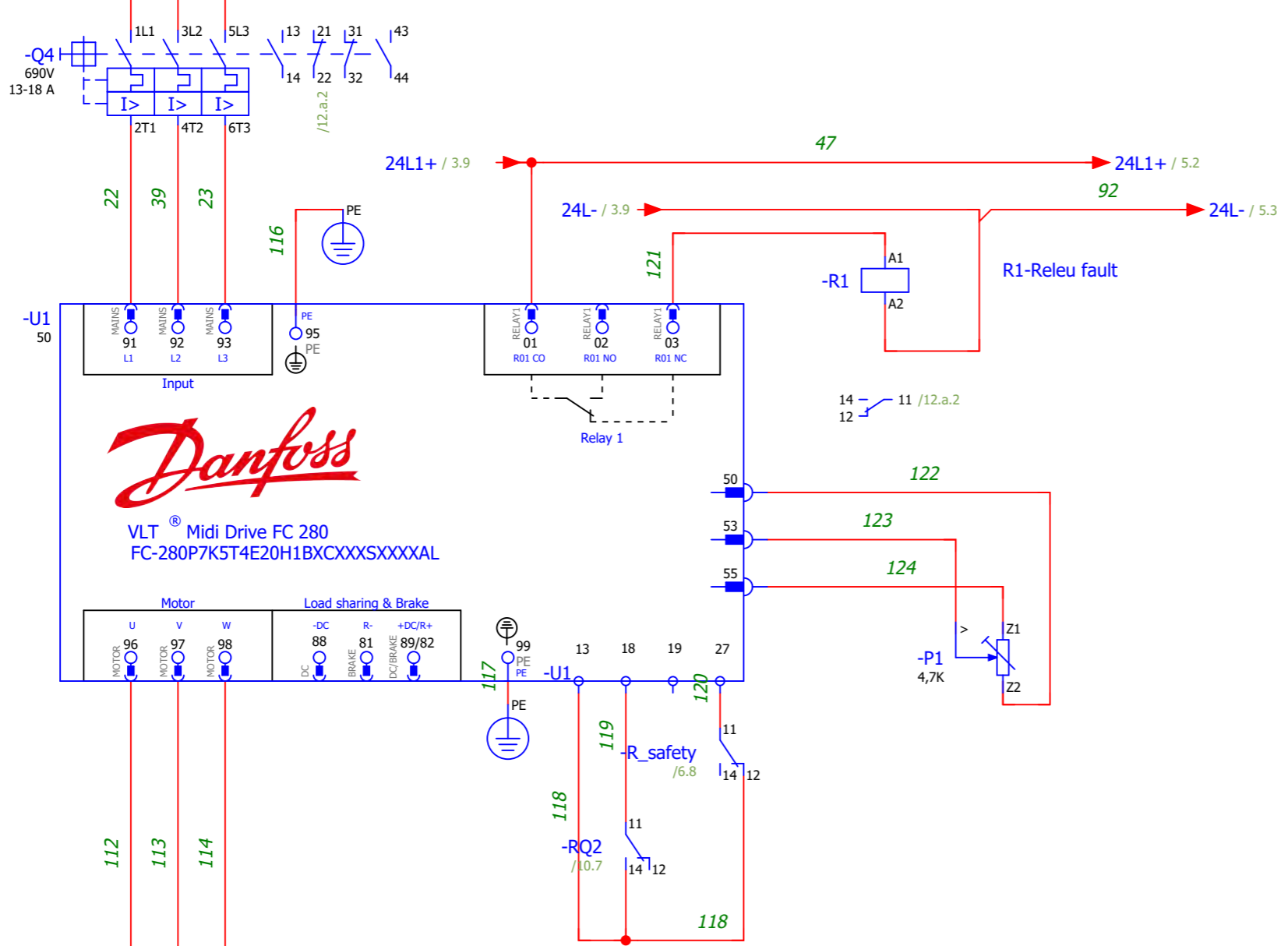
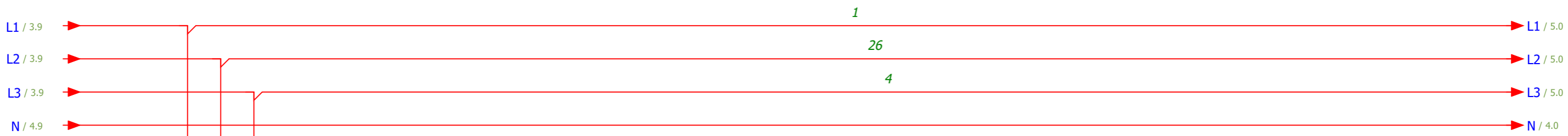
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			Appr		TE_Perforator PET				
Modification	Date	Name	Original		Replacement of	Replaced by		IEC_bas001	Page 1 / 21



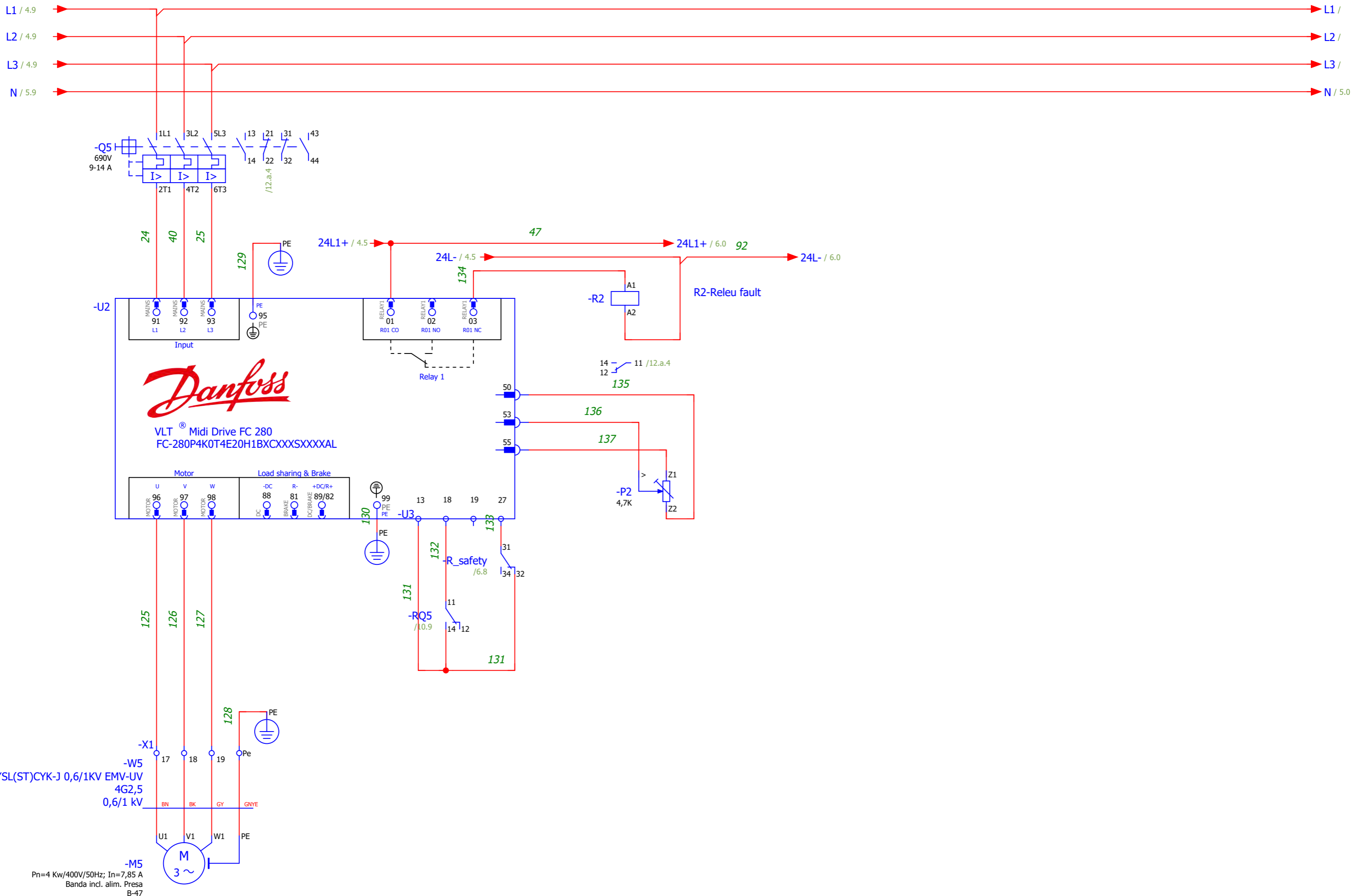
1				3			
Date	28/03/2023	EPLAN	Sc TEHNIMARKET srl	Alim	= CA1 + EAA		
Ed	Nelu	TE_Perforator PET			IEC_bas001		
Appr		Replacement of	Replaced by		Page	2	
Modification	Date	Name	Original		Page	2 / 21	



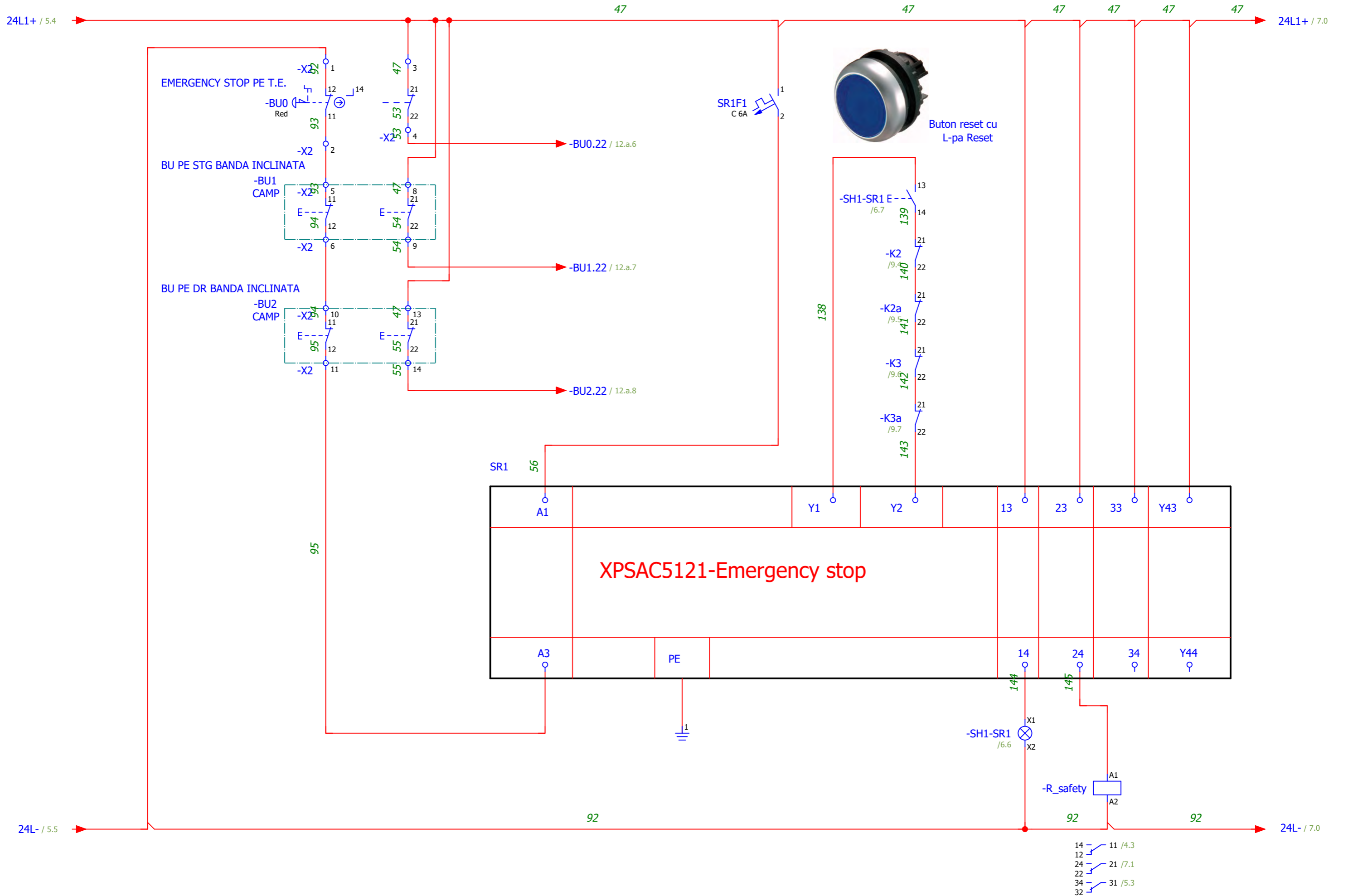
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				TE_Perforator PET						+ EAA	
				Replacement of						IEC_bas001	
				Replaced by						Page 3	
Modification				Date		Name		Original		Page 3 / 21	
				Date		Name		Original			



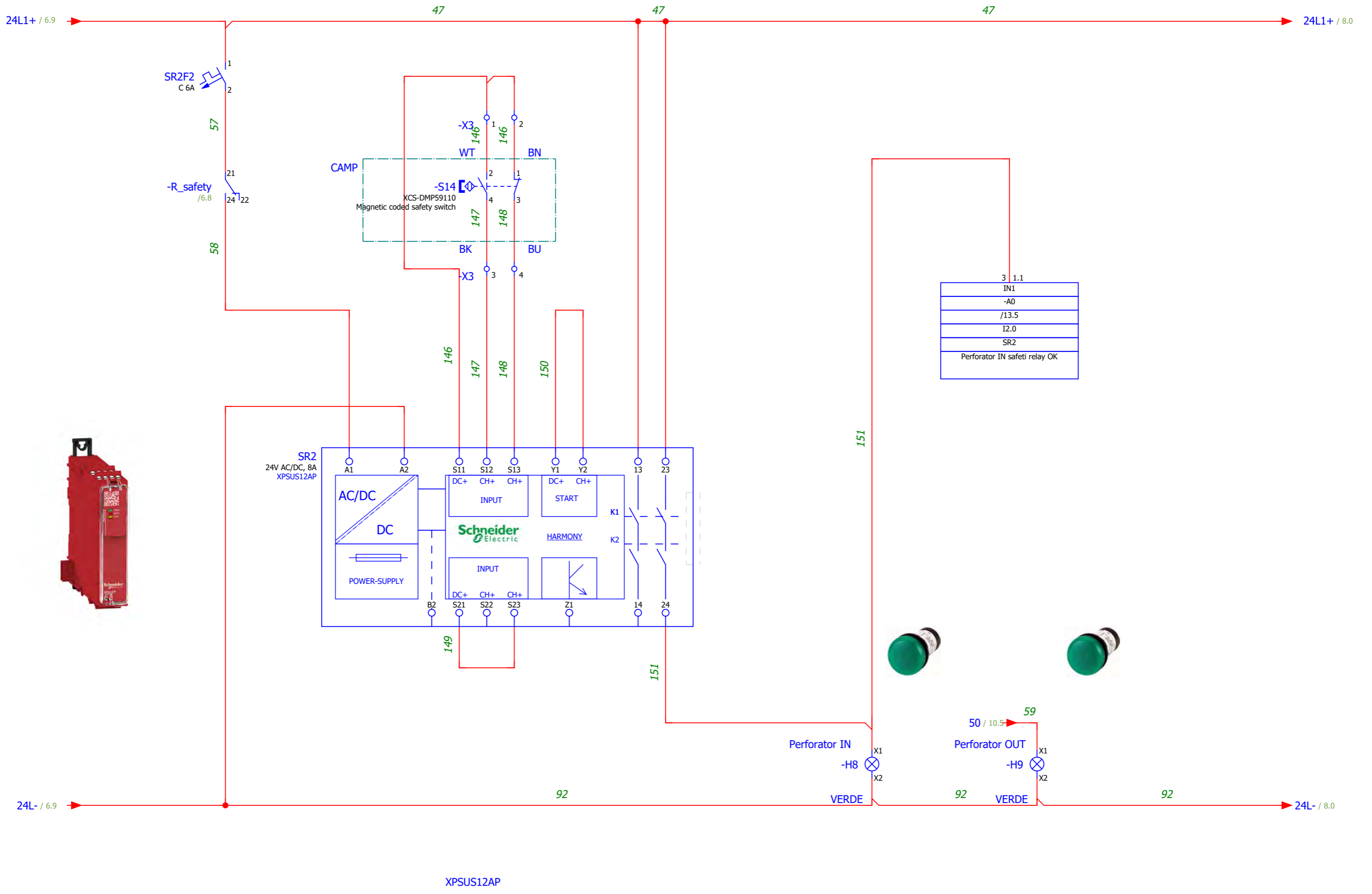
3				Date 28/03/2023		EPLAN		Sc TEHNIMARKET srl		Banda canal		= CA1		Page 4	
				Ed Nelu		TE_Perforator PET						+ EAA		Page 4 / 21	
Modification				Date		Name		Original		Replacement of		Replaced by		IEC_bas001	



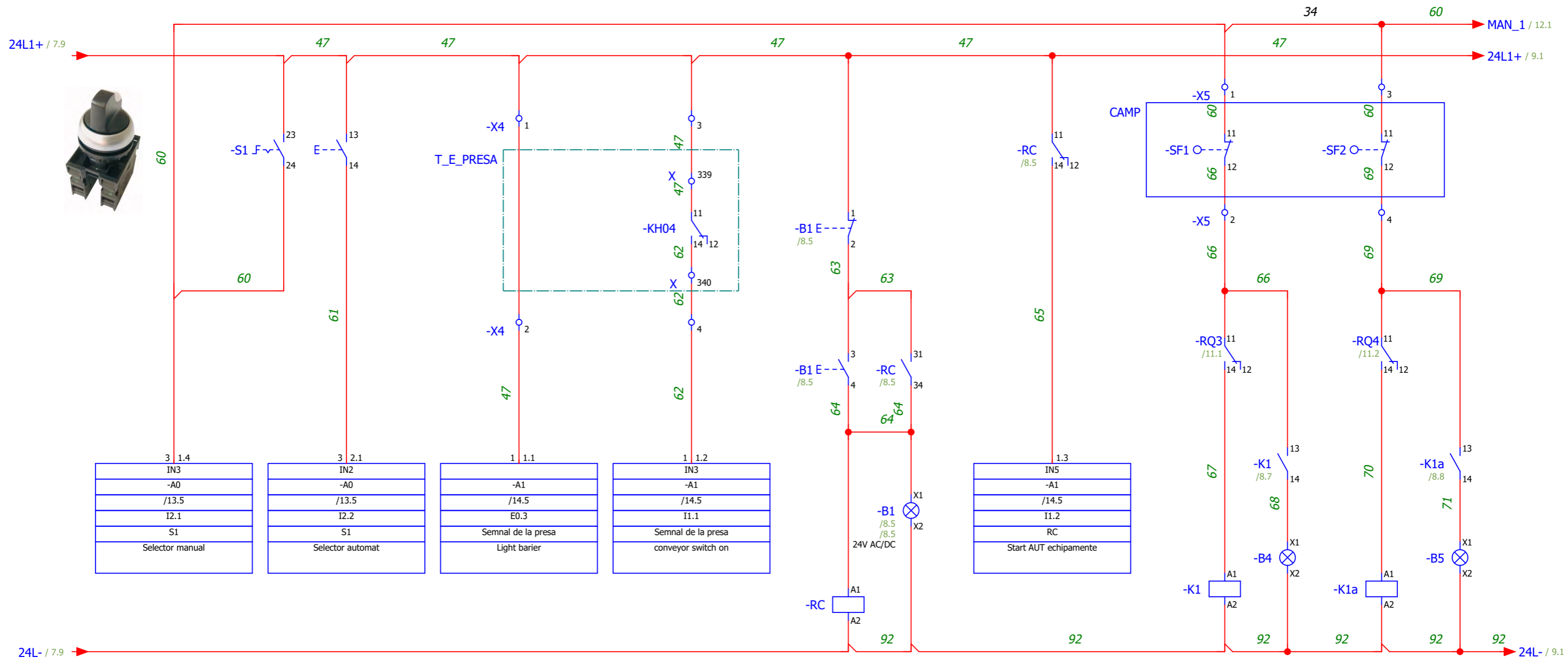
4				Date 28/03/2023		EPLAN		Sc TEHNIMARKET srl		Banda inclinata		= CA1	
				Ed Nelu		TE_Perforator PET						+ EAA	
Modification				Date		Name		Original		Replaced by		IEC_bas001	
												Page 5	
												Page 5 / 21	



Date	28/03/2023	EPLAN	Sc TEHNIMARKET srl	Safety relay	= CA1
Ed	Nelu	TE_Perforator PET			+ EAA
Appr		Replacement of	Replaced by		IEC_bas001
Modification	Date	Name	Original		Page 6
					Page 6 / 21

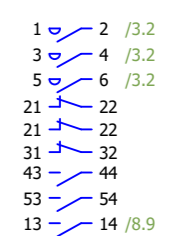
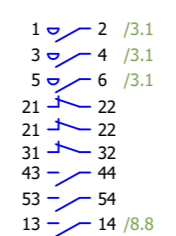
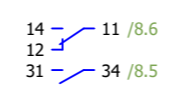


3	1.1
IN1	
-A0	
/13.5	
I2.0	
SR2	
Perforator IN safeti relay OK	

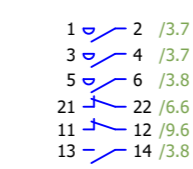
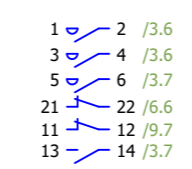
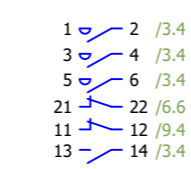
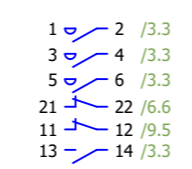
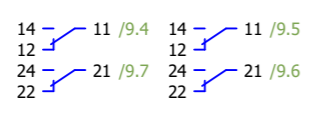
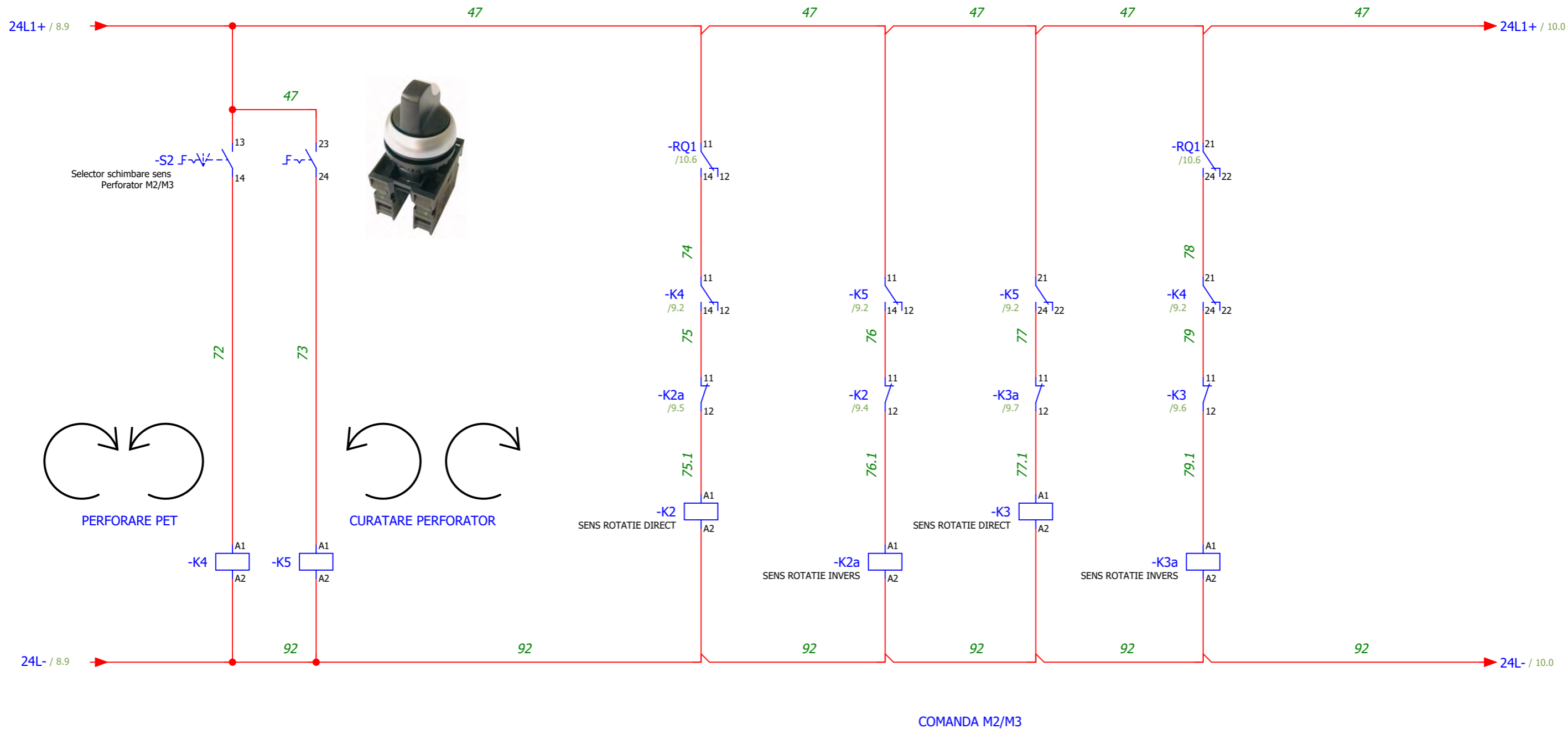


