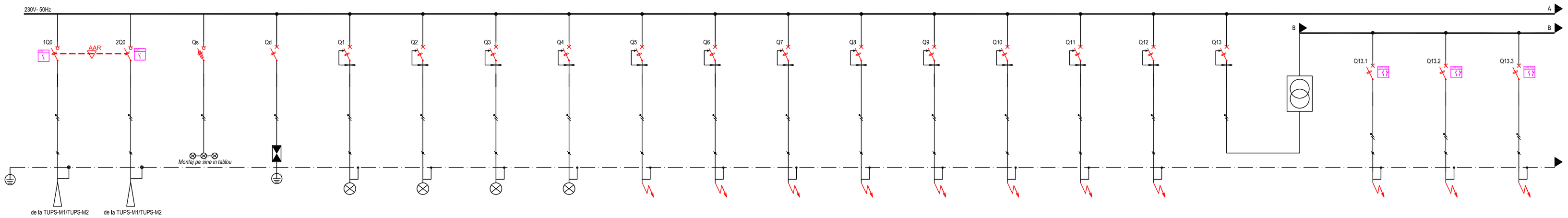
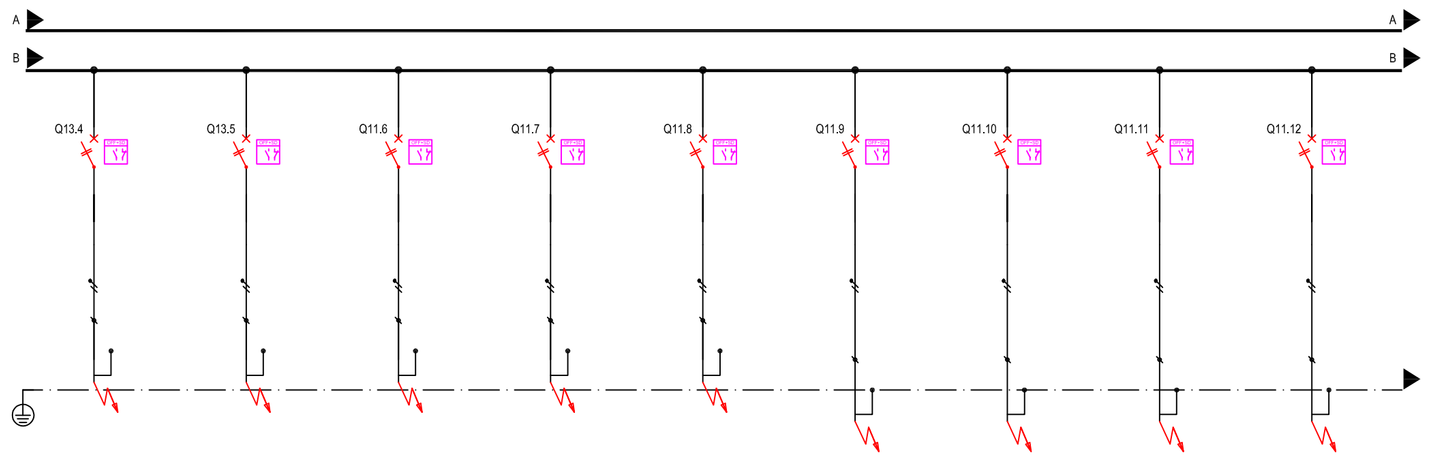
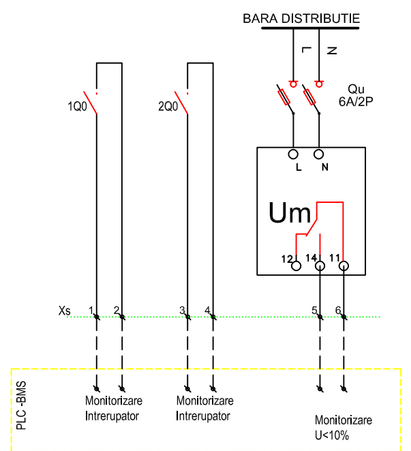
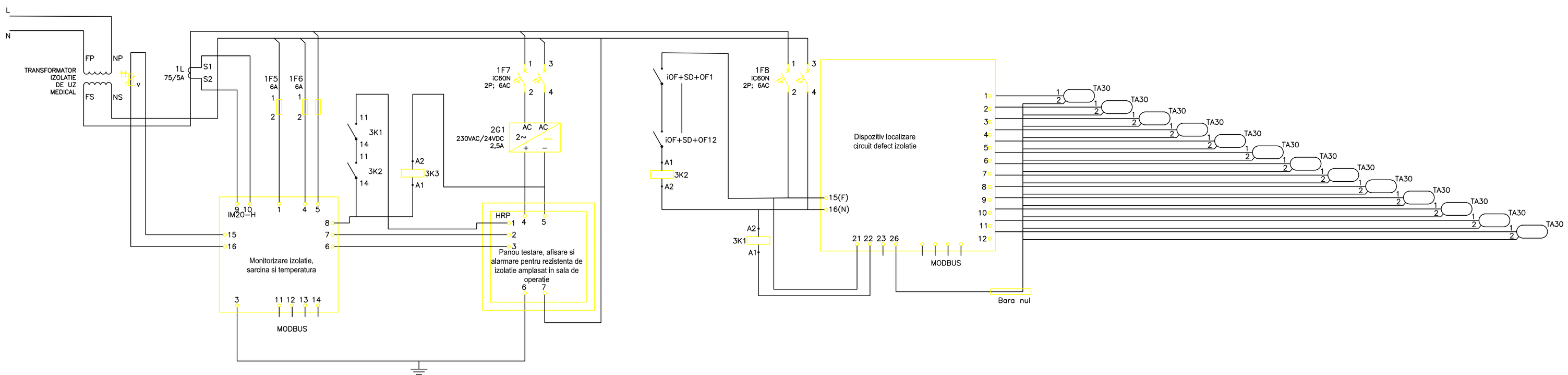


Circuit	1C0	2C0	Cs	Cd	C1	C2	C3	C4	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	IT		IT01	IT02	IT03
Descriere	INVERSOR AUTOMAT DE SURSA		SEMNALIZARE PREZENTA TENSIUNE PE BARE	DESCARCATOR SUPRATENSIUNI ATMOSFERICE	ILUMINAT	ILUMINAT	ILUMINAT	ILUMINAT	RACORD	RACORD	RACORD	RACORD	RACORD	RACORD	RACORD	RACORD	–		RACORD	RACORD	RACORD
Destinatie	–	–	–	–					DISP.RIDICAT	DISP.RIDICAT