COMANDA START /STOP IN AUTOMAT

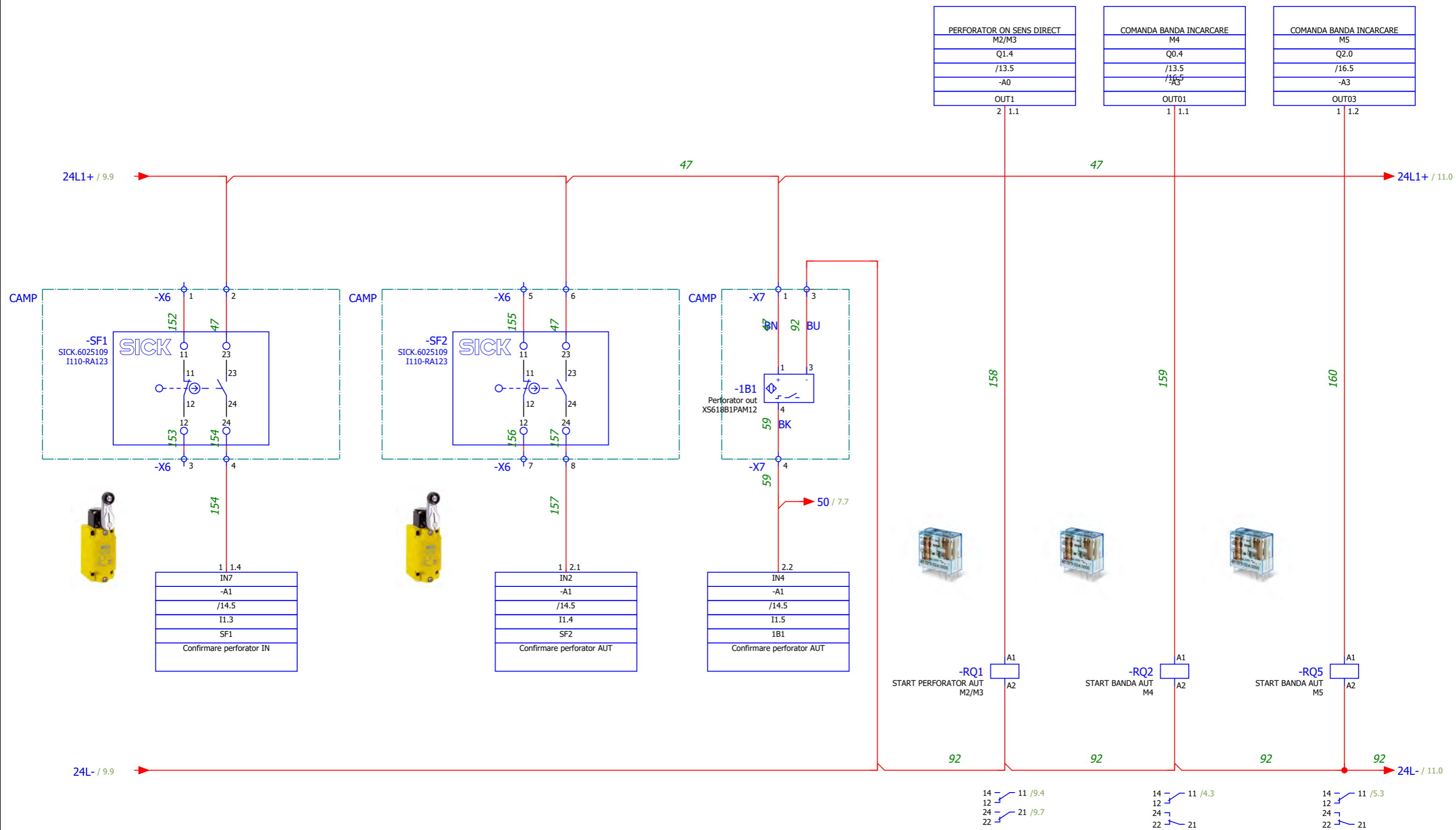
COMANDA MANUALA INTRARE-IESIRE ANSAMBLU PERFORATOR



Date		28/03/2023		EPLAN		Sc TEHNIMARKET srl		Cmd M1		= CA1	
Ed		Nelu		TE_Perforator PET						+ EAA	
Appr				Replacement of		Replaced by				IEC_bas001	
Modification	Date	Name	Original							Page	8
										Page	8 / 21



				Date	26/06/2023	EPLAN		Sc TEHNIMARKET srl		Cmd M2/M3				= CA1
				Ed	Nelu	TE_Perforator PET								+ EAA
				Appr		Replacement of		Replaced by				IEC_bas001		Page 9
Modification	Date	Name	Original											Page 9 / 21



PERFORATOR ON SENS DIRECT
M2/M3
Q1.4
/13.5
-A0
OUT1
2 1.1

COMANDA BANDA INCARCARE
M4
Q0.4
/13.5
-A3
OUT01
1 1.1

COMANDA BANDA INCARCARE
M5
Q2.0
/16.5
-A3
OUT03
1 1.2

1 1.4
IN7
-A1
/14.5
I1.3
SF1
Confirmare perforator IN

1 2.1
IN2
-A1
/14.5
I1.4
SF2
Confirmare perforator AUT

2.2
IN4
-A1
/14.5
I1.5
1B1
Confirmare perforator AUT

-RQ1
START PERFORATOR AUT
M2/M3
A1
A2

-RQ2
START BANDA AUT
M4
A1
A2

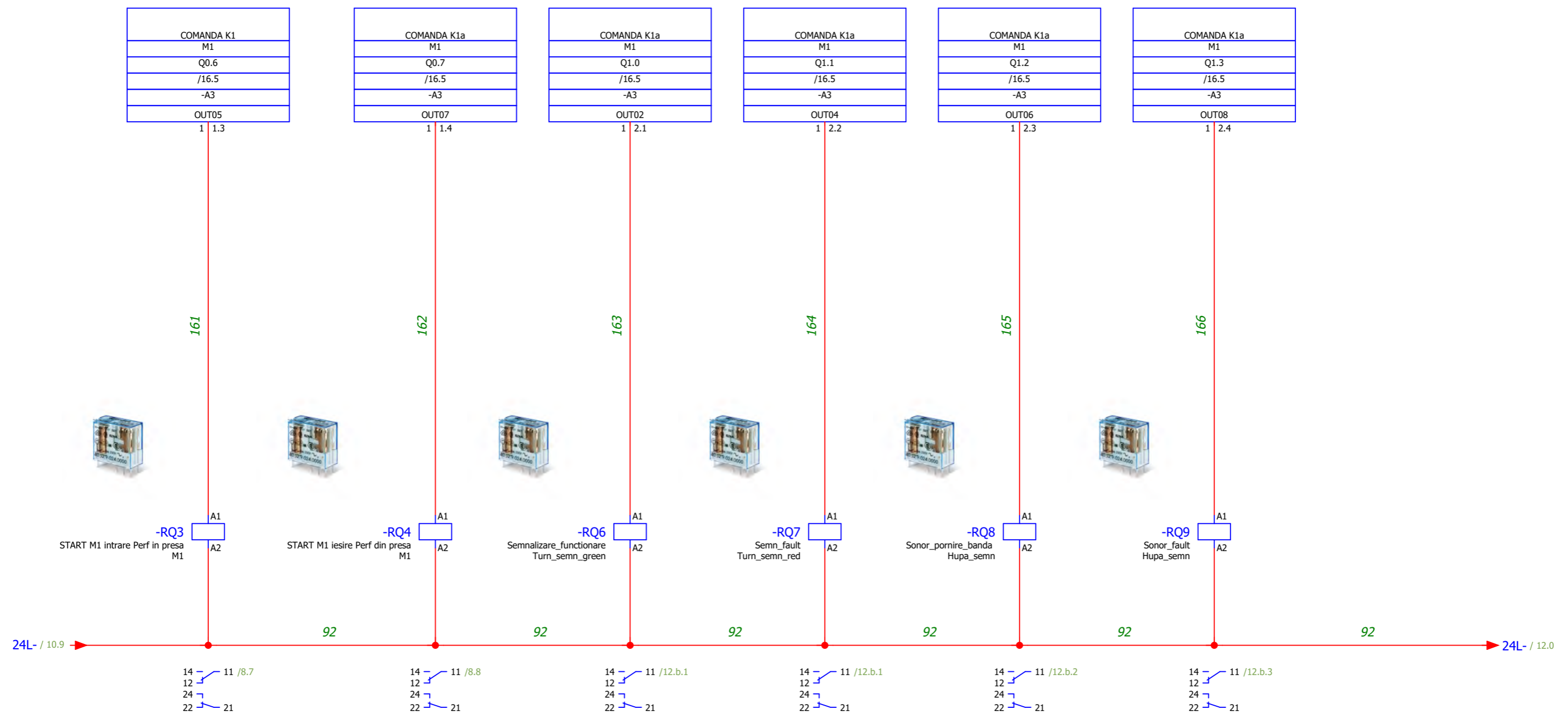
-RQ5
START BANDA AUT
M5
A1
A2

14 - 11 /9.4
12 - 12 /9.4
24 - 21 /9.7
22 - 22 /9.7

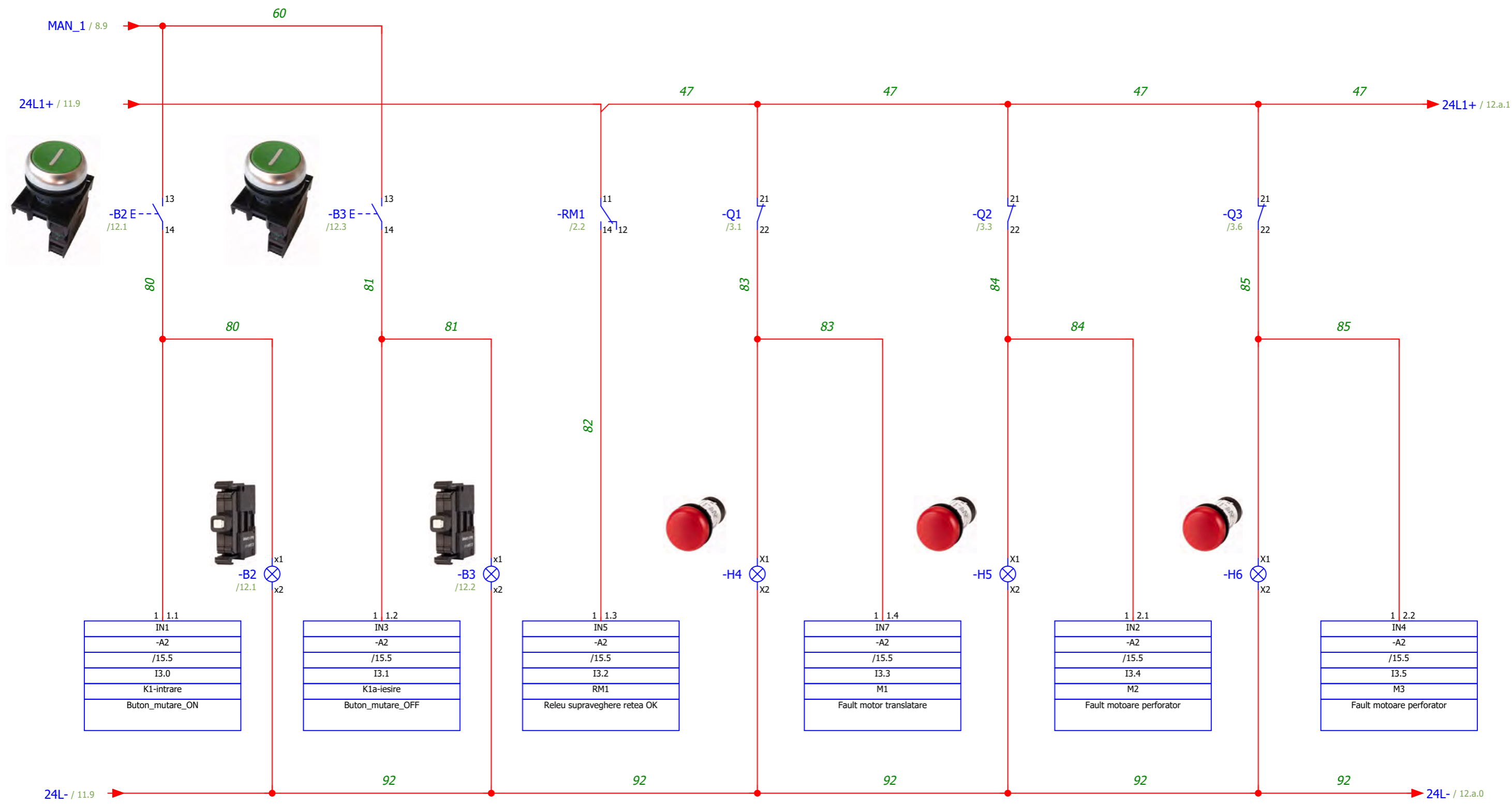
14 - 11 /4.3
12 - 12 /4.3
24 - 21
22 - 21

14 - 11 /5.3
12 - 12 /5.3
24 - 21
22 - 21

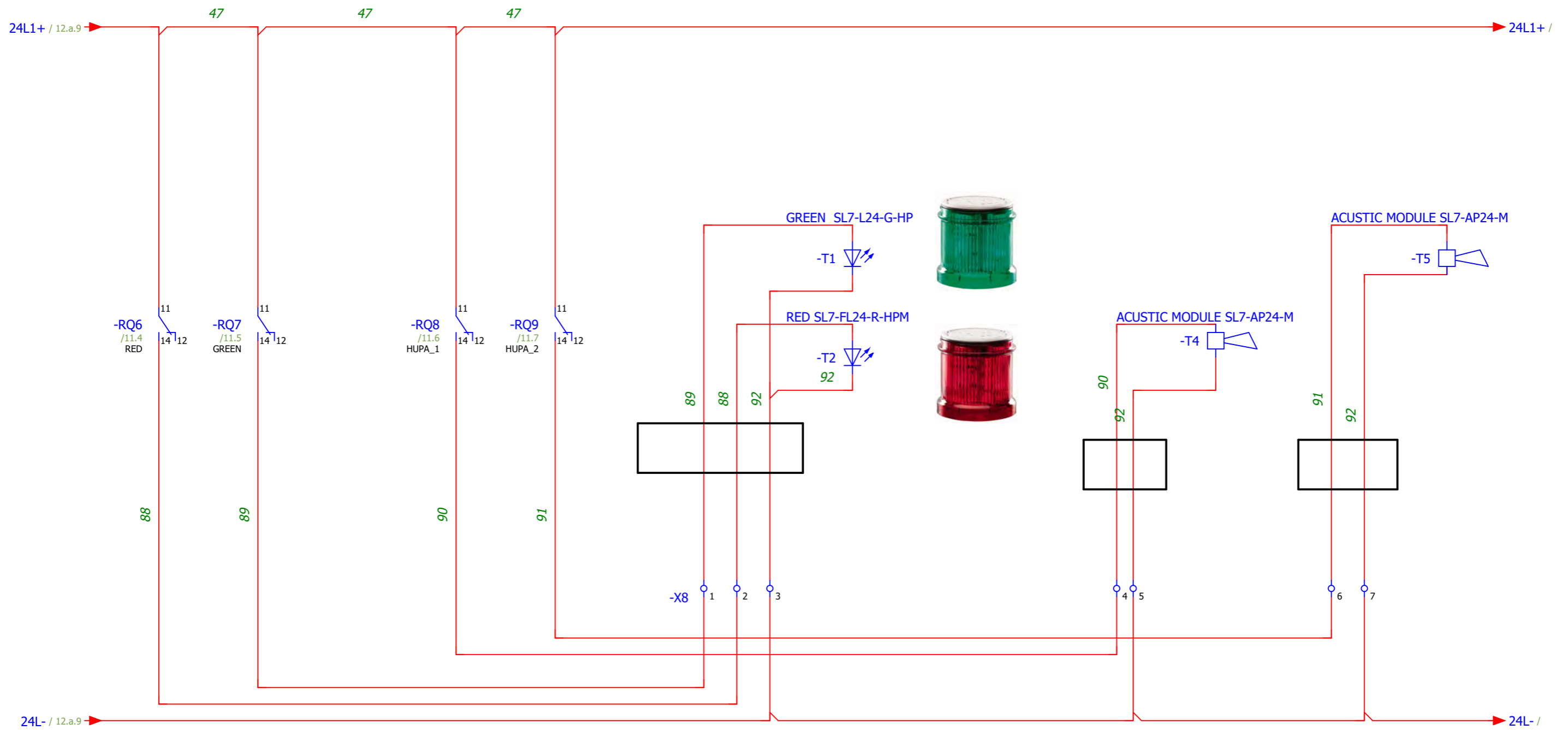
24L1+ / 10.9 → 24L1+ / 12.1



Date	28/03/2023	EPLAN	Sc TEHNIMARKET srl	K1/K1a	= CA1
Ed	Nelu	TE_Perforator PET			+ EAA
Appr		Replacement of	Replaced by		IEC_bas001
Modification	Date	Name	Original		Page 11 / 21
					Page 11 / 21



		Date	28/03/2023	EPLAN		Sc TEHNIMARKET srl		Fault		= CA1	
		Ed	Nelu	TE_Perforator PET						+ EAA	
		Appr		Replacement of		Replaced by				IEC_bas001	
Modification	Date	Name	Original							Page 12	
										Page 12 / 21	



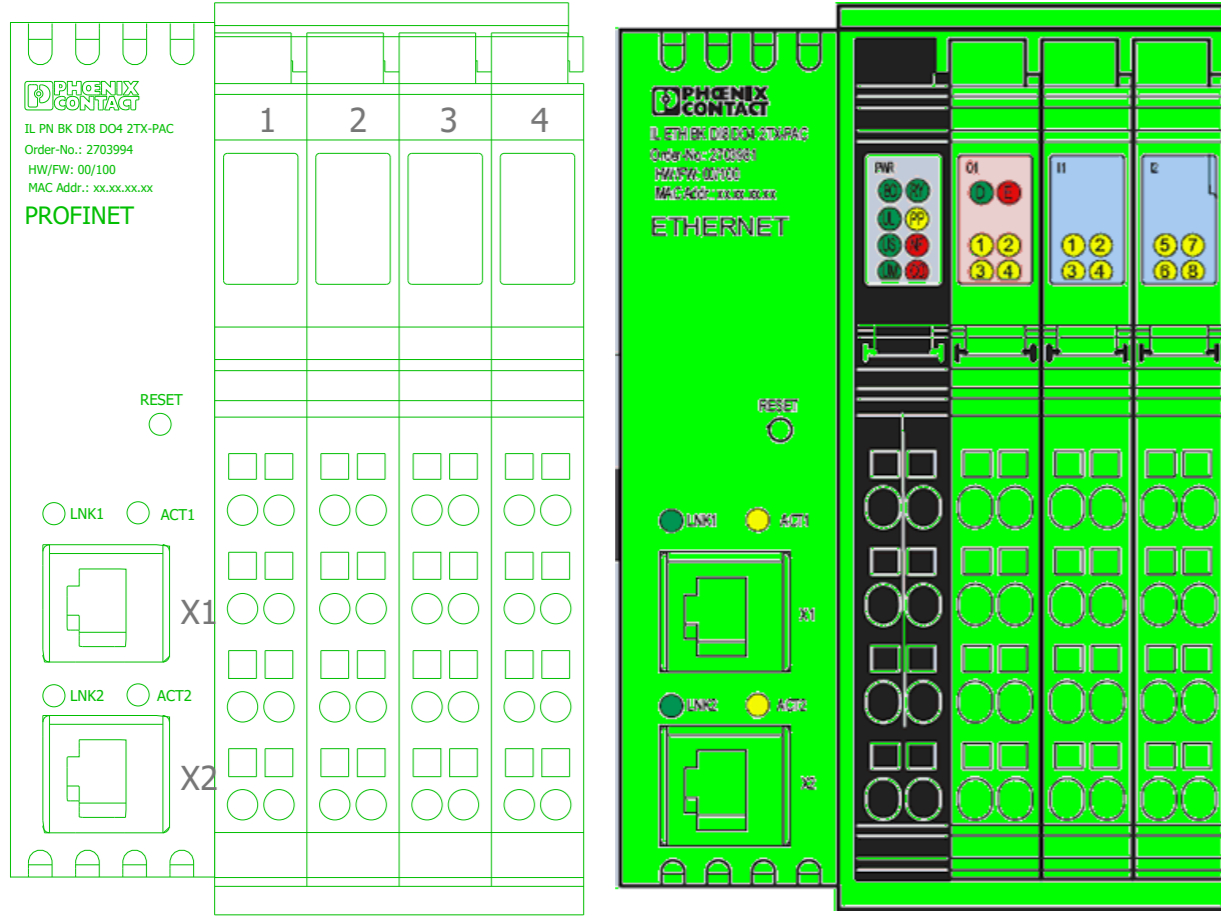
Notatii pe cablu de la turn luminos, verde galben-comun/ 1-albastru/2-verde/3-rosu

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

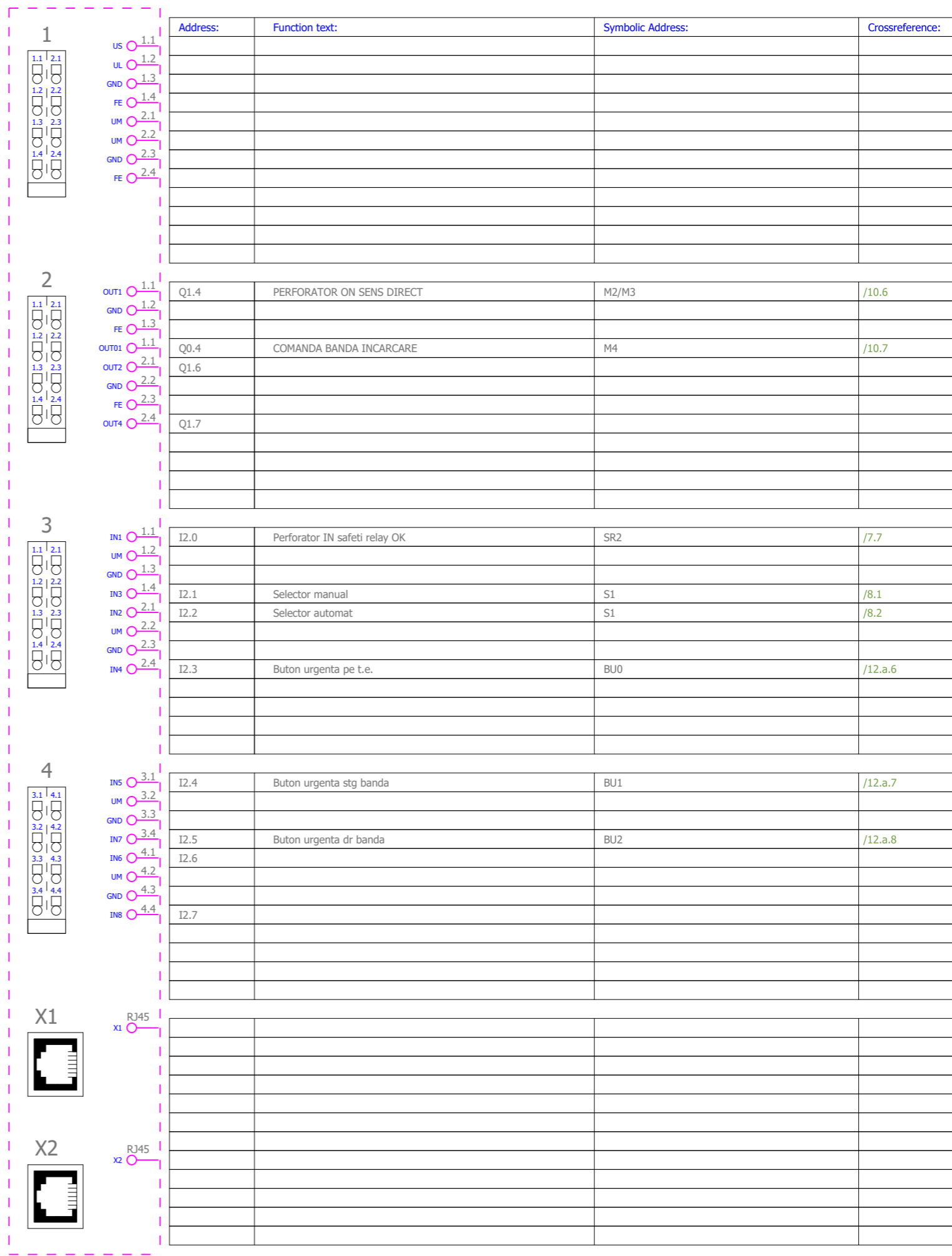
MONTAJ PE T.E

			Date	28/03/2023	EPLAN		Sc TEHNIMARKET srl	Fault			= CA1
			Ed	Nelu	TE_Perforator PET						+ EAA
			Appr		Replacement of		Replaced by				IEC_bas001
Modification	Date	Name	Original								Page 12.b
											Page 14 / 21

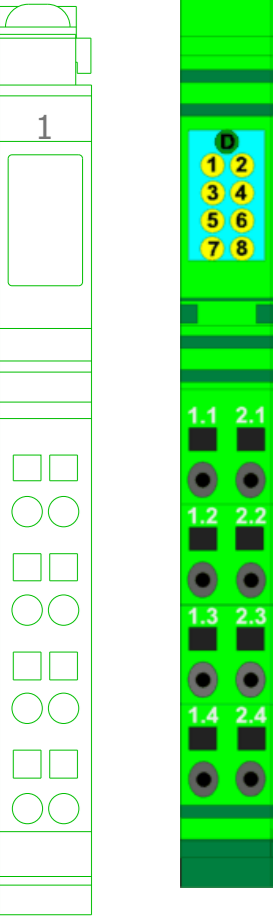
-A0



IL PN BK DI8 DO4 2TX-PAC



-A1



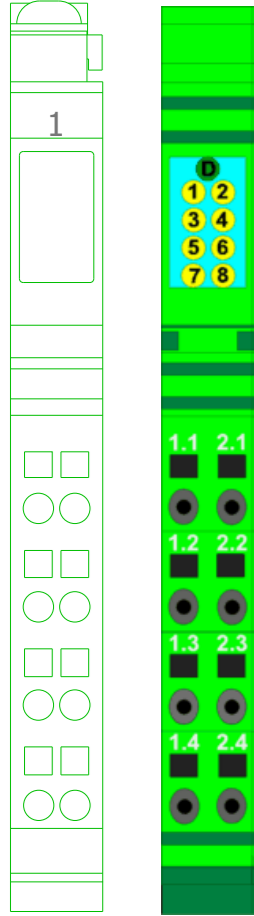
IB IL 24 DI8/HD-PAC



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

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				

-A2



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

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

IB IL 24 DI8/HD-PAC

Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
	0				
-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 D18/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	Contact, 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	Contact, 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	Contact, 3p+1N/C, 4kW/400V/AC3	DILM9-01(24VDC)	ETN	ETN.DILM9-01(24VDC)
-K2a	1	Contact, 3p+1N/C, 4kW/400V/AC3	DILM9-01(24VDC)	ETN	ETN.DILM9-01(24VDC)
-K3	1	Contact, 3p+1N/C, 4kW/400V/AC3	DILM9-01(24VDC)	ETN	ETN.DILM9-01(24VDC)
-K3a	1	Contact, 3p+1N/C, 4kW/400V/AC3	DILM9-01(24VDC)	ETN	ETN.DILM9-01(24VDC)

Date	28/03/2023	EPLAN	Sc TEHNIMARKET srl	Parts list : - ETN.DILM9-01(24VDC)	= CA1
Ed	Nelu	TE_Perforator PET			+ EAA
Appr		Replacement of	Replaced by		IEC_bas001
Modification	Date	Name	Original		Page 17
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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				

Date	28/03/2023	EPLAN	Sc TEHNIMARKET srl	Parts list : PXC.2903308 -	= CA1
Ed	Nelu	TE_Perforator PET			+ EAA
Appr					
Modification	Date	Name	Original	Replaced by	IEC_bas001
					Page 17.a
					Page 20 / 21



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

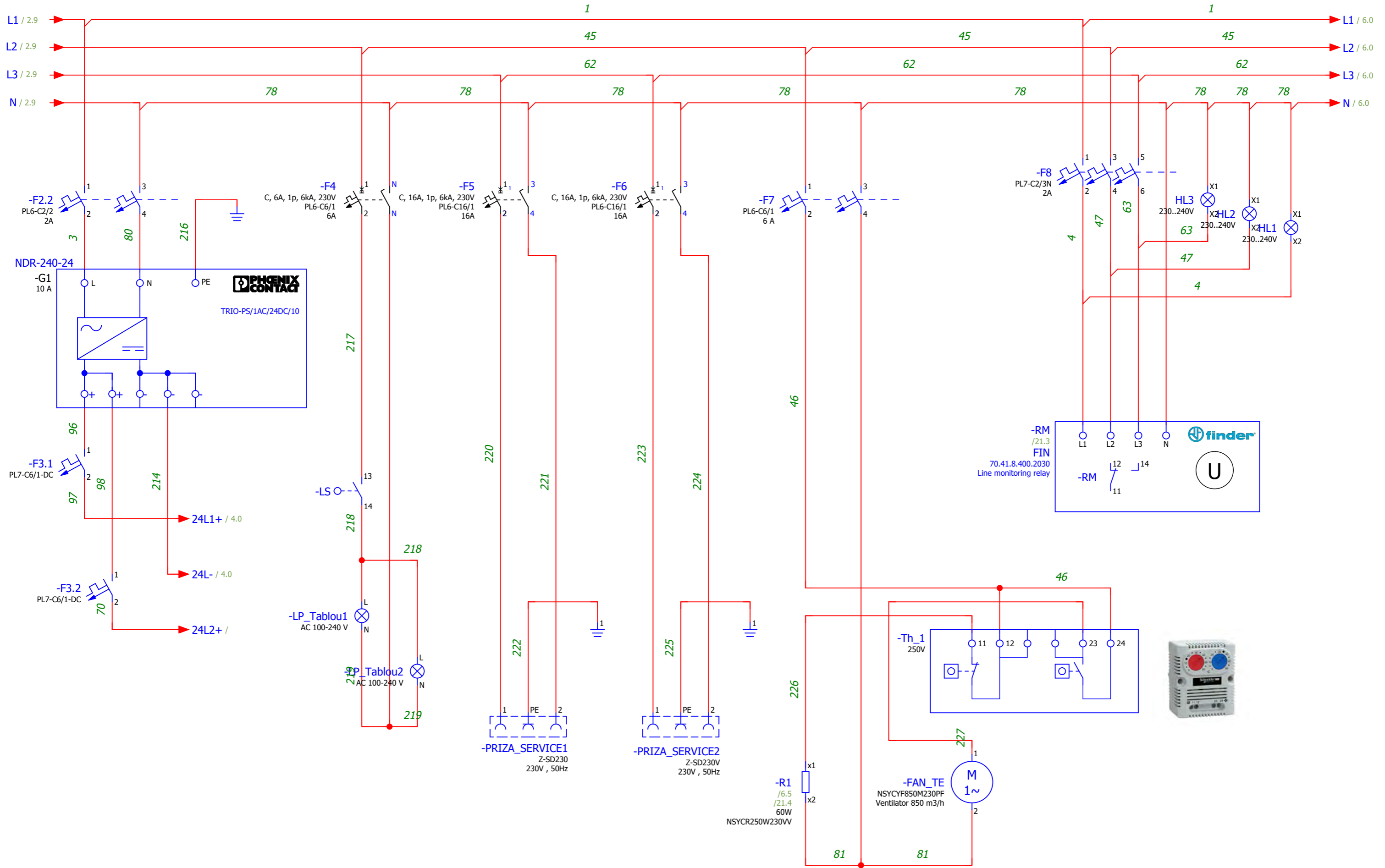
Part feature

Created on 16/03/2023

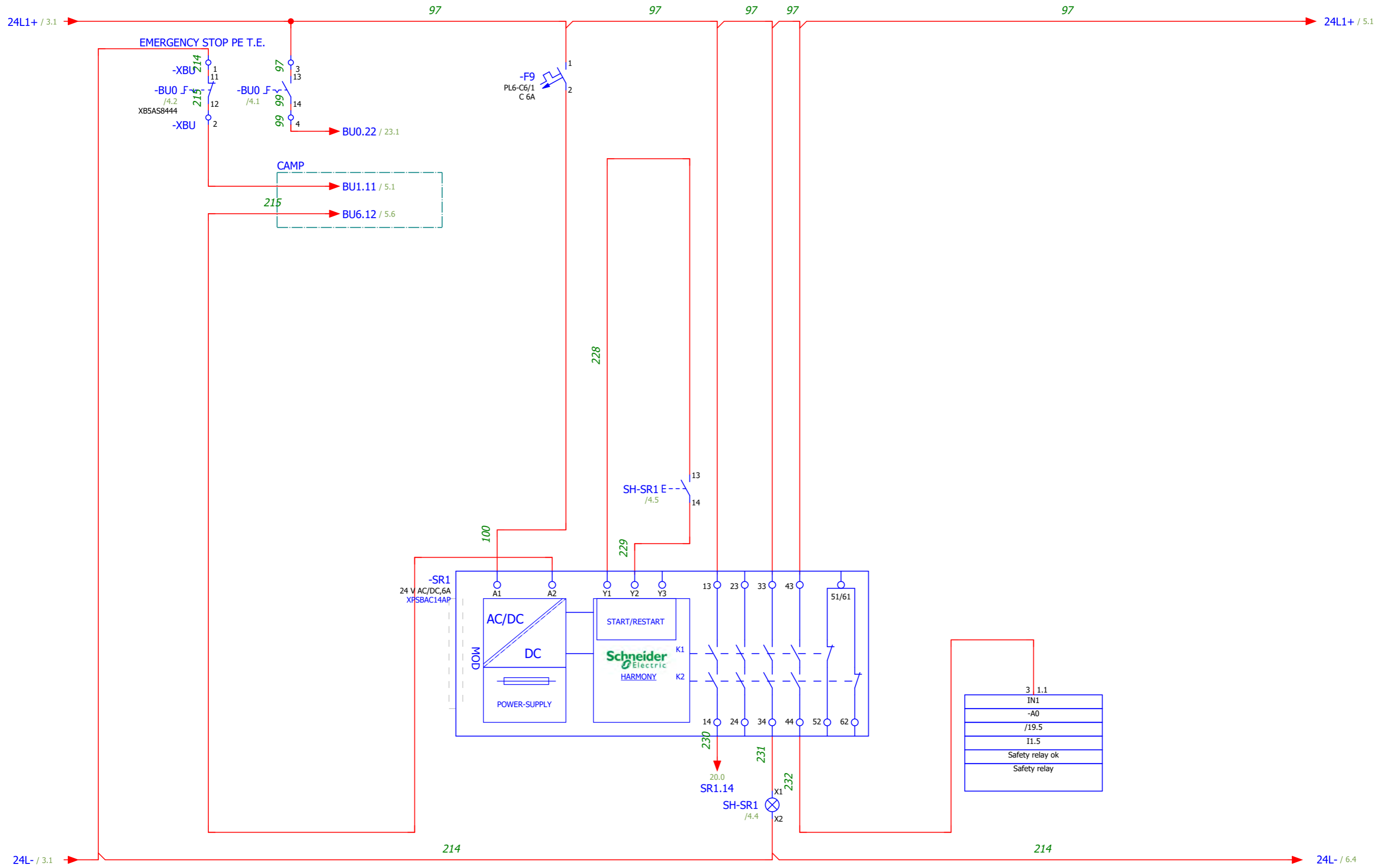
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Number of pages 119

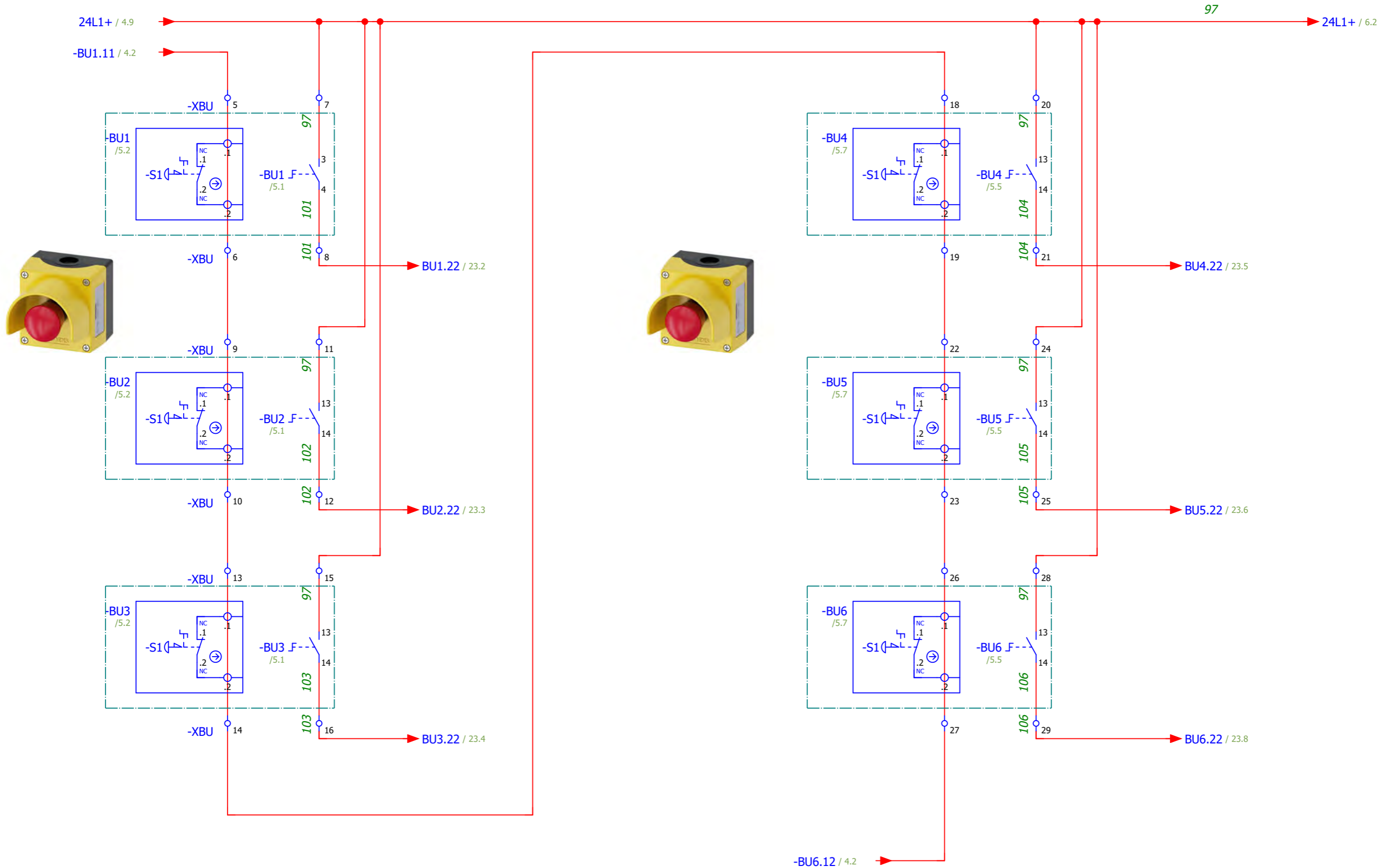
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Modification	Date	Name	Original		Replacement of	Replaced by		IEC_bas001	Page 1 / 119



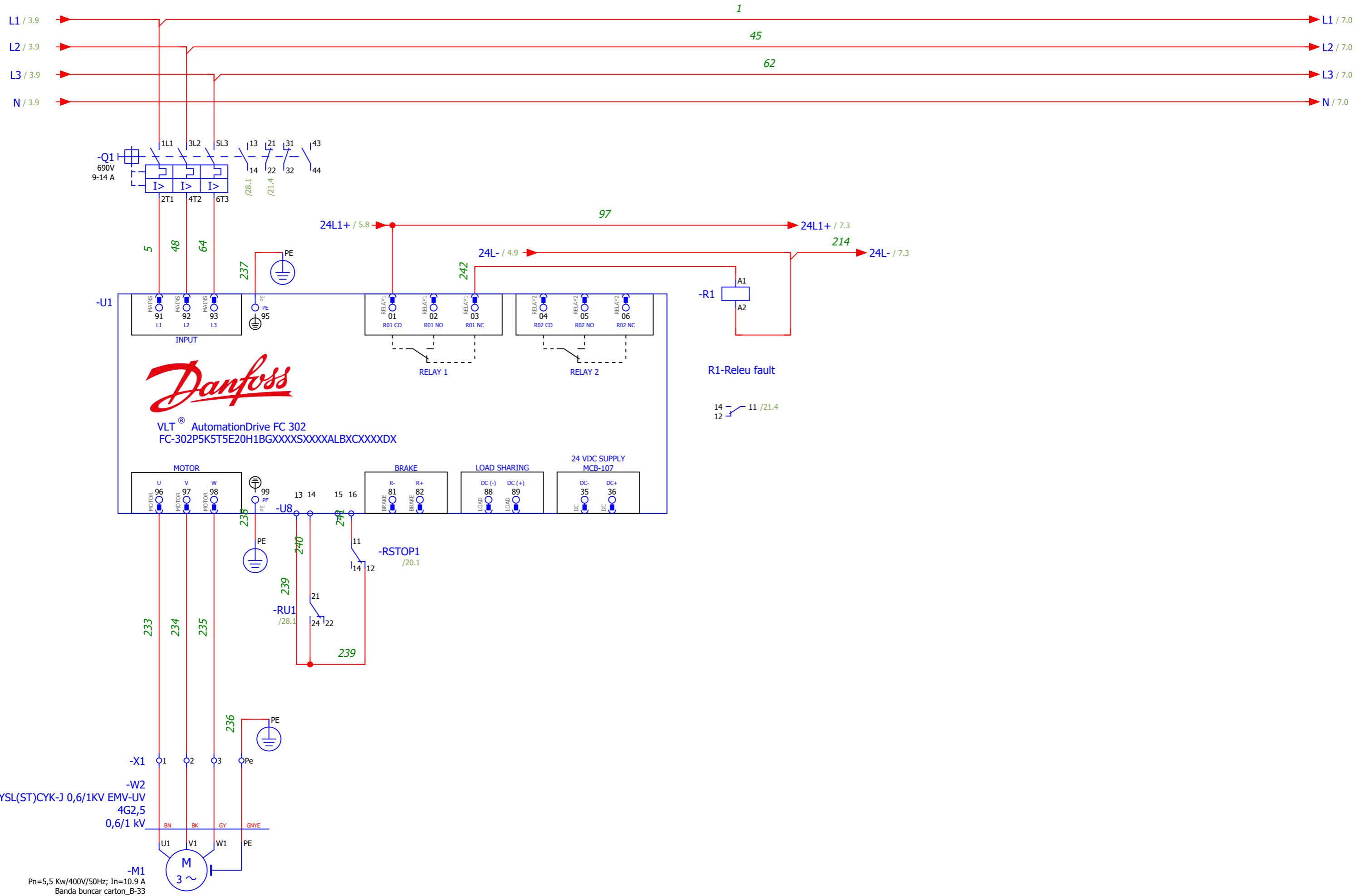
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				Appr		Replacement of		Replaced by				Page 3	
Modification	Date	Name	Original									IEC_bas001	
												Page 3 / 119	



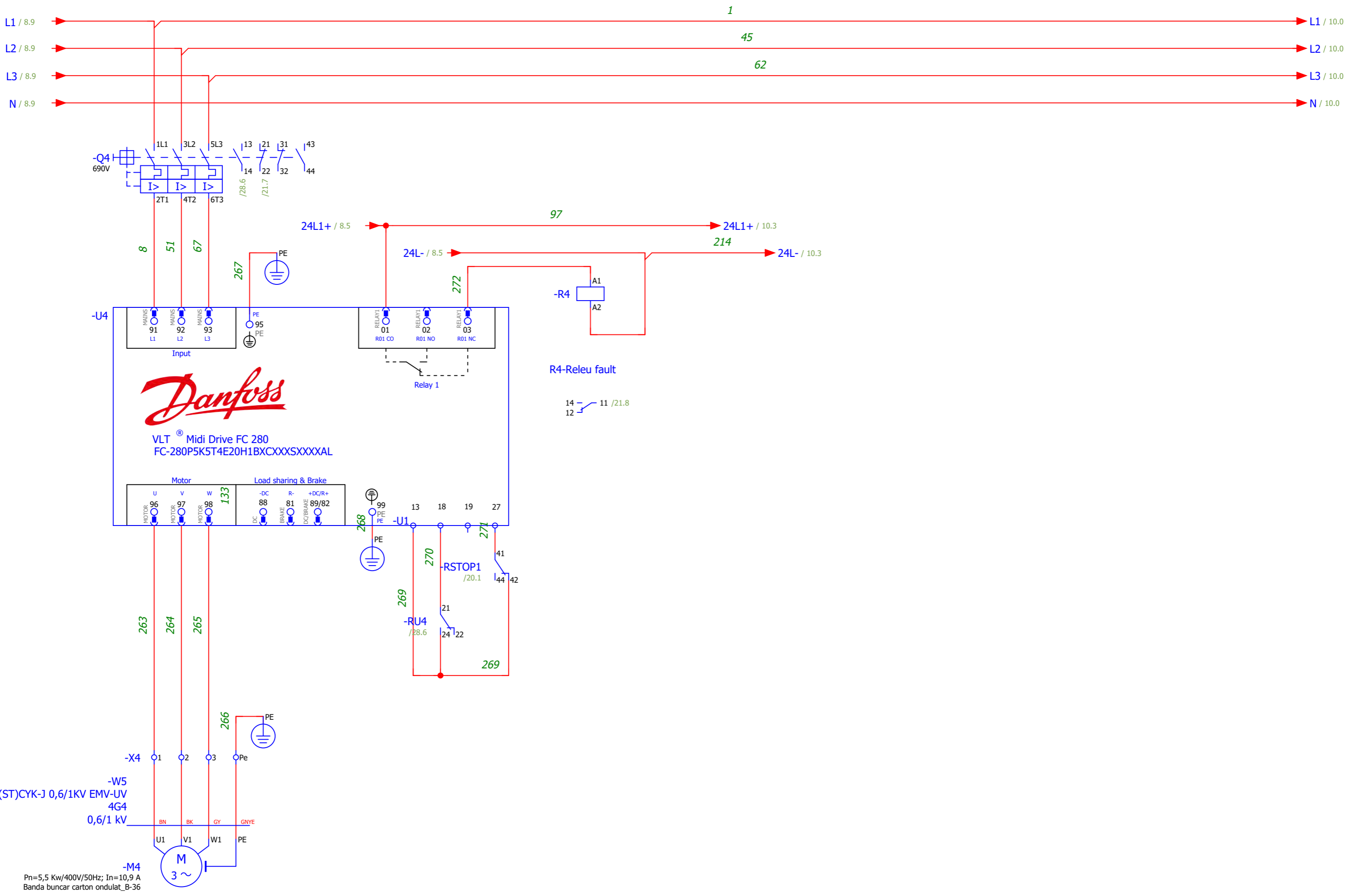
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			Ed	Nelu	TE_Benzi buncar					+ EAA	
			Appr		Replacement of					IEC_bas001	
Modification	Date	Name	Original		Replaced by					Page 4 / 119	



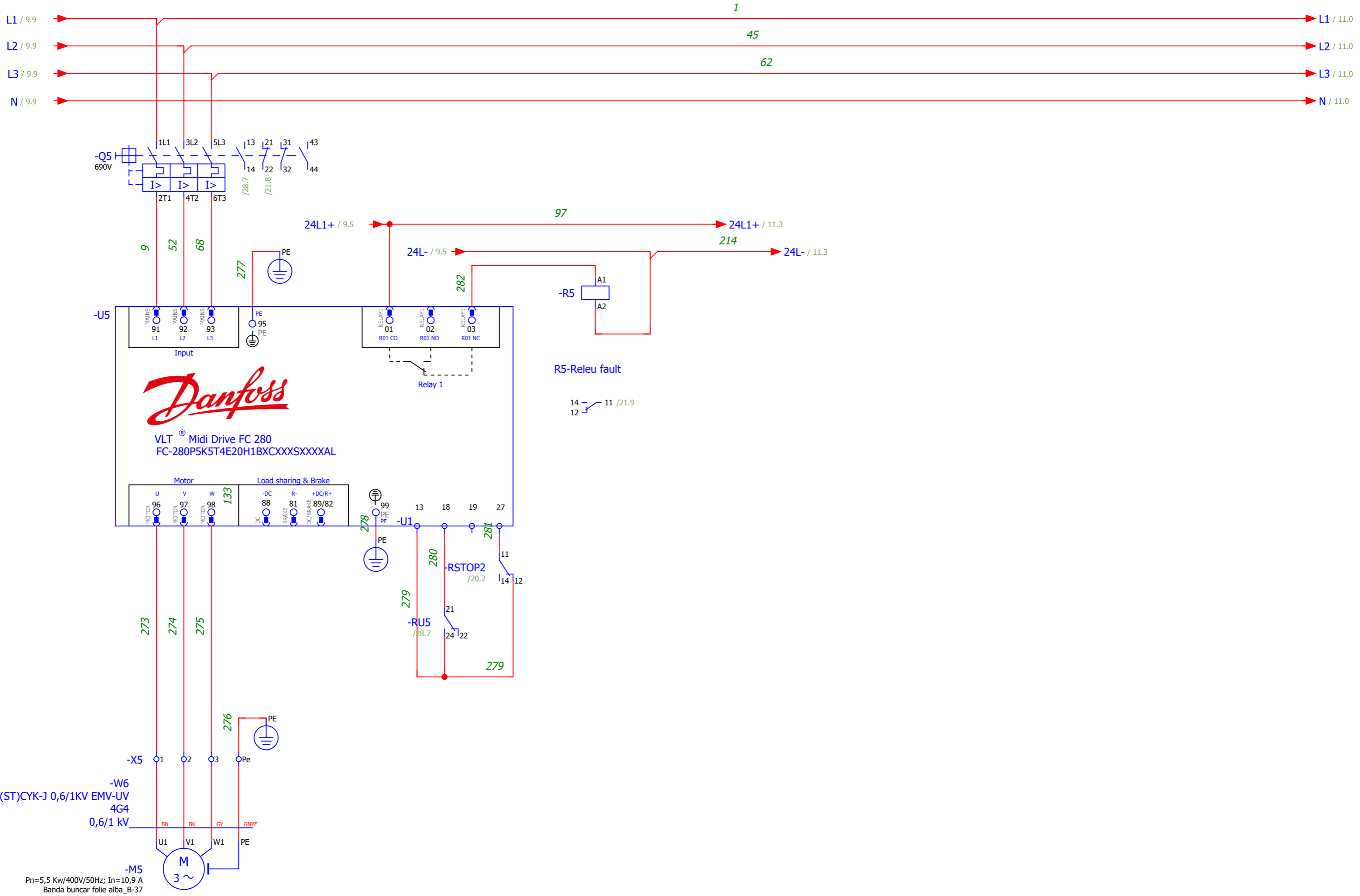
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			Appr						
Modification	Date	Name	Original		Replacement of	Replaced by		IEC_bas001	Page 5
									Page 5 / 119



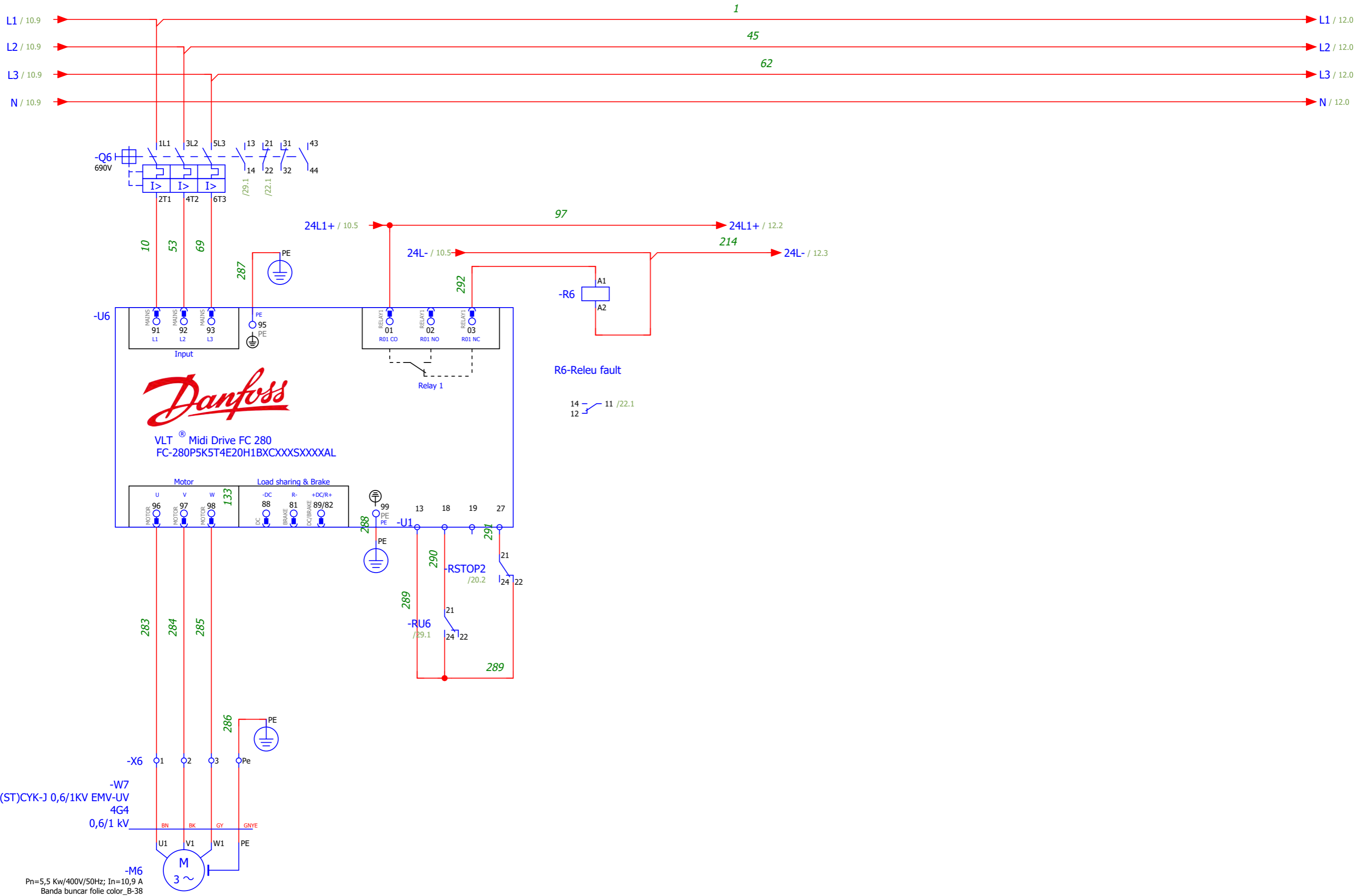
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				Ed Nelu		TE_Benzi buncar						+ EAA	
Modification				Date		Name		Original		Replacement of		Replaced by	
												IEC_bas001	
												Page 6	
												Page 6 / 119	



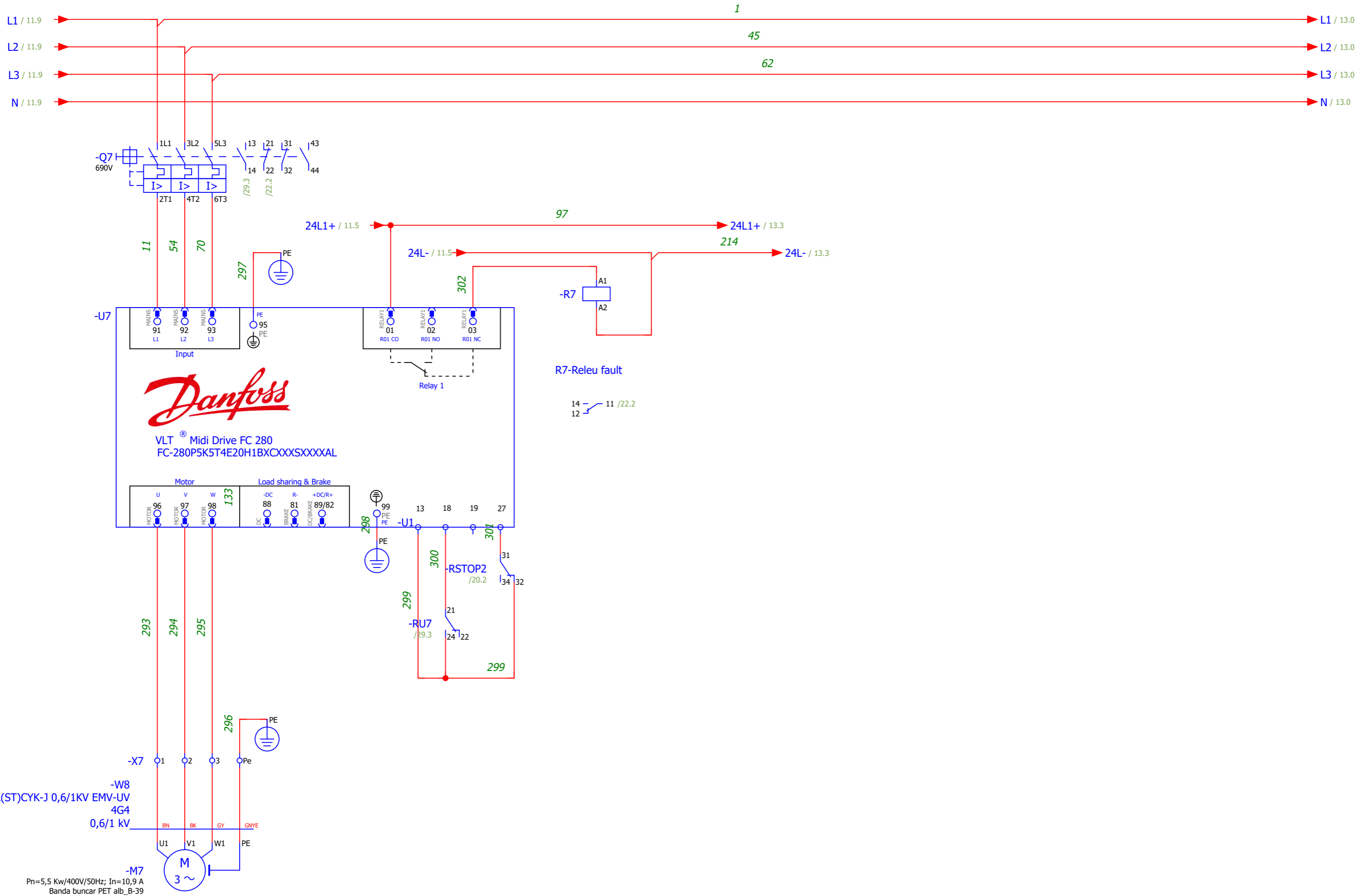
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				Nel		TE_Benzi buncar						+ EAA		Page 9			
Modification				Date		Name		Original		Replacement of		Replaced by		IEC_bas001		Page 9 / 119	



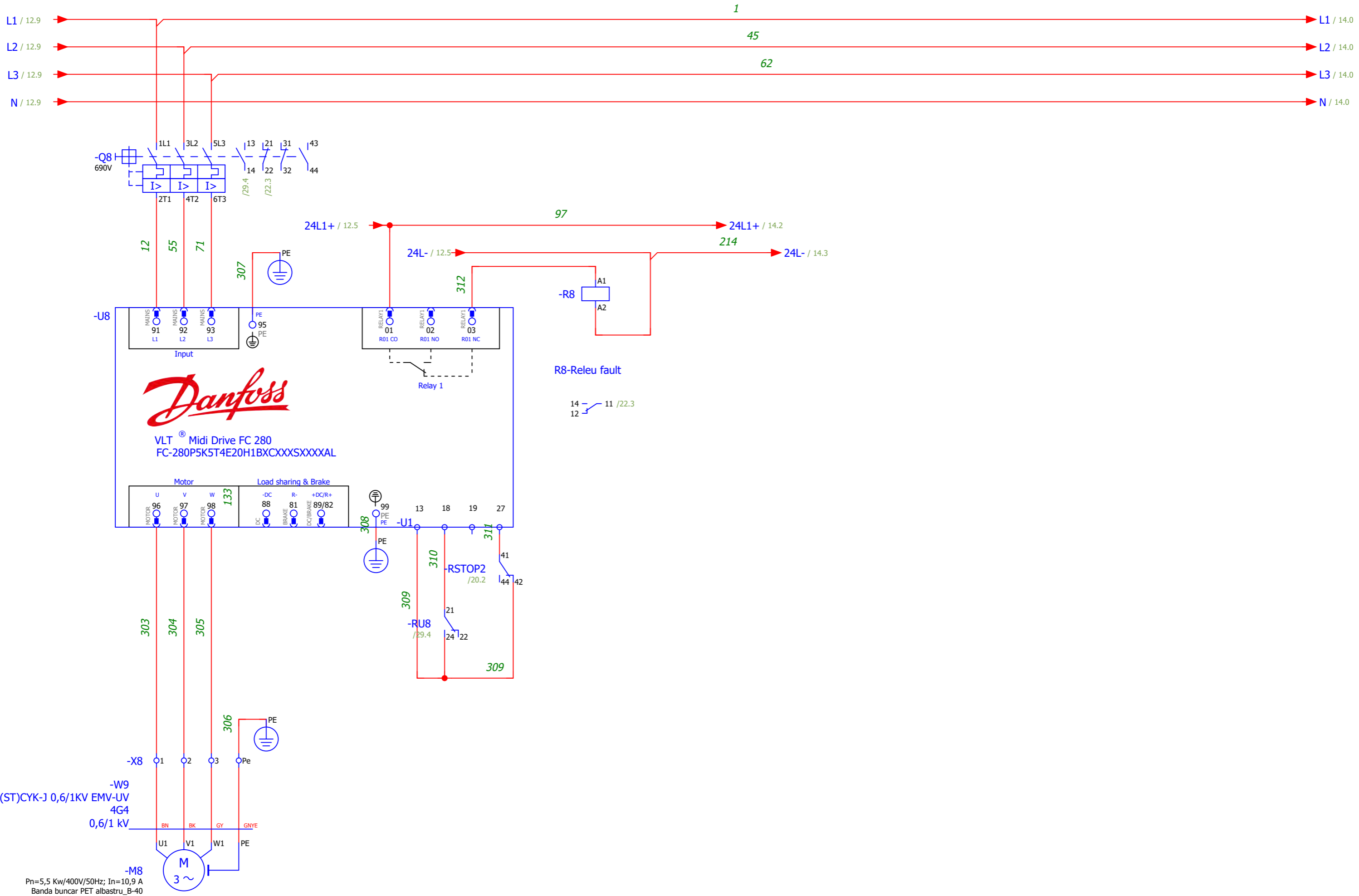
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Modification	Date	Name	Original	Replacement of	Replaced by			IEC_bas001	Page 10 / 119



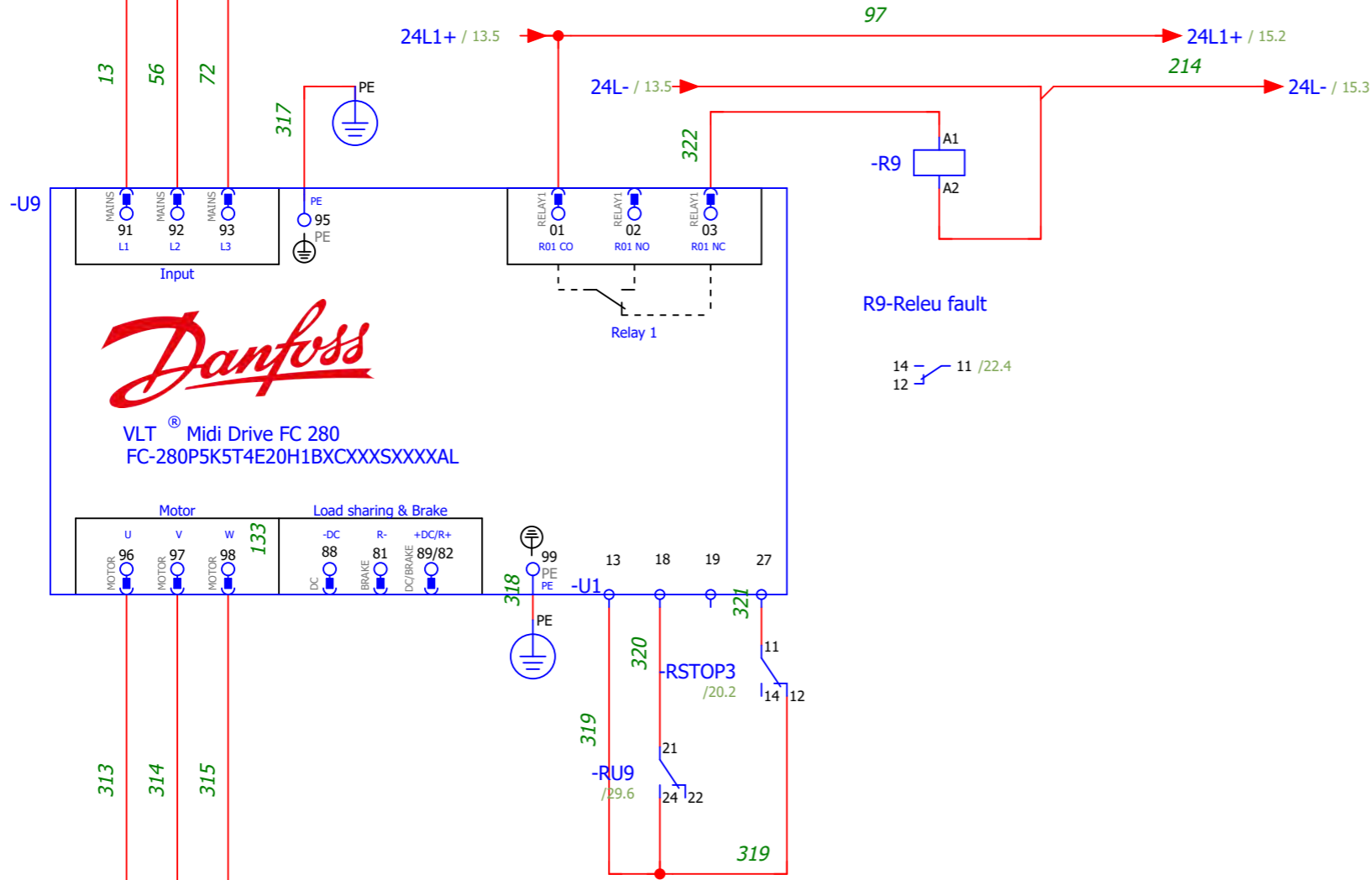
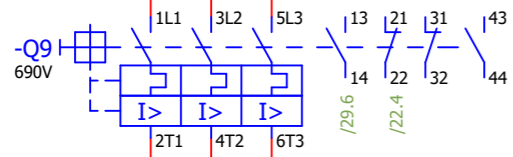
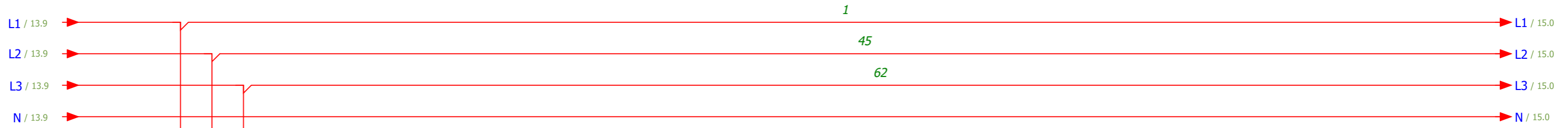
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Ed	Nelu	TE_Benzi buncar			+ EAA		
Appr		Replacement of	Replaced by		IEC_bas001	Page	11
Modification	Date	Name	Original			Page	11 / 119



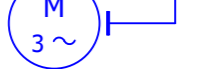
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Modification			Date		Name		Original		Replacement of		Replaced by	
											IEC_bas001	
											Page 12	
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			Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	M8	= CA1			
			Ed	Nelu						+ EAA	
			Appr								
Modification	Date	Name	Original		Replacement of	Replaced by		IEC_bas001	Page 13		
									Page 13 / 119		

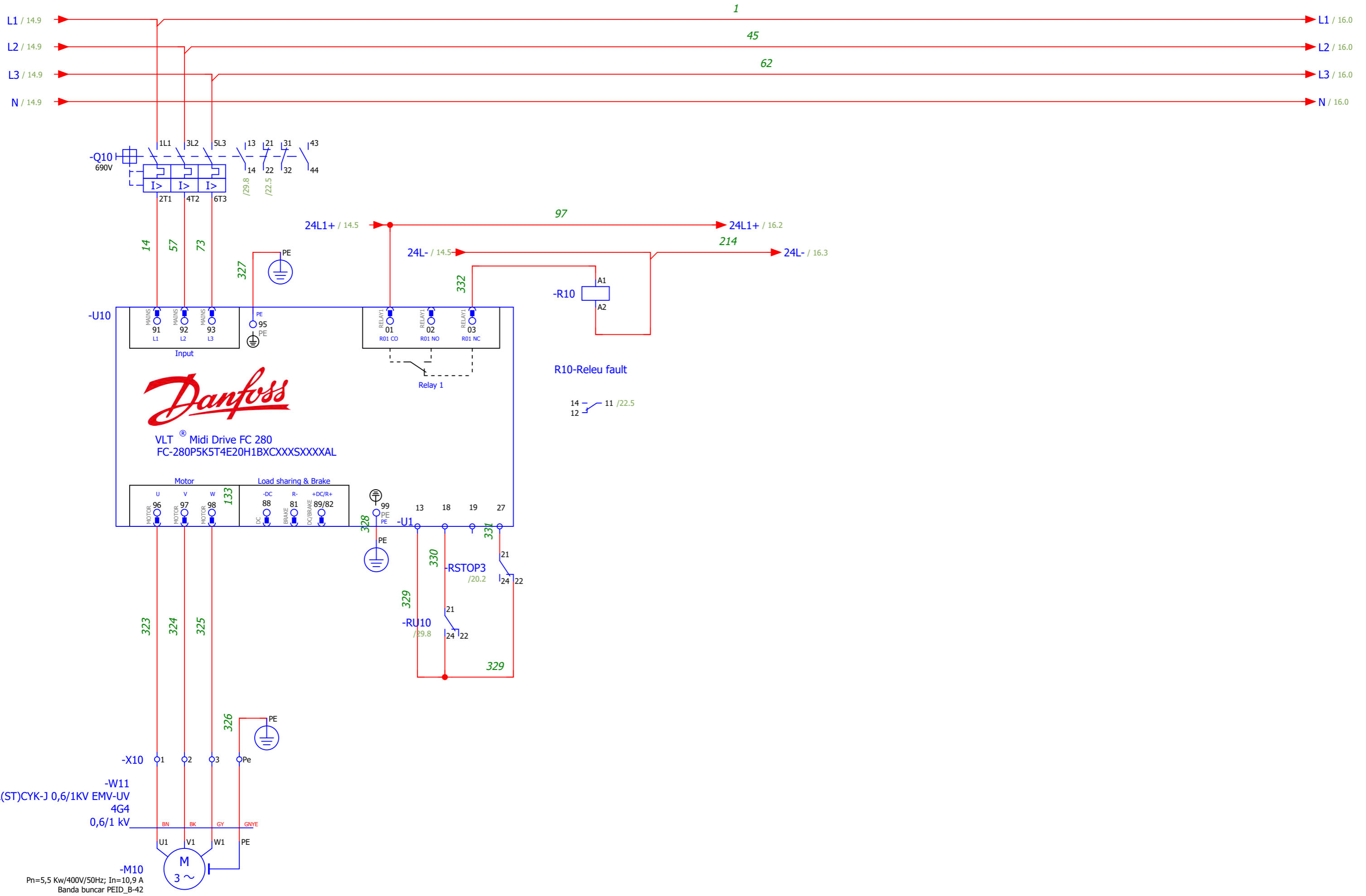


-W10
 2YSL(ST)CYK-J 0,6/1KV EMV-UV
 4G4
 0,6/1 kV

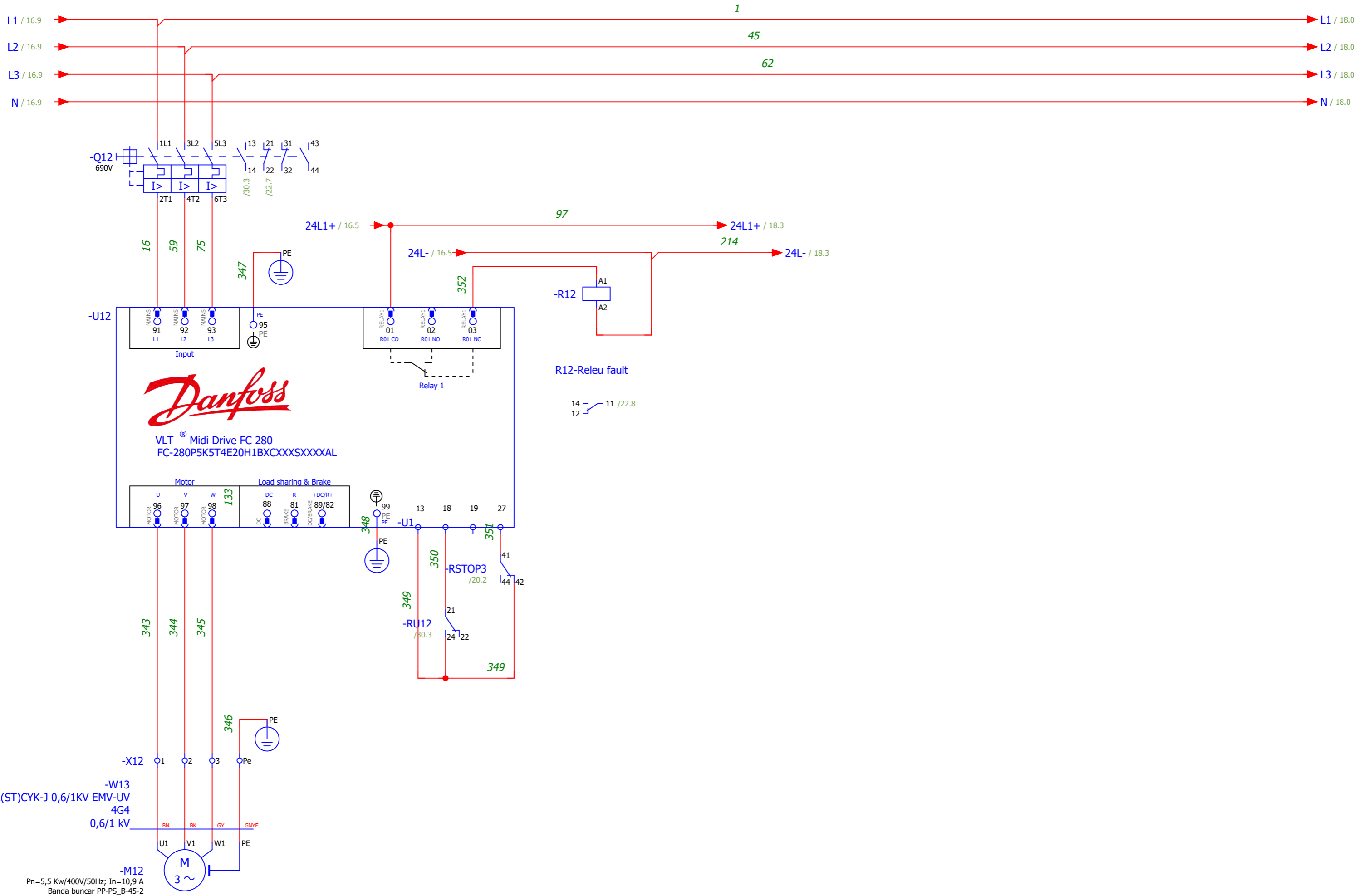


-M9
 Pn=5,5 Kw/400V/50Hz; In=10,9 A
 Banda buncar PET color_B-41

			Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	M9	= CA1			
			Ed	Nelu						+ EAA	
			Appr								
Modification	Date	Name	Original		Replacement of	Replaced by		IEC_bas001	Page 14 / 119		

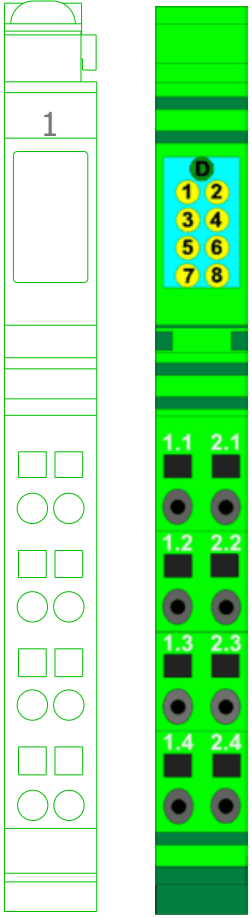


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			Ed	Nelu				
			Appr					
Modification	Date	Name	Original		Replacement of	Replaced by		IEC_bas001
								Page 15 / 119



			Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	M12	= CA1	
			Ed	Nelu				+ EAA	
			Appr						
Modification	Date	Name	Original		Replacement of	Replaced by		IEC_bas001	Page 17
									Page 17 / 119

-A1



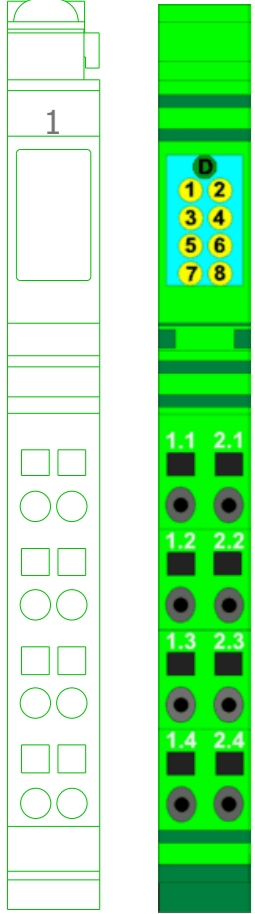
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- IN3 1.2
- IN5 1.3
- IN7 1.4
- IN2 2.1
- IN4 2.2
- IN6 2.3
- IN8 2.4

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

IB IL 24 DI8/HD-PAC

			Date	16/03/2023	EPLAN	Sc TEHNIMARKET Srl.	PLC	= CA1			
			Ed	Nelu				+ EAA			
			Appr		TE_Benzi buncar			IEC_bas001		Page	19.a
Modification	Date	Name	Original		Replacement of	Replaced by				Page	20 / 119

-A3

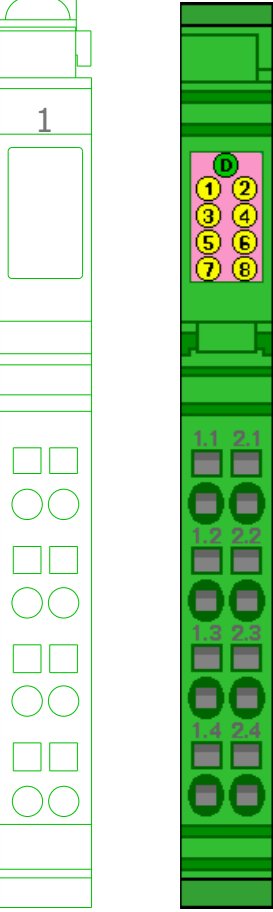


- IN1 1.1
- IN3 1.2
- IN5 1.3
- IN7 1.4
- IN2 2.1
- IN4 2.2
- IN6 2.3
- IN8 2.4

I6.5	Buton urgenta	BU0_pe T.E.	/23.1
I6.6	Buton urgenta	BU1	/23.2
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			

IB IL 24 DI8/HD-PAC

-A5



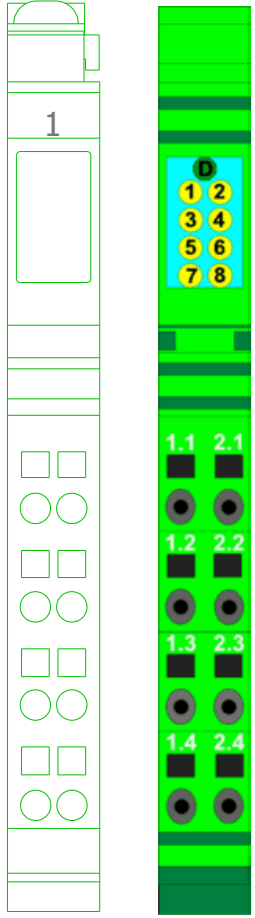
IB IL 24 DO 8/HD-ECO



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

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

-A6



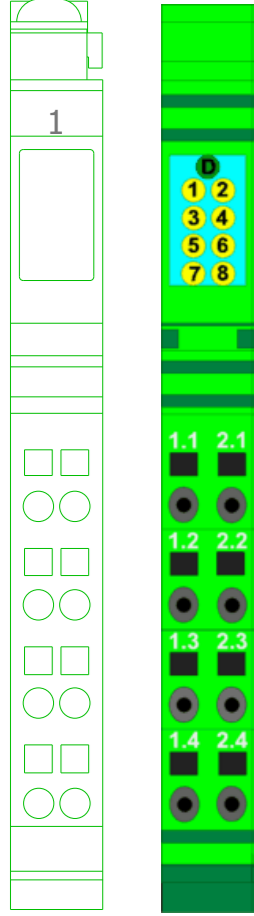
IB IL 24 DI8/HD-PAC



- 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

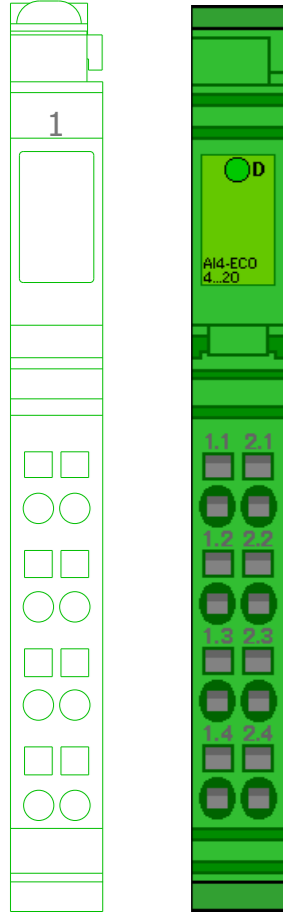


- IN1 1.1
- IN3 1.2
- IN5 1.3
- IN7 1.4
- IN2 2.1
- IN4 2.2
- IN6 2.3
- IN8 2.4

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			

IB IL 24 DI8/HD-PAC

-A8



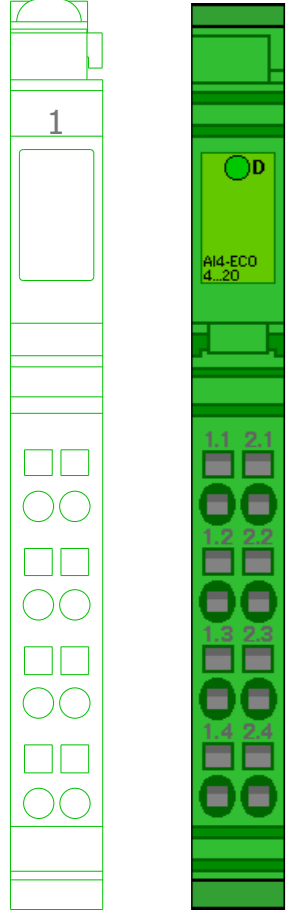
IB IL AI 4/I/4-20-ECO



- 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

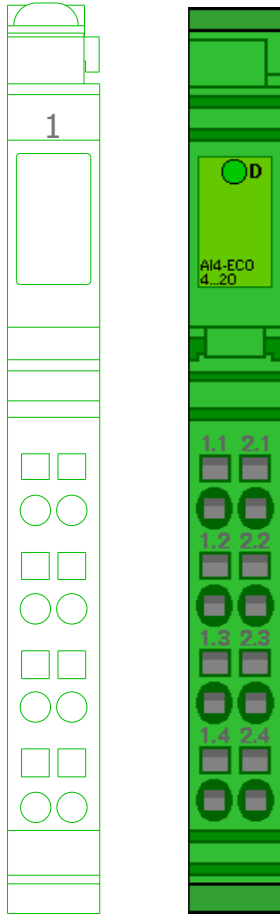


- IN01 1.1
- IN02 1.2
- IN03 1.3
- IN04 1.4
- GND01 2.1
- GND02 2.2
- GND03 2.3
- GND04 2.4

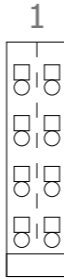
ID68	Analog I IN 01	Senzor_nivel_37	/26.e.0
ID72	Analog I IN 02	Senzor_nivel_38	/26.e.3
ID76	Analog I IN 03	Senzor_nivel_39	/26.e.5
ID80	Analog I IN 04	Senzor_nivel_40	/26.e.7

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

-A10



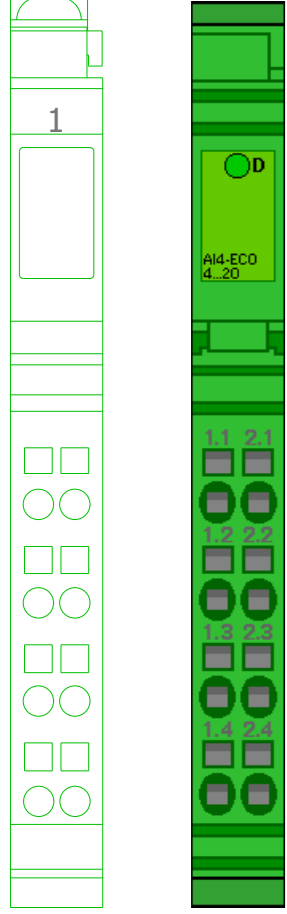
IB IL AI 4/I/4-20-ECO



- 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

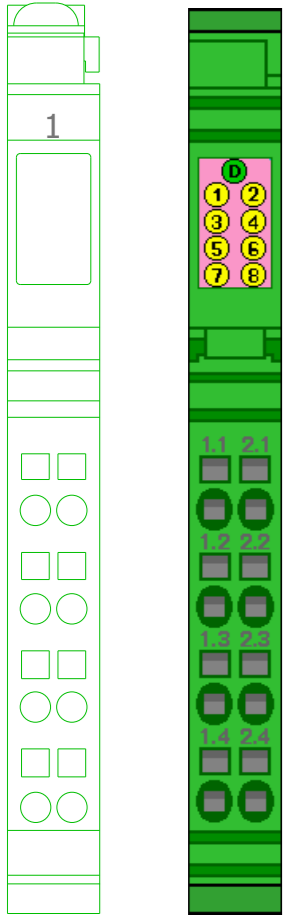


IB IL AI 4/I/4-20-ECO



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

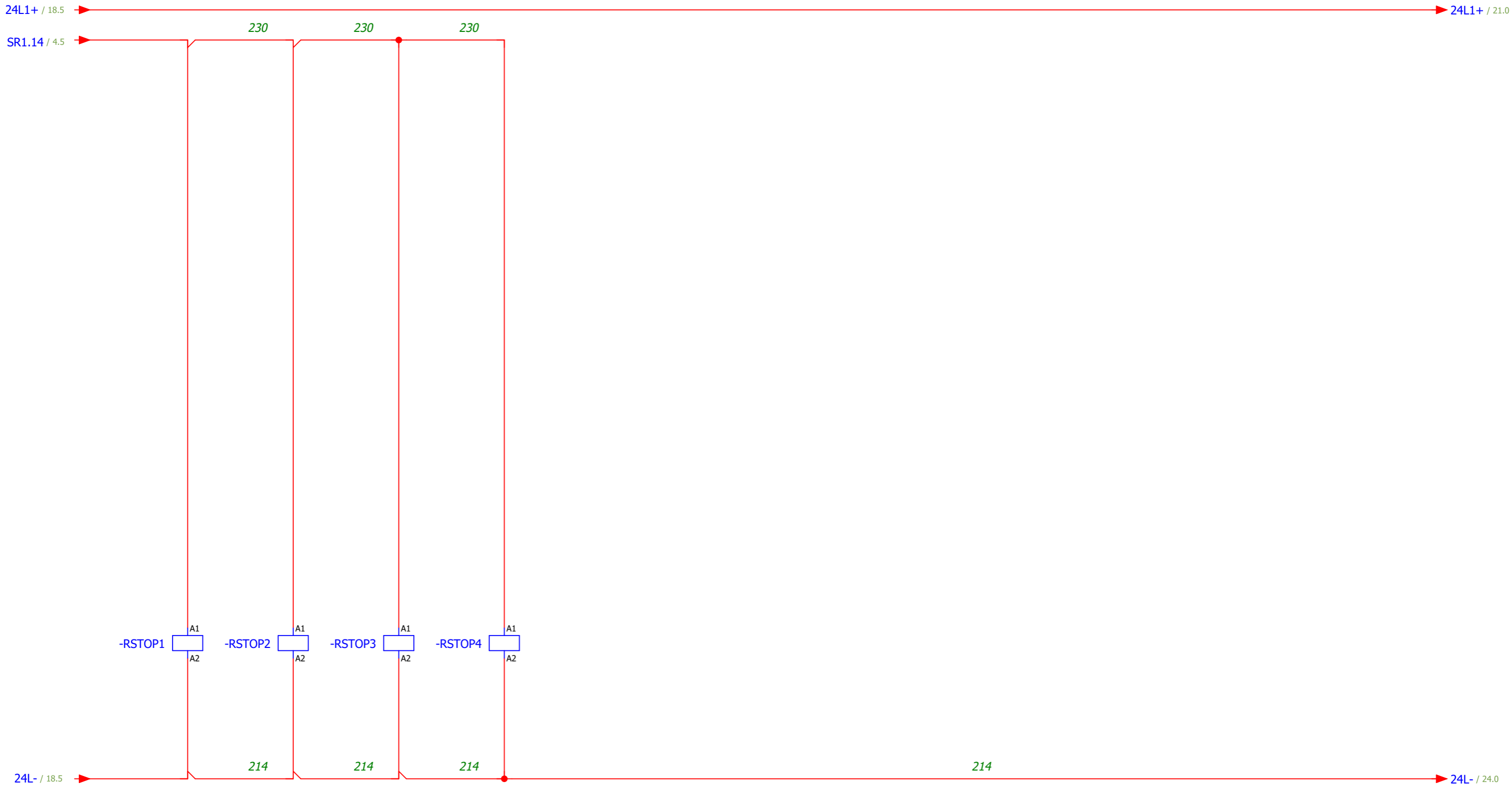
-A13



IB IL 24 DO 8/HD-ECO

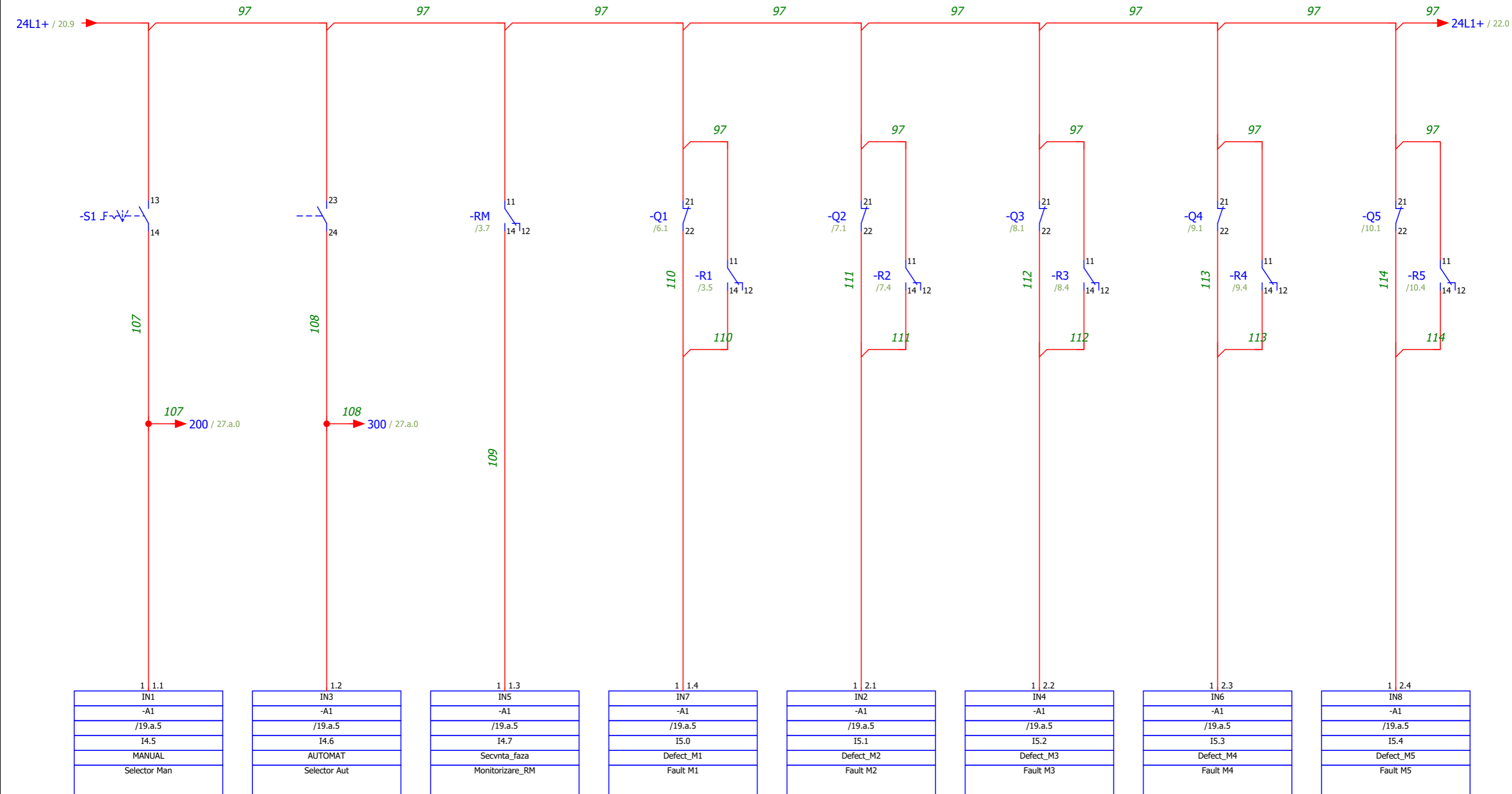
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	OUT03	1.2	Q11.4	Semnalizare	L-pa buncar plin B45-1	/26.a.2
	OUT05	1.3	Q11.5			
	OUT07	1.4	Q11.6			
	OUT02	2.1	Q11.7			
	OUT04	2.2	Q12.0			
	OUT06	2.3	Q12.1			
	OUT08	2.4	Q12.2			

Modification		Date	Name	Original	Replacement of	Replaced by	Sc TEHNIMARKET Srl.	PLC		= CA1 + EAA	IEC_bas001	Page 19.m Page 32 / 119
				Date								
EPLAN												
TE_Benzi buncar												
Date					30/03/2023							
Ed					Nelu							
Appr												



- 14 - 11 /6.2
- 12 - 21 /7.3
- 24 - 31 /8.3
- 32 - 41 /9.3
- 44 - 41 /9.3
- 42 - 41 /9.3
- 14 - 11 /10.3
- 12 - 21 /11.3
- 24 - 31 /12.3
- 32 - 41 /13.3
- 44 - 41 /13.3
- 42 - 41 /13.3
- 14 - 11 /14.3
- 12 - 21 /15.3
- 24 - 31 /16.3
- 32 - 41 /17.3
- 44 - 41 /17.3
- 42 - 41 /17.3
- 14 - 11 /18.3

			Date	30/03/2023	EPLAN		Sc TEHNIMARKET Srl.	I/O			= CA1
			Ed	Nelu	TE_Benzi buncar						+ EAA
			Appr		Replacement of		Replaced by				Page 20
Modification	Date	Name	Original						IEC_bas001		Page 33 / 119



1 1.1
IN1
-A1
/19.a.5
I4.5
MANUAL
Selector Man

1 1.2
IN3
-A1
/19.a.5
I4.6
AUTOMAT
Selector Aut

1 1.3
IN5
-A1
/19.a.5
I4.7
Secvnta_faza
Monitorizare_RM

1 1.4
IN7
-A1
/19.a.5
I5.0
Defect_M1
Fault M1

1 2.1
IN2
-A1
/19.a.5
I5.1
Defect_M2
Fault M2

1 2.2
IN4
-A1
/19.a.5
I5.2
Defect_M3
Fault M3

1 2.3
IN6
-A1
/19.a.5
I5.3
Defect_M4
Fault M4

1 2.4
IN8
-A1
/19.a.5
I5.4
Defect_M5
Fault M5

Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	I/O	= CA1
Ed	Nelu	TE_Benzi buncar			+ EAA
Appr		Replacement of	Replaced by		IEC_bas001
Modification	Date	Name	Original		Page 21
					Page 34 / 119

-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 urgenta

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

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

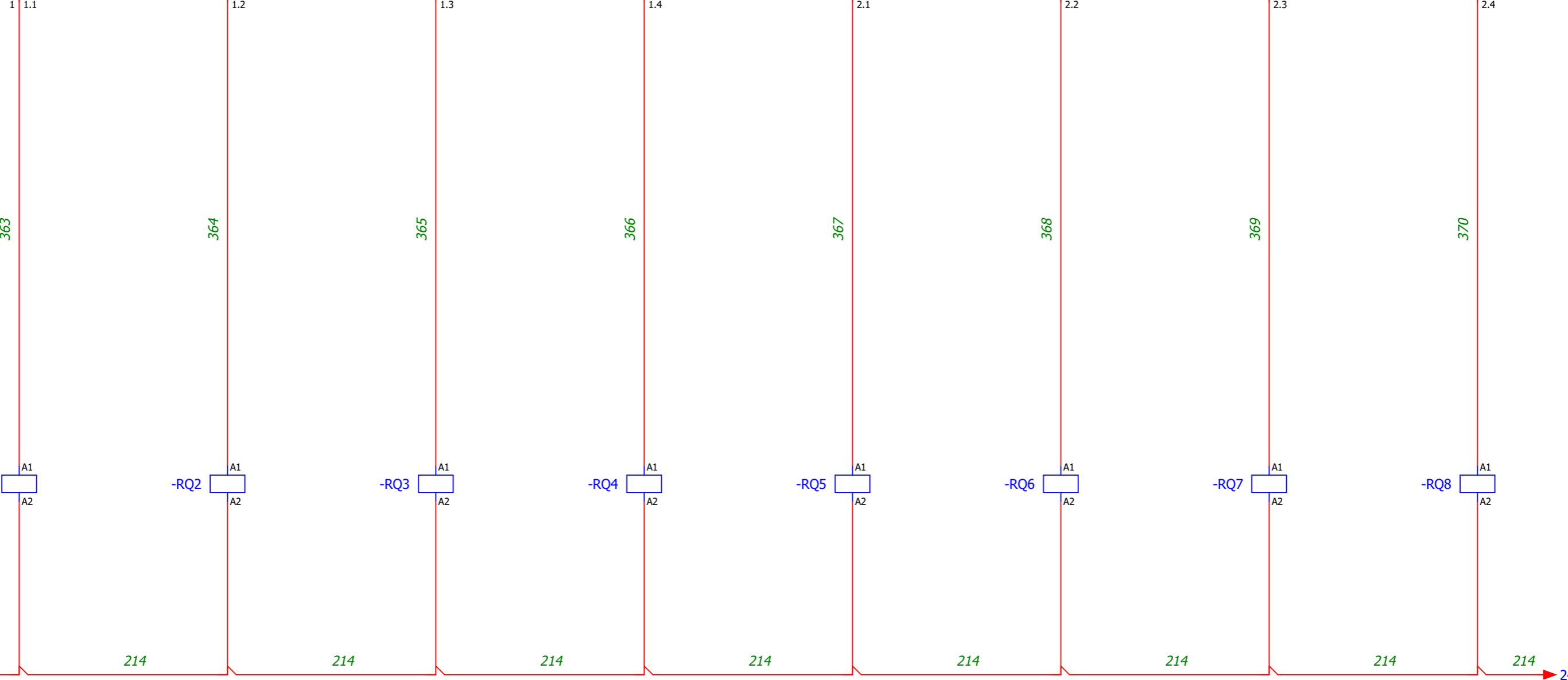
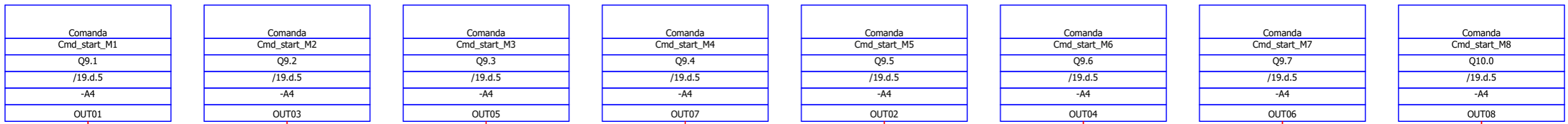
1 1.4
IN7
-A3
/19.c.5
I7.0
BU3
Buton urgenta

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

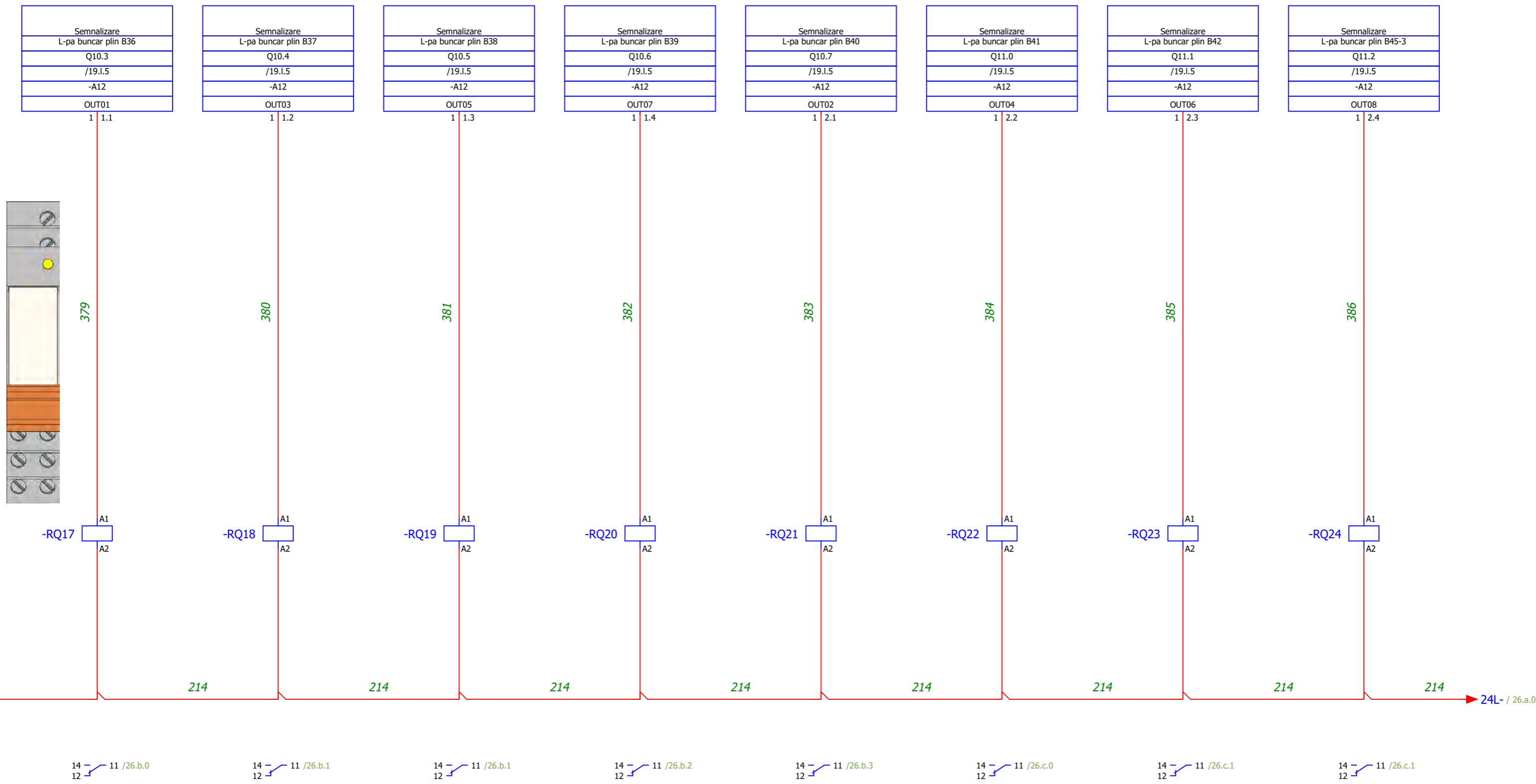
1 2.2
IN4
-A3
/19.c.5
I7.2
BU5
Buton urgenta

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

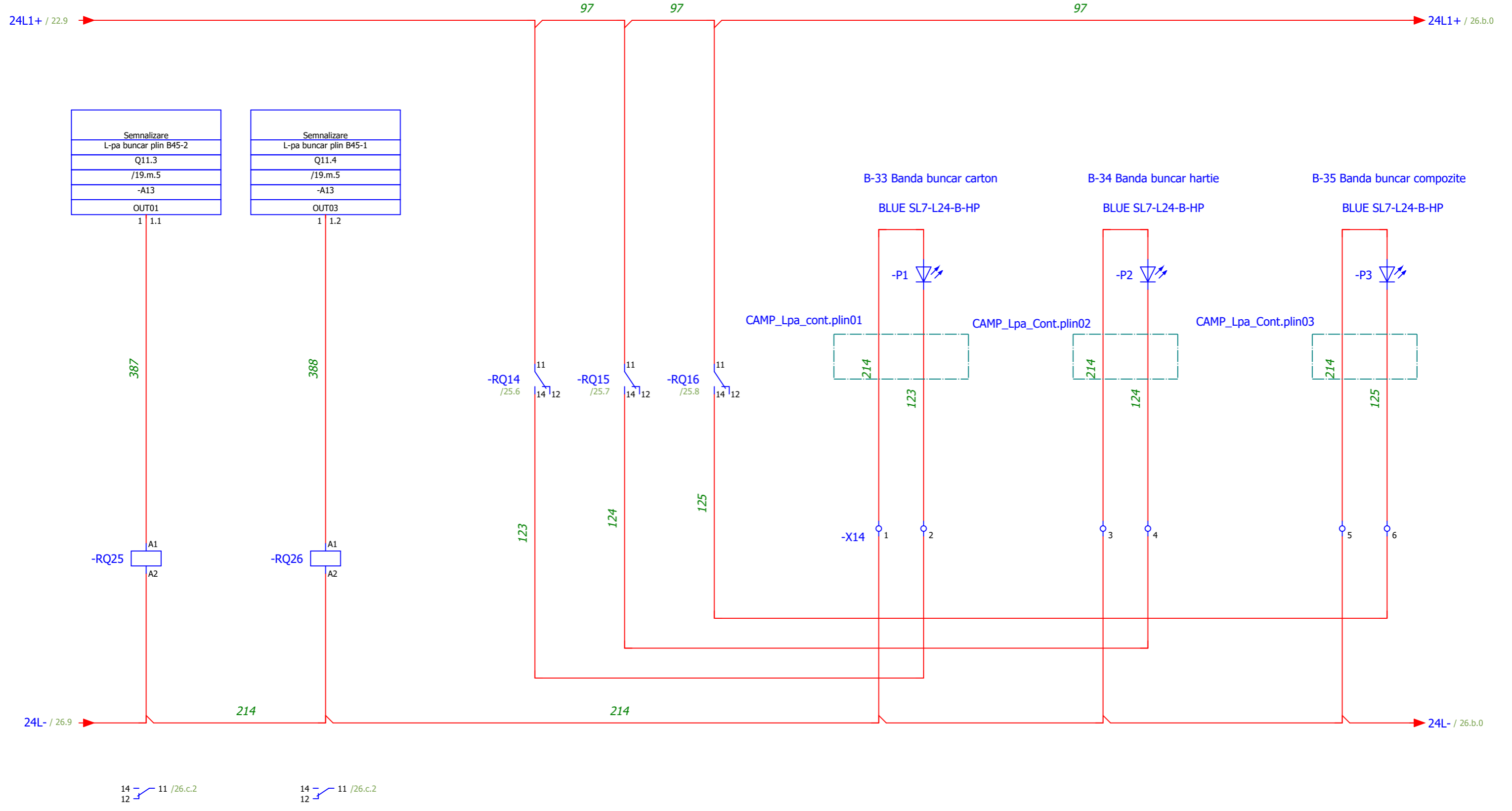
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			Ed	Nelu	TE_Benzi buncar					+ EAA
			Appr		Replacement of					
Modification	Date	Name	Original		Replaced by				IEC_bas001	Page 23
										Page 36 / 119



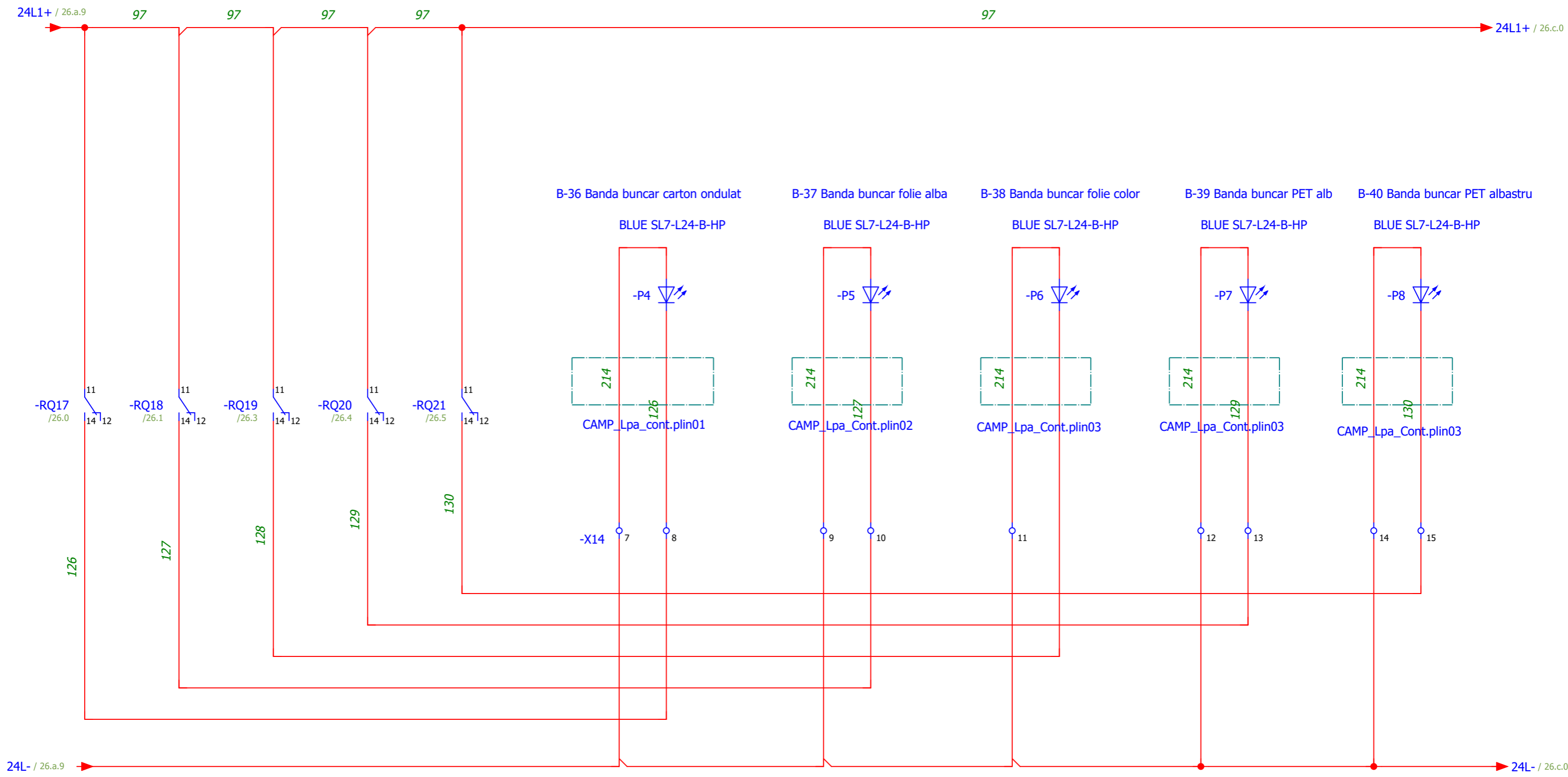
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			Ed	Nelu	TE_Benzi buncar						+ EAA	
			Appr		Replacement of		Replaced by				IEC_bas001	
Modification	Date	Name	Original								Page 24	
											Page 37 / 119	



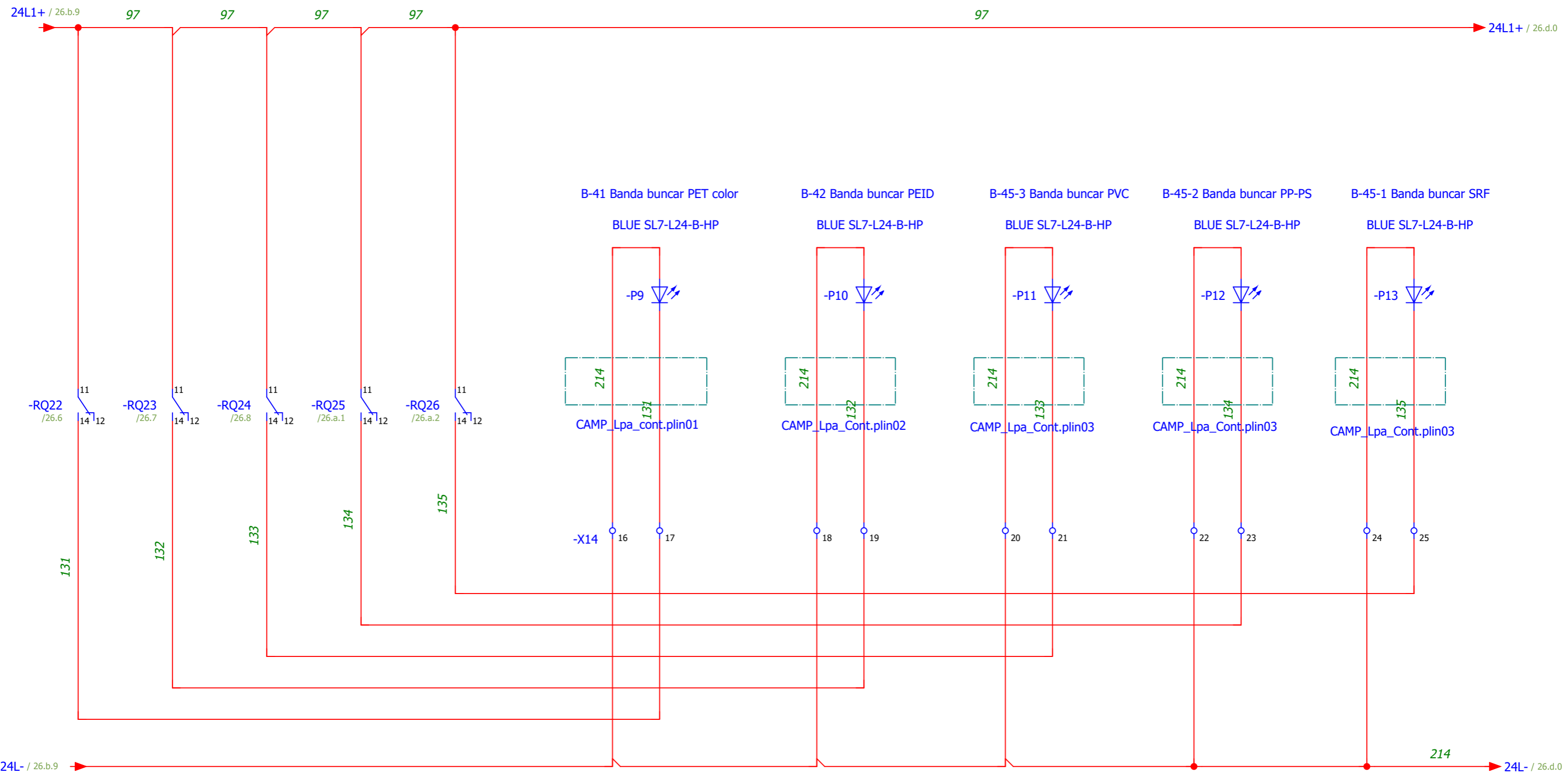
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			Ed	Nelu	TE_Benzi buncar						+ EAA	
			Appr		Replacement of		Replaced by				IEC_bas001	
Modification	Date	Name	Original								Page	26
											Page	39 / 119



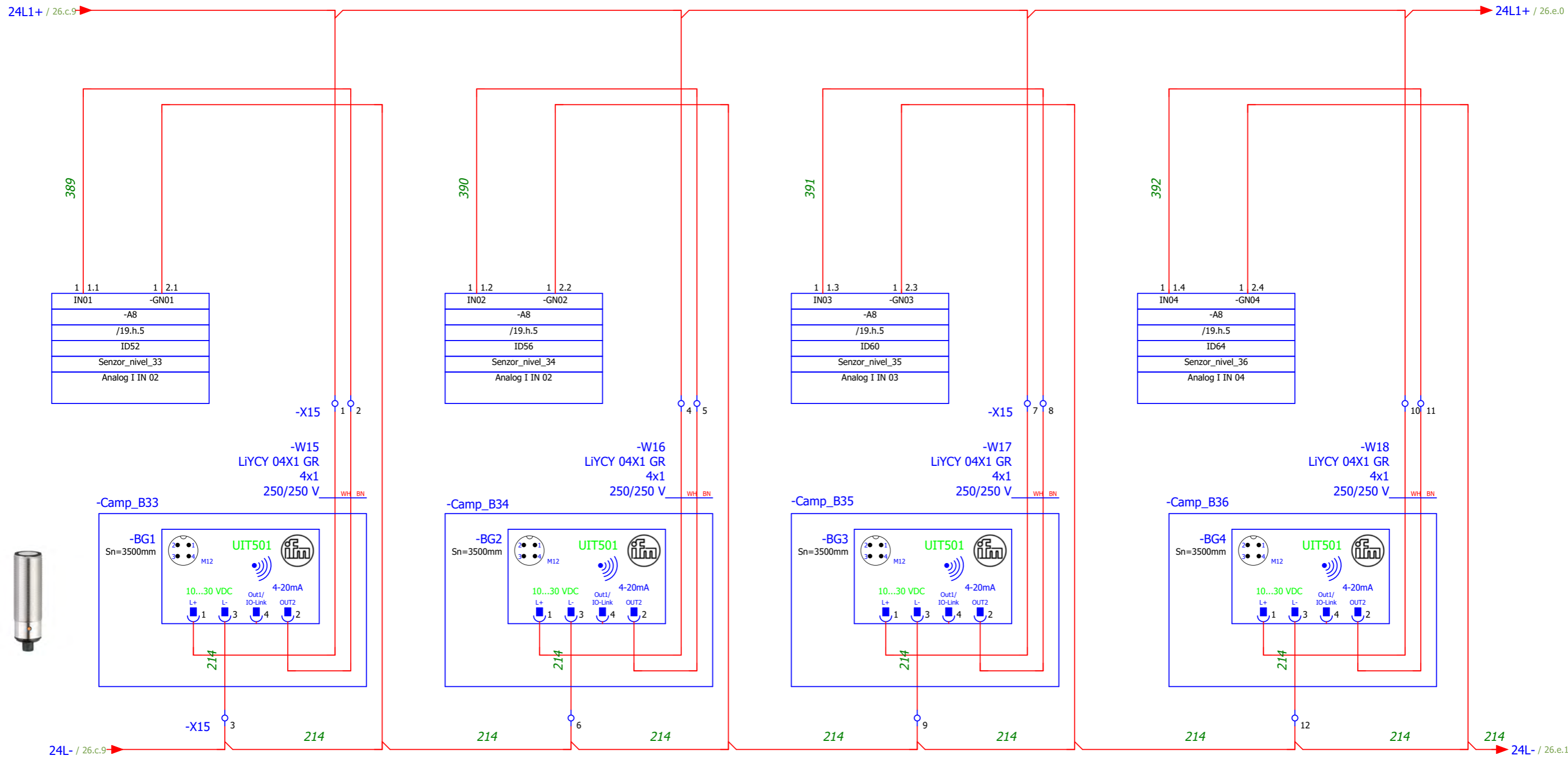
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			Ed	Nelu	TE_Benzi bunzar						+ EAA	
			Appr		Replacement of		Replaced by				Page 26.a	
Modification	Date	Name	Original						IEC_bas001		Page 40 / 119	



			Date	30/03/2023	EPLAN		Sc TEHNIMARKET Srl.		I/O		= CA1	
			Ed	Nelu	TE_Benzi buncar						+ EAA	
			Appr		Replacement of		Replaced by				Page 26.b	
Modification	Date	Name	Original						IEC_bas001		Page 41 / 119	



			Date	30/03/2023	EPLAN		Sc TEHNIMARKET Srl.		I/O		= CA1	
			Ed	Nelu	TE_Benzi buncar						+ EAA	
			Appr		Replacement of		Replaced by				Page 26.c	
Modification	Date	Name	Original						IEC_bas001		Page 42 / 119	



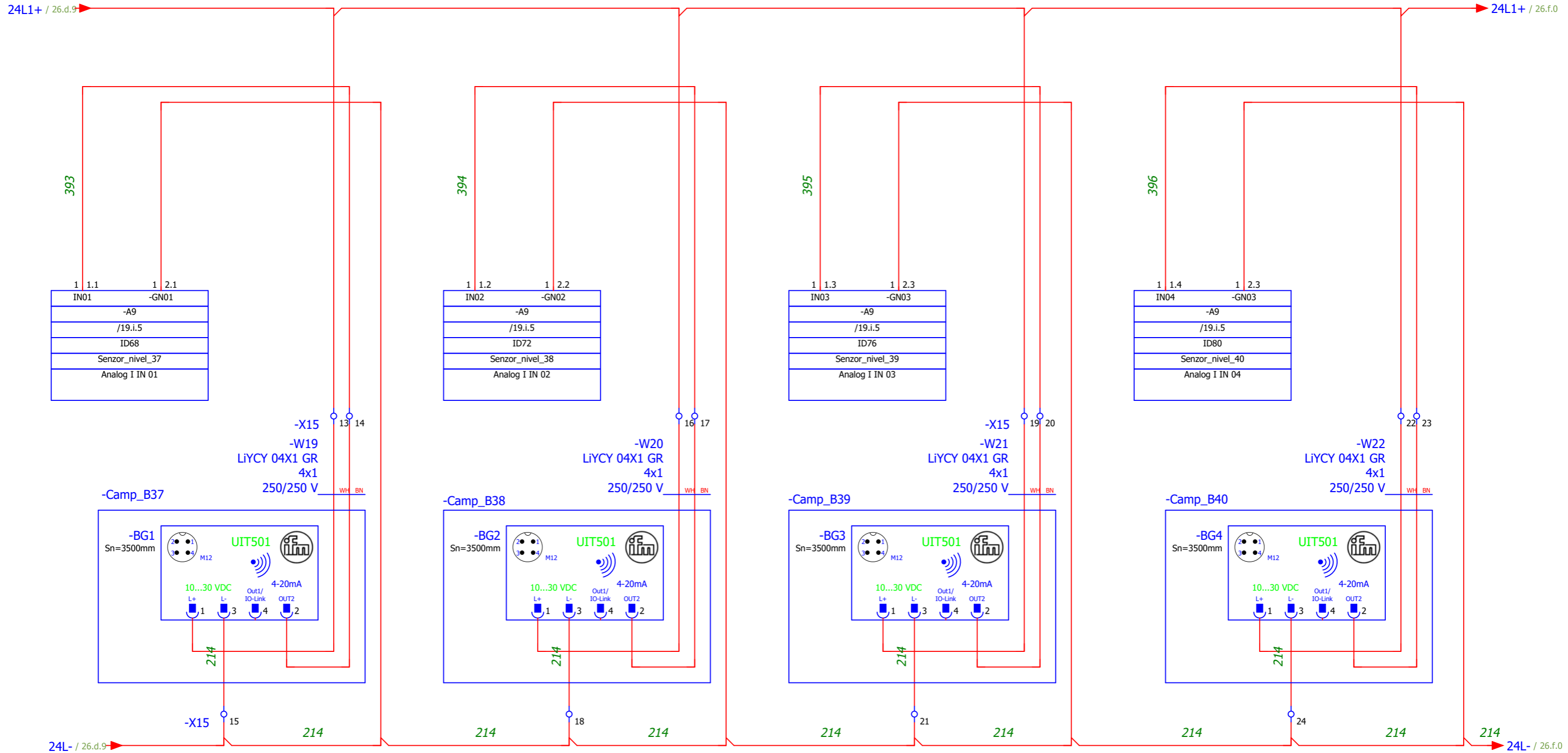
SENZOR ULTRASONIC DIFUZ UIT501

SENZOR ULTRASONIC DIFUZ UIT501

SENZOR ULTRASONIC DIFUZ UIT501

SENZOR ULTRASONIC DIFUZ UIT501

Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	Senz_ultrasonici_nivel	= CA1
Ed	Nelu	TE_Benzi buncar			+ EAA
Appr		Replacement of	Replaced by		Page 26.d
Modification	Date	Name	Original		Page 43 / 119
				IEC_bas001	



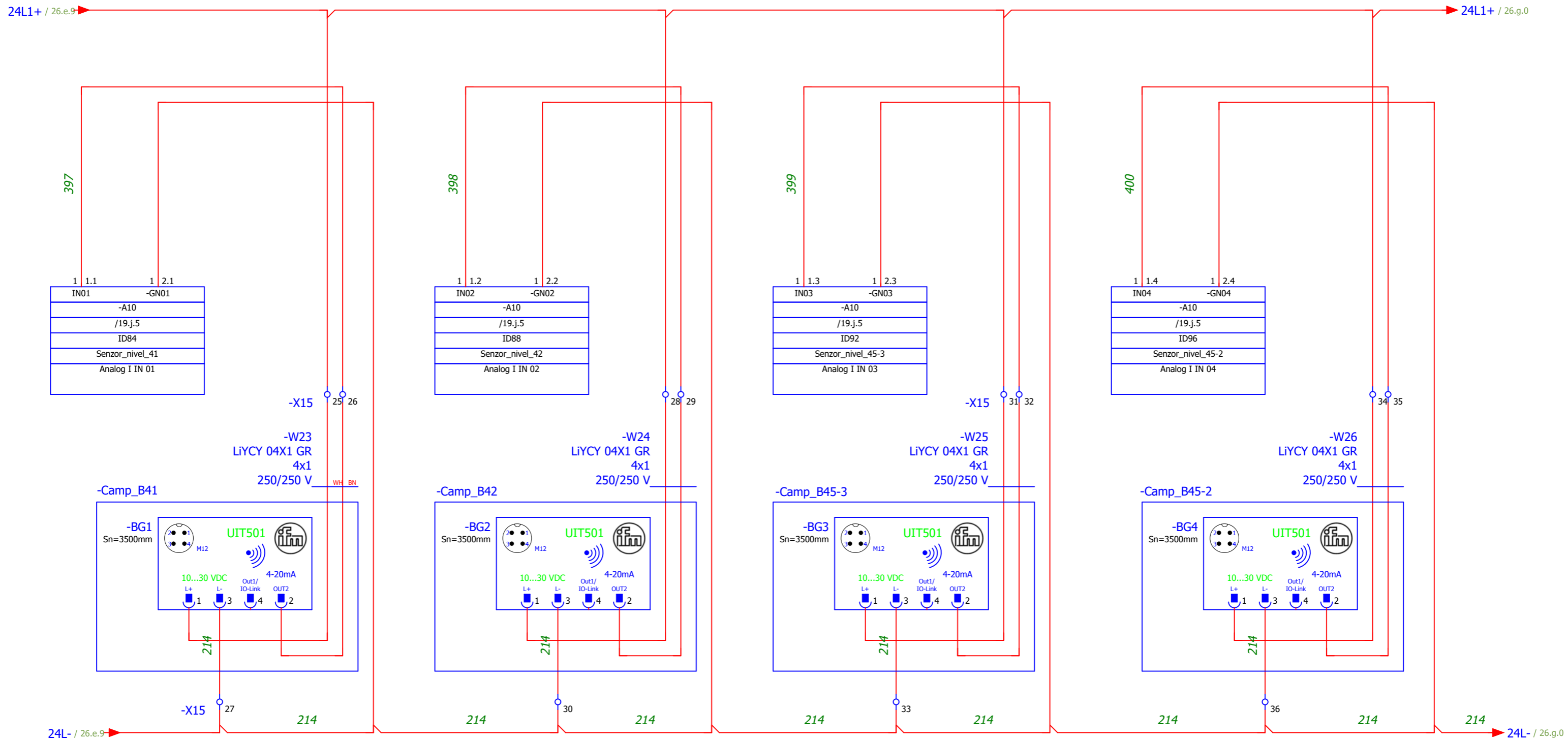
SENZOR ULTRASONIC DIFUZ UIT501

SENZOR ULTRASONIC DIFUZ UIT501

SENZOR ULTRASONIC DIFUZ UIT501

SENZOR ULTRASONIC DIFUZ UIT501

Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	Senz_ultrasonici_nivel	= CA1
Ed	Nelu	TE_Benzi buncar			+ EAA
Appr		Replacement of	Replaced by		
Modification	Date	Name	Original		IEC_bas001
					Page 26.e
					Page 44 / 119



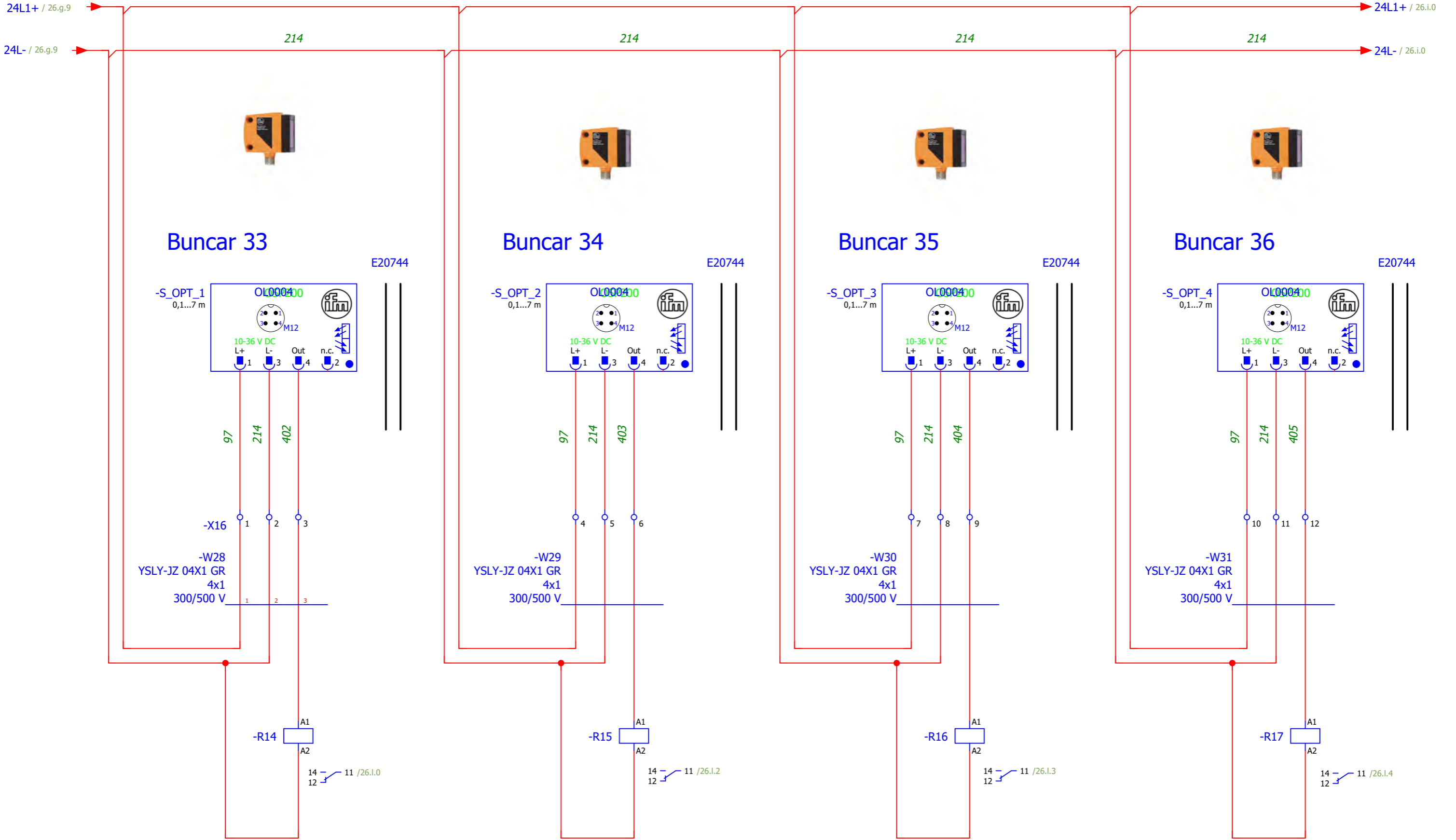
SENZOR ULTRASONIC DIFUZ UIT501

SENZOR ULTRASONIC DIFUZ UIT501

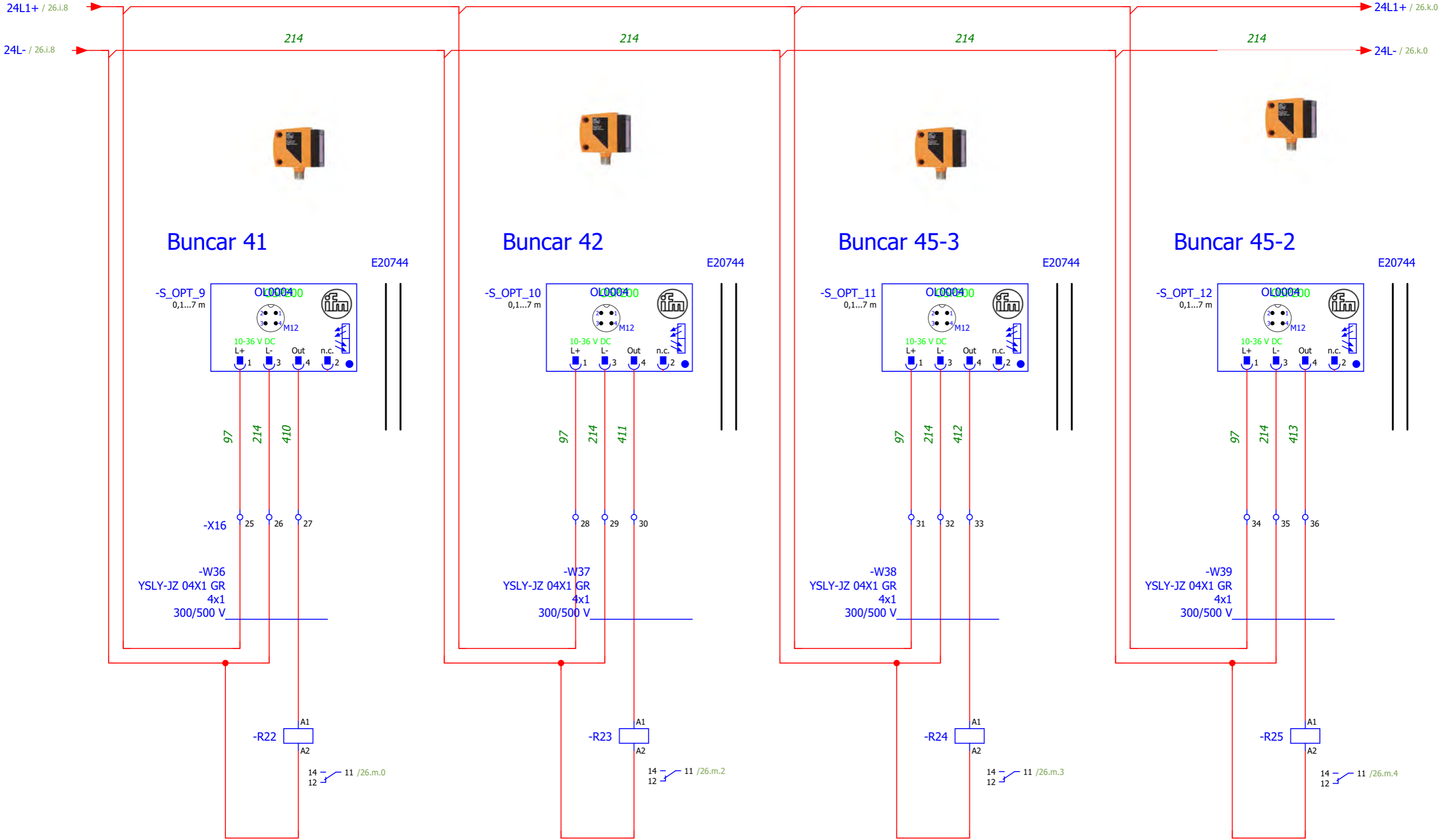
SENZOR ULTRASONIC DIFUZ UIT501

SENZOR ULTRASONIC DIFUZ UIT501

Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	Senz_ultrasonici_nivel	= CA1
Ed	Nelu	TE_Benzi buncar			+ EAA
Appr		Replacement of	Replaced by		
Modification	Date	Name	Original		IEC_bas001
					Page 26.f
					Page 45 / 119

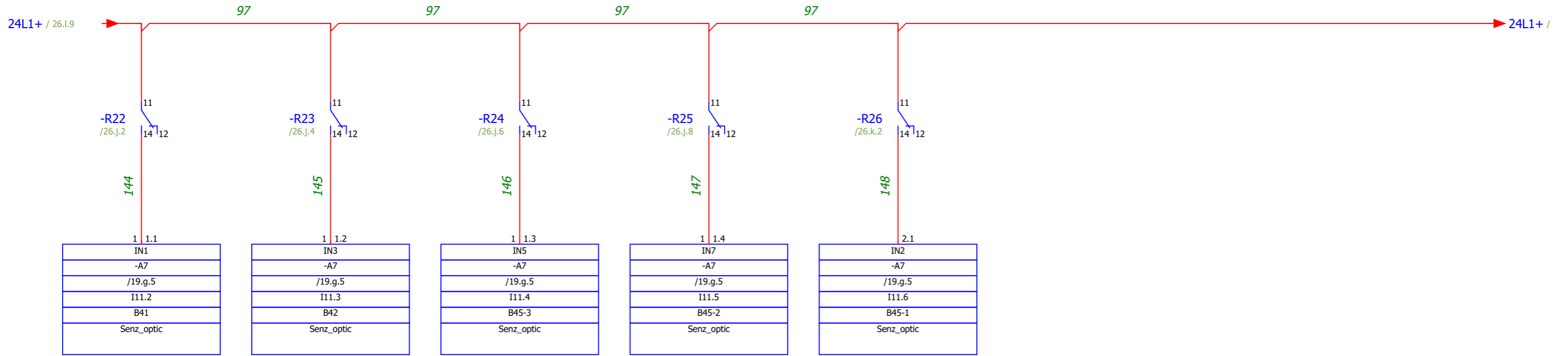


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		Ed	Nelu	TE_Benzi buncar						+ EAA	
		Appr		Replacement of		Replaced by				IEC_bas001	
Modification	Date	Name	Original							Page 26.h	
										Page 47 / 119	

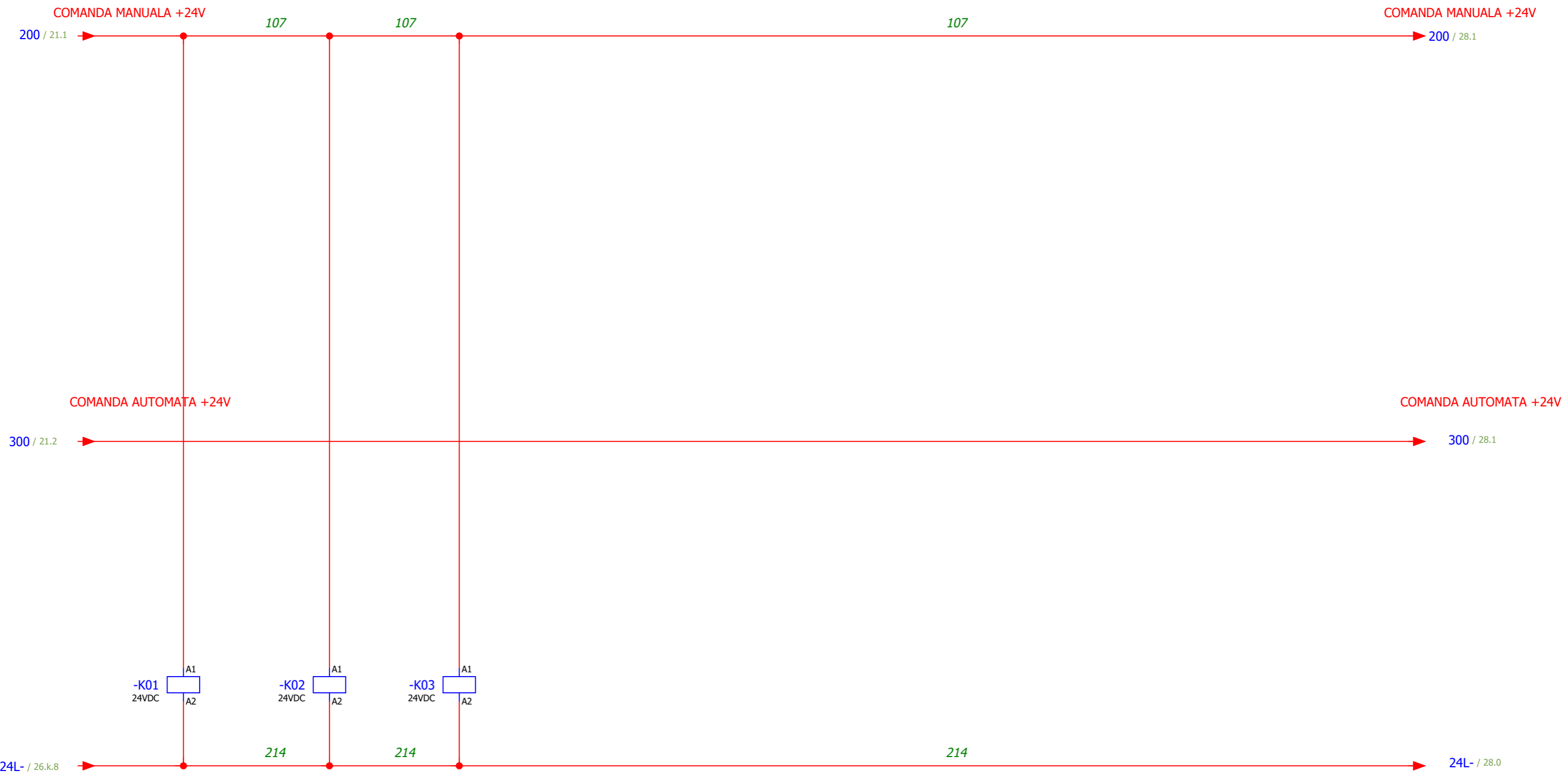


Date		30/03/2023		EPLAN		Sc TEHNIMARKET Srl.		Senz_optic_retro_reflex		= CA1	
Ed		Nelù		TE_Benzi buncar						+ EAA	
Appr				Replacement of		Replaced by				Page 26.j	
Modification		Date		Name		Original		IEC_bas001		Page 49 / 119	

RELEE DE LA SENZORI OPTICI CAPAT CURSA

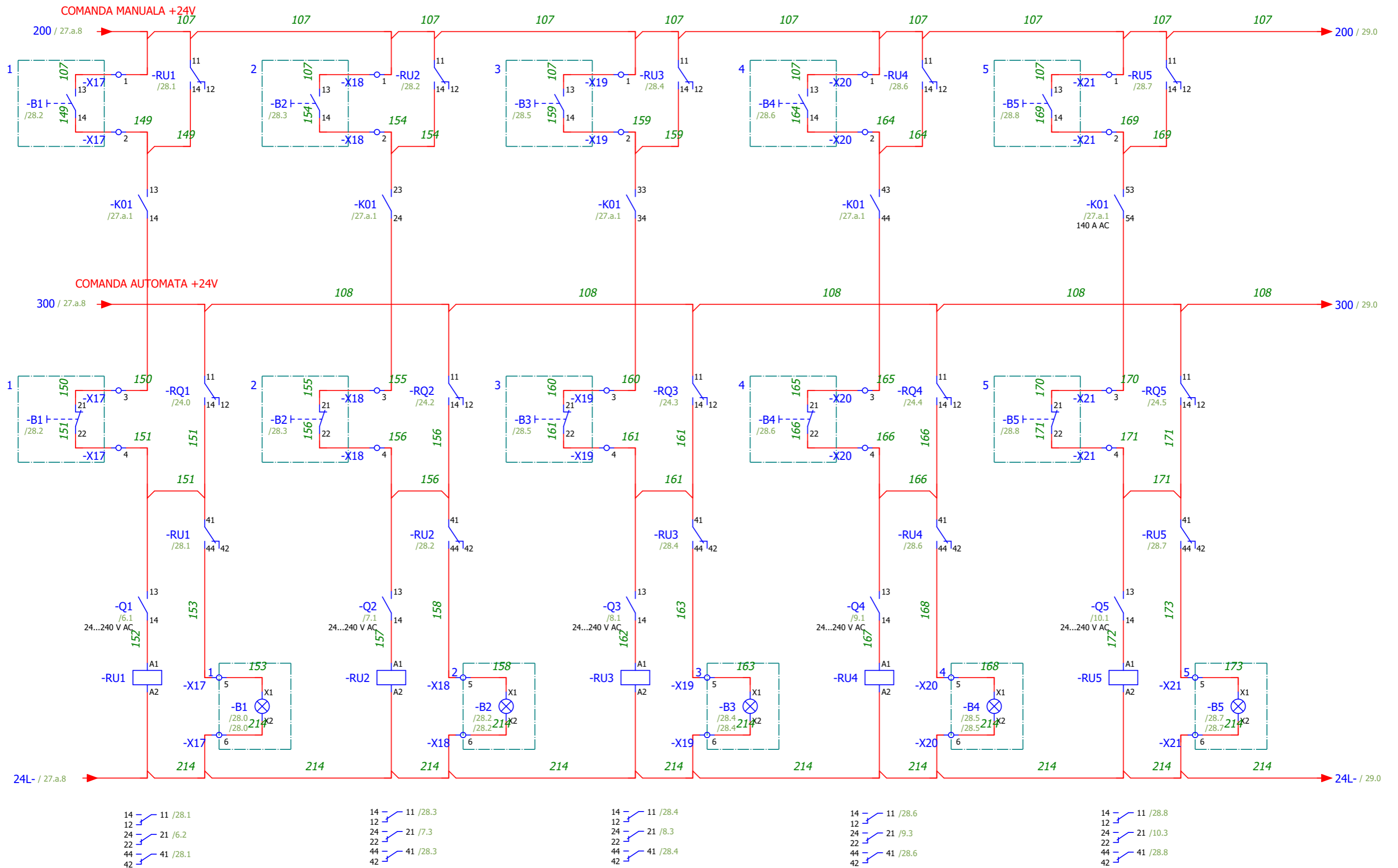


Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	I/O	= CA1
Ed	Nelu	TE_Benzi buncar			+ EAA
Appr					
Modification	Date	Name	Original	Replaced by	IEC_bas001
					Page 26.m
					Page 52 / 119



- | | | |
|---------------|---------------|---------|
| 3 - 4 | 3 - 4 | 3 - 4 |
| 13 - 14 /28.1 | 13 - 14 /29.6 | 13 - 14 |
| 23 - 24 /28.2 | 23 - 24 /29.8 | 23 - 24 |
| 33 - 34 /28.4 | 33 - 34 /30.1 | 33 - 34 |
| 43 - 44 /28.6 | 43 - 44 /30.3 | 43 - 44 |
| 53 - 54 /28.7 | 53 - 54 /30.4 | 53 - 54 |
| 63 - 64 /29.1 | 63 - 64 | 63 - 64 |
| 73 - 74 /29.3 | 73 - 74 | 73 - 74 |
| 83 - 84 /29.4 | 83 - 84 | 83 - 84 |

			Date	30/03/2023	EPLAN		Sc TEHNIMARKET Srl.	Cmd man		= CA1
			Ed	Nelu	TE_Benzi buncar					+ EAA
			Appr		Replacement of					
Modification	Date	Name	Original		Replaced by				IEC_bas001	Page 27.a
										Page 53 / 119



Cmd_M1/B_33

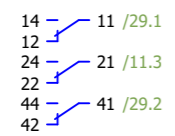
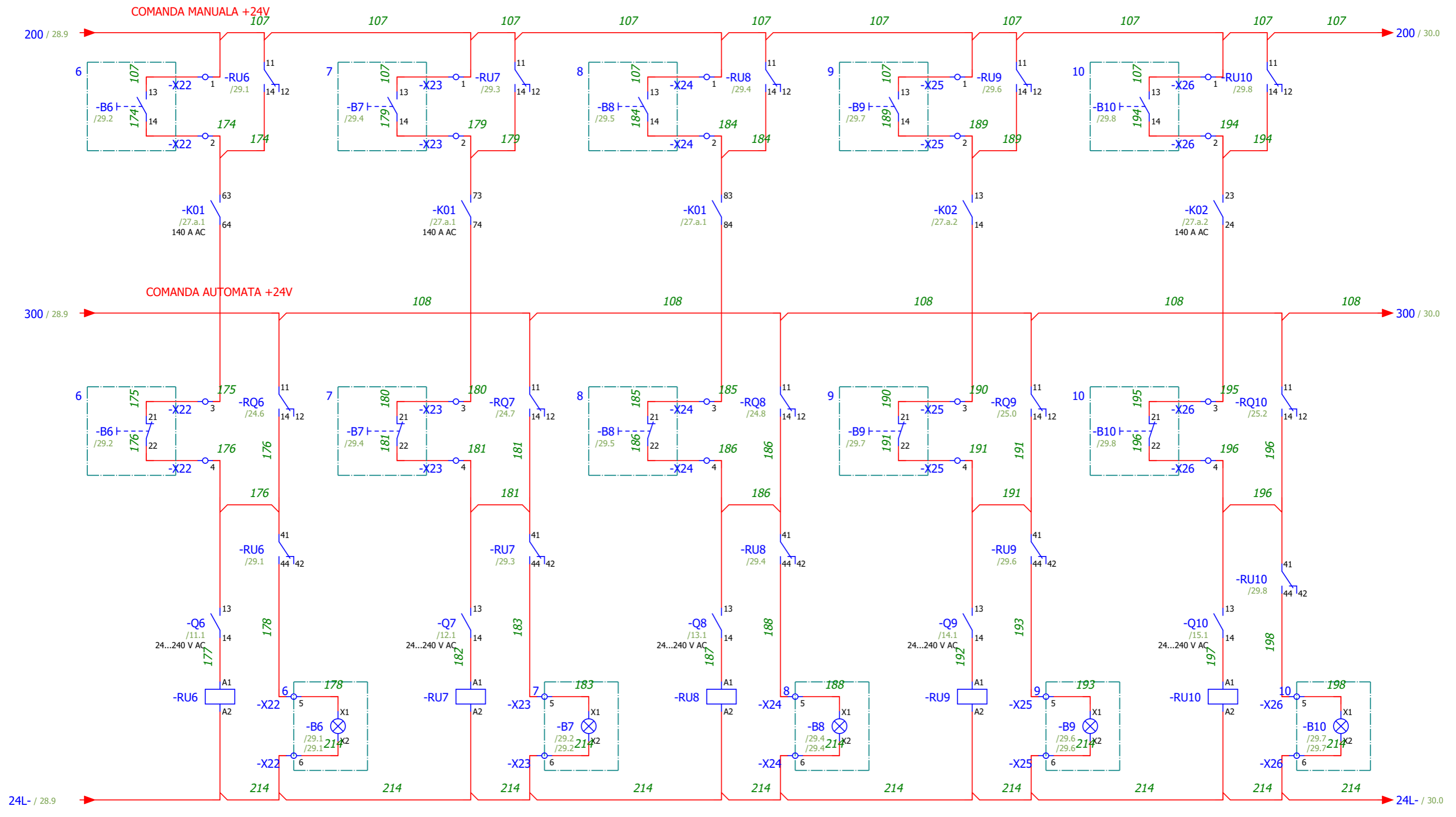
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Cmd_M3/B_35

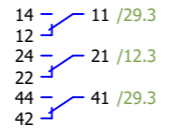
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Cmd_M5/B_37

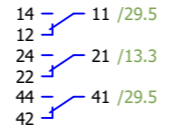
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				Appr		Replacement of		Replaced by				IEC_bas001		Page 28
Modification	Date	Name	Original											Page 54 / 119



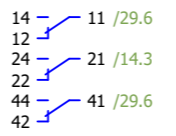
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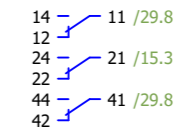
Cmd_M7/B_39



Cmd_M8/B_40

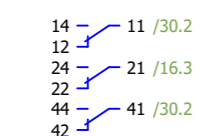
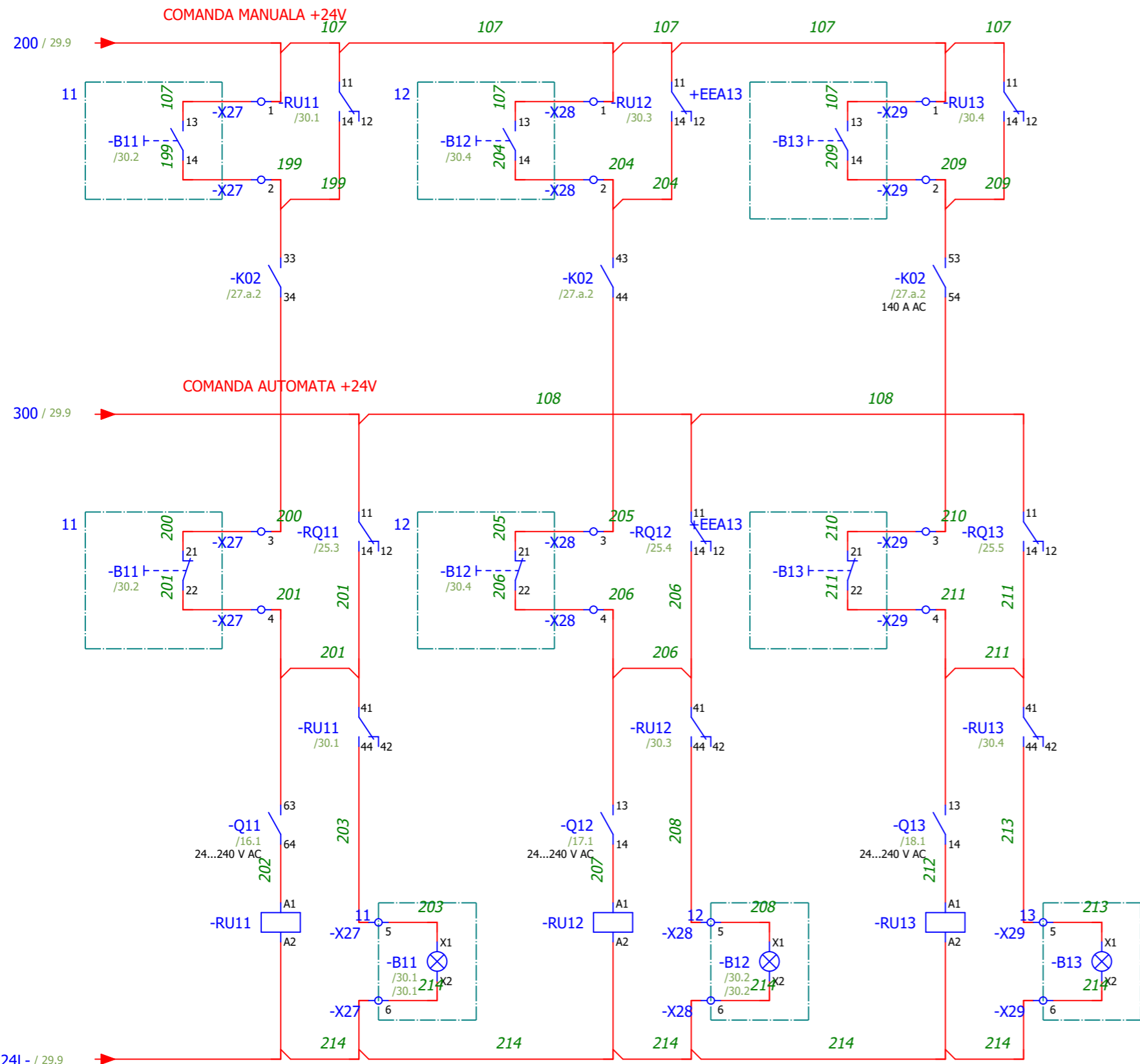


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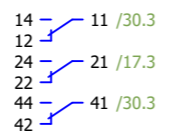


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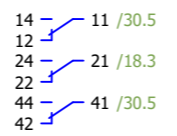
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			Appr		Replacement of		Replaced by				IEC_bas001	
Modification	Date	Name	Original								Page 29	
											Page 55 / 119	



Cmd_M11/B_45-3

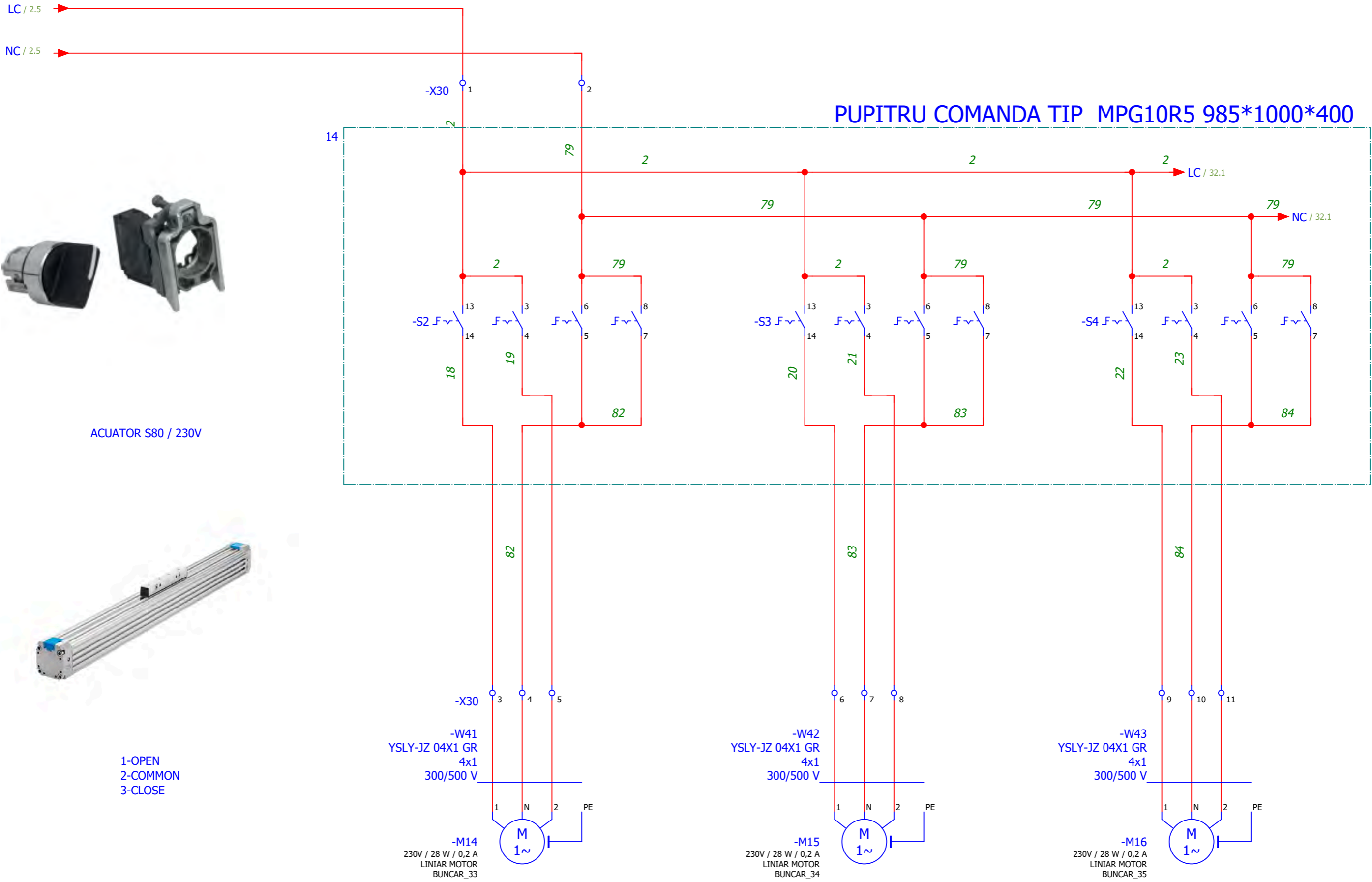


Cmd_M12/B_45-2



Cmd_M13/B_45-1

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				Ed	Nelu	TE_Benzi buncar				+ EAA	
				Appr		Replacement of				Page 30	
Modification	Date	Name	Original			Replaced by				IEC_bas001	Page 56 / 119



		Date	30/03/2023	EPLAN		Sc TEHNIMARKET Srl.	Cmd man			= CA1
		Ed	Nelu	TE_Benzi buncar						+ EAA
		Appr		Replacement of		Replaced by		IEC_bas001		Page 31
Modification	Date	Name	Original							Page 57 / 119

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				

33.a

34.a

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

Parts list

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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

34.b

34.d

Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	Parts list : SE.GV2ME10 - PXC.2967060	= CA1
Ed	Nelu	TE_Benzi bunca			+ EAA
Appr		Replacement of	Replaced by		
Modification	Date	Name	Original		
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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

34.c

34.e

Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	Parts list : PXC.2967060 - ETN.M22-LED-R	= CA1
Ed	Nelu	TE_Benzi bunca			+ EAA
Appr		Replacement of	Replaced by		Page 34.d
Modification	Date	Name	Original		Page 65 / 119
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Parts list

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Device tag	Quantity	Designation	Type number	Supplier	Part number
-SR1	1	Harmony Safety Automation Safety module	XPSBAC14AP	SE	SE.XPSBAC14AP
-S_OPT_1	1	Retro-reflective sensor	O5P-DPKG/US100		IFM.O5P200
-S_OPT_2	1	Retro-reflective sensor	O5P-DPKG/US100		IFM.O5P200
-S_OPT_3	1	Retro-reflective sensor	O5P-DPKG/US100		IFM.O5P200
-S_OPT_4	1	Retro-reflective sensor	O5P-DPKG/US100		IFM.O5P200
-S_OPT_5	1	Retro-reflective sensor	O5P-DPKG/US100		IFM.O5P200
-S_OPT_6	1	Retro-reflective sensor	O5P-DPKG/US100		IFM.O5P200
-S_OPT_7	1	Retro-reflective sensor	O5P-DPKG/US100		IFM.O5P200
-S_OPT_8	1	Retro-reflective sensor	O5P-DPKG/US100		IFM.O5P200
-S_OPT_9	1	Retro-reflective sensor	O5P-DPKG/US100		IFM.O5P200
-S_OPT_10	1	Retro-reflective sensor	O5P-DPKG/US100		IFM.O5P200
-S_OPT_11	1	Retro-reflective sensor	O5P-DPKG/US100		IFM.O5P200
-S_OPT_12	1	Retro-reflective sensor	O5P-DPKG/US100		IFM.O5P200
-S_OPT_13	1	Retro-reflective sensor	O5P-DPKG/US100		IFM.O5P200
-TD	0				
-Th_1	1	Double Thermostat	NSYCCOTHD	SE	SE.NSYCCOTHD
-U1	1				DAN.FC-302P4K0T5E20H1BGXXXXSXXXXLB8CXXXXD0
-U2	0				
-U3	0				
-U4	0				
-U5	0				
-U6	0				
-U7	0				
-U8	0				
-U9	0				
-U10	0				
-U11	0				
-U12	0				
-U13	0				

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

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Function text	Cable type		No. of conductors		Cross-section	Cable length		Function text
	X-Ref	Target designation from	Connection point	Conductor	70	Connection point	X-Ref	Function text
=CA1+EAA-W1	H07RN-F		4					
	/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	

34.e

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Cable diagram

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Cable name =CA1+EAA-W4	Cable type 2YSL(ST)CYK-J 0,6/1KV EMV-UV		No. of conductors 4G		Cross-section 4	Cable length		Function text
Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text
				SH				
	/8.2	-X3		GNYE	-M3	PE	/8.1	Banda buncar compozite_B-35
	/8.1	-X3	1	BN	-M3	U1	/8.1	=
	/8.1	-X3	2	BK	-M3	V1	/8.1	=
	/8.1	-X3	3	GY	-M3	W1	/8.1	=

Date	30/03/2023	EPLAN		Sc TEHNIMARKET Srl.	Cable diagram =CA1+EAA-W4	= CA1
Ed	Nelu	TE_Benzi buncar				+ EAA
Appr		Replacement of	Replaced by			
Modification	Date	Name	Original			
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Cable diagram

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Cable name =CA1+EAA-W5	Cable type 2YSL(ST)CYK-J 0,6/1KV EMV-UV		No. of conductors 4G		Cross-section 4	Cable length		Function text
Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text
				SH				
	/9.2	-X4		GNYE	-M4	PE	/9.1	Banda buncar carton ondulat_B-36
	/9.1	-X4	1	BN	-M4	U1	/9.1	=
	/9.1	-X4	2	BK	-M4	V1	/9.1	=
	/9.1	-X4	3	GY	-M4	W1	/9.1	=

			Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	Cable diagram =CA1+EAA-W5		= CA1 + EAA
			Ed	Nelu	TE_Benzi buncar				
			Appr		Replacement of	Replaced by			
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Cable diagram

Cable name =CA1+EAA-W6	Cable type 2YSL(ST)CYK-J 0,6/1KV EMV-UV		No. of conductors 4G		Cross-section 4	Cable length		Function text
Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text
				SH				
	/10.2	-X5		GNYE	-M5	PE	/10.1	Banda buncar folie alba_B-37
	/10.1	-X5	1	BN	-M5	U1	/10.1	=
	/10.1	-X5	2	BK	-M5	V1	/10.1	=
	/10.1	-X5	3	GY	-M5	W1	/10.1	=

			Date	30/03/2023	EPLAN		Sc TEHNIMARKET Srl.		Cable diagram =CA1+EAA-W6			= CA1		
			Ed	Nelu	TE_Benzi buncar							+ EAA		
			Appr		Replacement of		Replaced by					Page 40		
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Cable diagram

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Cable name =CA1+EAA-W7		Cable type 2YSL(ST)CYK-J 0,6/1KV EMV-UV		No. of conductors 4G		Cross-section 4		Cable length		Function text
Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text		
				SH						
	/11.2	-X6		GNYE	-M6	PE	/11.1	Banda buncar folie color_B-38		
	/11.1	-X6	1	BN	-M6	U1	/11.1	=		
	/11.1	-X6	2	BK	-M6	V1	/11.1	=		
	/11.1	-X6	3	GY	-M6	W1	/11.1	=		

Modification			Date	Name	Original	Replacement of	Replaced by	Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	Cable diagram =CA1+EAA-W7	= CA1 + EAA
										TE_Benzi buncar			
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Cable diagram

F09_001

Cable name =CA1+EAA-W8	Cable type 2YSL(ST)CYK-J 0,6/1KV EMV-UV		No. of conductors 4G		Cross-section 4	Cable length		Function text	
	Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text
				SH					
	/12.2	-X7		GNYE	-M7	PE	/12.1		Banda buncar PET alb_B-39
	/12.1	-X7	1	BN	-M7	U1	/12.1		=
	/12.1	-X7	2	BK	-M7	V1	/12.1		=
	/12.1	-X7	3	GY	-M7	W1	/12.1		=

Cable diagram

F09_001

Cable name =CA1+EAA-W9	Cable type 2YSL(ST)CYK-J 0,6/1KV EMV-UV		No. of conductors 4G		Cross-section 4	Cable length		Function text	
	Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text
				SH					
	/13.2	-X8		GNYE	-M8	PE	/13.1		Banda buncar PET albastru_B-40
	/13.1	-X8	1	BN	-M8	U1	/13.1	=	
	/13.1	-X8	2	BK	-M8	V1	/13.1	=	
	/13.1	-X8	3	GY	-M8	W1	/13.1	=	

		Date	30/03/2023	EPLAN		Sc TEHNIMARKET Srl.	Cable diagram =CA1+EAA-W9	= CA1	
		Ed	Nelu	TE_Benzi buncar				+ EAA	
		Appr		Replacement of		Replaced by		IEC_bas001	Page 43
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Cable diagram

Cable name =CA1+EAA-W10		Cable type 2YSL(ST)CYK-J 0,6/1KV EMV-UV		No. of conductors 4G		Cross-section 4		Cable length		Function text	
Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text			
				SH							
	/14.2	-X9		GNYE	-M9	PE	/14.1	Banda buncar PET color_B-41			
	/14.1	-X9	1	BN	-M9	U1	/14.1	=			
	/14.1	-X9	2	BK	-M9	V1	/14.1	=			
	/14.1	-X9	3	GY	-M9	W1	/14.1	=			

Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	Cable diagram =CA1+EAA-W10	= CA1
Ed	Nelu	TE_Benzi buncar			+ EAA
Appr		Replacement of	Replaced by		IEC_bas001
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Cable diagram

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Cable name =CA1+EAA-W11	Cable type 2YSL(ST)CYK-J 0,6/1KV EMV-UV		No. of conductors 4G		Cross-section 4	Cable length		Function text
Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text
				SH				
	/15.2	-X10		GNYE	-M10	PE	/15.1	Banda buncar PEID_B-42
	/15.1	-X10	1	BN	-M10	U1	/15.1	=
	/15.1	-X10	2	BK	-M10	V1	/15.1	=
	/15.1	-X10	3	GY	-M10	W1	/15.1	=

			Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	Cable diagram =CA1+EAA-W11	= CA1	
			Ed	Nelu				+ EAA	
			Appr		TE_Benzi buncar				
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Cable diagram

F09_001

Cable name =CA1+EAA-W12	Cable type 2YSL(ST)CYK-J 0,6/1KV EMV-UV		No. of conductors 4G		Cross-section 4	Cable length		Function text
Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text
				SH				
	/16.2	-X11		GNYE	-M11	PE	/16.1	Banda buncar PVC_B-45-3
	/16.1	-X11	1	BN	-M11	U1	/16.1	=
	/16.1	-X11	2	BK	-M11	V1	/16.1	=
	/16.1	-X11	3	GY	-M11	W1	/16.1	=

Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	Cable diagram =CA1+EAA-W12	= CA1
Ed	Nelu	TE_Benzi buncar			+ EAA
Appr					
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Cable diagram

Cable name =CA1+EAA-W13		Cable type 2YSL(ST)CYK-J 0,6/1KV EMV-UV		No. of conductors 4G		Cross-section 4		Cable length		Function text
Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text		
				SH						
	/17.2	-X12		GNYE	-M12	PE	/17.1		Banda buncar PP-PS_B-45-2	
	/17.1	-X12	1	BN	-M12	U1	/17.1		=	
	/17.1	-X12	2	BK	-M12	V1	/17.1		=	
	/17.1	-X12	3	GY	-M12	W1	/17.1		=	

Cable diagram

F09_001

Cable name =CA1+EAA-W14	Cable type 2YSL(ST)CYK-J 0,6/1KV EMV-UV		No. of conductors 4G	Cross-section 4		Cable length		Function text
Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text
				SH				
	/18.2	-X13		GNYE	-M13	PE	/18.1	Banda buncar SRF_B-45-1
	/18.1	-X13	1	BN	-M13	U1	/18.1	=
	/18.1	-X13	2	BK	-M13	V1	/18.1	=
	/18.1	-X13	3	GY	-M13	W1	/18.1	=

			Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	Cable diagram =CA1+EAA-W14	= CA1
			Ed	Nelu	TE_Benzi buncar			+ EAA
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Cable diagram

Function text	X-Ref	Target designation from	No. of conductors		Cross-section	Cable length		Function text
			4	1				
Cable name =CA1+EAA-W16	Cable type LIYCY 04X1 GR		4		1			
Function text	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text
	/26.d.4	-X15	4	WH	-Camp_B34-BG2	1	/26.d.3	
	/26.d.4	-X15	5	BN	-Camp_B34-BG2	2	/26.d.4	
				GN				
				YE				
				SH				

			Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	Cable diagram =CA1+EAA-W16	= CA1	
			Ed	Nelu				+ EAA	
			Appr	TE_Benzi buncar				IEC_bas001	
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Cable diagram

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Cable name =CA1+EAA-W17		Cable type LIYCY 04X1 GR		No. of conductors 4		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		
		/26.d.6	-X15	7	WH	-Camp_B35-BG3	1	/26.d.5			
		/26.d.6	-X15	8	BN	-Camp_B35-BG3	2	/26.d.6			
					GN						
					YE						
					SH						

Date	30/03/2023	EPLAN		Sc TEHNIMARKET Srl.	Cable diagram =CA1+EAA-W17	= CA1 + EAA	IEC_bas001	Page 51
Ed	Nelu	TE_Benzi buncar						
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Cable diagram

F09_001

Cable name =CA1+EAA-W18		Cable type LIYCY 04X1 GR		No. of conductors 4		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		
		/26.d.8	-X15	10	WH	-Camp_B36-BG4	1	/26.d.7			
		/26.d.8	-X15	11	BN	-Camp_B36-BG4	2	/26.d.8			
					GN						
					YE						
					SH						

			Date	30/03/2023	EPLAN		Sc TEHNIMARKET Srl.	Cable diagram =CA1+EAA-W18			= CA1
			Ed	Nelu	TE_Benzi buncar					+ EAA	
			Appr		Replacement of						
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Cable diagram

F09_001

Function text	Cable type		No. of conductors		Cross-section	Cable length		Function text
	X-Ref	Target designation from	Connection point	Conductor	Target designation to	Connection point	X-Ref	Function text
=CA1+EAA-W20	LiYCY 04X1 GR		4		1			
	/26.e.4	-X15	16	WH	-Camp_B38-BG2	1	/26.e.3	
	/26.e.4	-X15	17	BN	-Camp_B38-BG2	2	/26.e.4	
				GN				
				YE				
				SH				

Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	Cable diagram =CA1+EAA-W20	= CA1
Ed	Nelu	TE_Benzi buncar			+ EAA
Appr		Replacement of	Replaced by		
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Cable diagram

Cable name =CA1+EAA-W21	Cable type LiYCY 04X1 GR		No. of conductors 4		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
	/26.e.6	-X15	19	WH	-Camp_B39-BG3	1	/26.e.5	
	/26.e.6	-X15	20	BN	-Camp_B39-BG3	2	/26.e.6	
				GN				
				YE				
				SH				

Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	Cable diagram =CA1+EAA-W21	= CA1
Ed	Nelu	TE_Benzi buncar			+ EAA
Appr		Replacement of	Replaced by		IEC_bas001
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Cable diagram

F09_001

Cable name =CA1+EAA-W25	Cable type LIYCY 04X1 GR		No. of conductors 4		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
				WH				
				BN				
				GN				
				YE				
				SH				
	/26.f.6	-X15	31		-Camp_B45-3-BG3	1	/26.f.5	
	/26.f.6	-X15	32		-Camp_B45-3-BG3	2	/26.f.6	

		Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	Cable diagram =CA1+EAA-W25	= CA1		
		Ed	Nelu	TE_Benzi buncar			+ EAA		
		Appr		Replacement of	Replaced by				
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Cable diagram

F09_001

Cable name =CA1+EAA-W27		Cable type LIYCY 04X1 GR		No. of conductors 4		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			
				WH							
				BN							
				GN							
				YE							
				SH							
	/26.g.2	-X15	37		-Camp_B45-1-BG1	1	/26.g.1				
	/26.g.2	-X15	38		-Camp_B45-1-BG1	2	/26.g.2				

Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	Cable diagram =CA1+EAA-W27	= CA1
Ed	Nelu	TE_Benzi buncar			+ EAA
Appr		Replacement of	Replaced by		IEC_bas001
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Cable diagram

F09_001

Cable name =CA1+EAA-W28		Cable type YSLY-JZ 04X1 GR		No. of conductors 4		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		
				GNYE						
	/26.g.2	-X15	37	1	-X16	1	/26.h.1			
	/26.h.1	-X16	2	2	-R14	A2	/26.h.2			
	/26.h.2	-X16	3	3	-R14	A1	/26.h.2			
	/26.h.1	-X16	1	1	-X16	4	/26.h.3			

		Date	30/03/2023		EPLAN	Sc TEHNIMARKET Srl.	Cable diagram =CA1+EAA-W28				= CA1 + EAA
		Ed	Nelù		TE_Benzi buncar						
		Appr									
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Cable diagram

F09_001

Cable name =CA1+EAA-W32	Cable type YSLY-JZ 04X1 GR		No. of conductors 4		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
				GNYE				
				1				
				2				
				3				
	/26.i.1	-X16	13		-X16	16	/26.i.3	
	/26.i.1	-X16	14		-R18	A2	/26.i.1	
	/26.i.1	-X16	15		-R18	A1	/26.i.1	

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Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	Cable diagram =CA1+EAA-W32	= CA1
Ed	Nelu	TE_Benzi buncar			+ EAA
Appr		Replacement of	Replaced by		IEC_bas001
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Cable diagram

Cable name =CA1+EAA-W34		Cable type YSLY-JZ 04X1 GR		No. of conductors 4		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		
					GNYE						
					1						
					2						
					3						
		/26.i.5	-X16	19		-X16	22	/26.i.8			
		/26.i.6	-X16	20		-R20	A2	/26.i.6			
		/26.i.6	-X16	21		-R20	A1	/26.i.6			

Cable diagram

F09_001

Cable name =CA1+EAA-W35		Cable type YSLY-JZ 04X1 GR		No. of conductors 4		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			
				GNYE							
				1							
				2							
				3							
	/26.i.8	-X16	22		-X16	25	/26.j.1				
	/26.i.8	-X16	23		-R21	A2	/26.i.8				
	/26.i.8	-X16	24		-R21	A1	/26.i.8				

Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	Cable diagram =CA1+EAA-W35	= CA1
Ed	Nelu	TE_Benzi buncar			+ EAA
Appr		Replacement of	Replaced by		IEC_bas001
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Cable diagram

Cable name =CA1+EAA-W38		Cable type YSLY-JZ 04X1 GR		No. of conductors 4		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		
				GNYE						
				1						
				2						
				3						
	/26.j.3	-X16	28		-X16	31	/26.j.6			
	/26.j.6	-X16	31		-X16	34	/26.j.8			
	/26.j.6	-X16	32		-R24	A2	/26.j.6			
	/26.j.6	-X16	33		-R24	A1	/26.j.6			

				Date	30/03/2023	EPLAN			Sc TEHNIMARKET Srl.		Cable diagram =CA1+EAA-W38			= CA1	
				Ed	Nelu	TE_Benzi buncar						+ EAA			
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Cable diagram

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Cable name =CA1+EAA-W39	Cable type YSLY-JZ 04X1 GR		No. of conductors 4		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
				GNYE				
				1				
				2				
				3				
	/26.j.8	-X16	34		-X16	37	/26.k.1	
	/26.j.8	-X16	35		-R25	A2	/26.j.8	
	/26.j.8	-X16	36		-R25	A1	/26.j.8	

Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	Cable diagram =CA1+EAA-W39	= CA1
Ed	Nelu	TE_Benzi buncar			+ EAA
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Cable diagram

Cable name =CA1+EAA-W40		Cable type YSLY-JZ 04X1 GR		No. of conductors 4		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		
					GNYE						
					1						
					2						
					3						
		/26.k.1	-X16	37		-R14	11	/26.l.0			
		/26.k.1	-X16	38		-R26	A2	/26.k.2			
		/26.k.2	-X16	39		-R26	A1	/26.k.2			

Date		30/03/2023		EPLAN		Sc TEHNIMARKET Srl.		Cable diagram =CA1+EAA-W40		= CA1	
Ed		Nelù		TE_Benzi buncar						+ EAA	
Appr				Replacement of		Replaced by				IEC_bas001	
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Cable diagram

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Cable name =CA1+EAA-W42		Cable type YSLY-JZ 04X1 GR		No. of conductors 4		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		
					GNYE						
					1						
					2						
					3						
		/31.5	-X30	6		-M15	1	/31.5	LINIAR MOTOR		
		/31.6	-X30	7		-M15	N	/31.5	=		
		/31.6	-X30	8		-M15	2	/31.5	=		

Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	Cable diagram =CA1+EAA-W42	= CA1
Ed	Nelu				+ EAA
Appr		TE_Benzi buncar			
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Cable diagram

Cable name =CA1+EAA-W43		Cable type YSLY-JZ 04X1 GR		No. of conductors 4		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		
					GNYE						
					1						
					2						
					3						
		/31.7	-X30	9		-M16	1	/31.7	LINIAR MOTOR		
		/31.8	-X30	10		-M16	N	/31.7	=		
		/31.8	-X30	11		-M16	2	/31.7	=		

Date		30/03/2023		EPLAN		Sc TEHNIMARKET Srl.		Cable diagram =CA1+EAA-W43		= CA1	
Ed		Nel		TE_Benzi buncar						+ EAA	
Appr				Replacement of		Replaced by				IEC_bas001	
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Cable diagram

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Cable name =CA1+EAA-W45	Cable type YSLY-JZ 04X1 GR		No. of conductors 4		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
					GNYE				
					1				
					2				
					3				
	/32.3	-X30	15		-M18	1	/32.3	LINIAR MOTOR	
	/32.3	-X30	16		-M18	N	/32.3	=	
	/32.3	-X30	17		-M18	2	/32.3	=	

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Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	Cable diagram =CA1+EAA-W45	= CA1	
Ed	Nelu	TE_Benzi buncar			+ EAA	
Appr						
Modification	Date	Name	Original	Replacement of	Replaced by	IEC_bas001
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Cable diagram

Cable name =CA1+EAA-W46		Cable type YSLY-JZ 04X1 GR		No. of conductors 4		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		
					GNYE						
					1						
					2						
					3						
		/32.4	-X30	18		-M19	1	/32.4	LINIAR MOTOR		
		/32.5	-X30	19		-M19	N	/32.4	=		
		/32.5	-X30	20		-M19	2	/32.4	=		

			Date	30/03/2023	EPLAN		Sc TEHNIMARKET Srl.		Cable diagram =CA1+EAA-W46			= CA1	
			Ed	Nelu	TE_Benzi buncar							+ EAA	
			Appr		Replacement of		Replaced by					IEC_bas001	
Modification	Date	Name	Original									Page 80	
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Cable diagram

F09_001

Cable name =CA1+EAA-W48		Cable type YSLY-JZ 04X1 GR		No. of conductors 4		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		
					GNYE						
					1						
					2						
					3						
		/32.8	-X30	24		-M21	1	/32.8	LINIAR MOTOR		
		/32.8	-X30	25		-M21	N	/32.8	=		
		/32.8	-X30	26		-M21	2	/32.8	=		

81

Date	30/03/2023	EPLAN	Sc TEHNIMARKET Srl.	Cable diagram =CA1+EAA-W48	= CA1
Ed	Nelu	TE_Benzi buncar			+ EAA
Appr					
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Cable diagram

F09_001

Cable name =CA1+EAA-W51		Cable type YSLY-JZ 04X1 GR		No. of conductors 4		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		
					GNYE						
					1						
					2						
					3						
		/33.5	-X30	33		-M24	1	/33.5	LINIAR MOTOR		
		/33.5	-X30	34		-M24	N	/33.5	=		
		/33.5	-X30	35		-M24	2	/33.5	=		

	Date	30/03/2023	EPLAN		Sc TEHNIMARKET Srl.	Cable diagram =CA1+EAA-W51			= CA1 + EAA
	Ed	Nelu	TE_Benzi buncar						
Modification	Date	Name	Original	Replaced by					IEC_bas001
								Page	85
								Page	117 / 119

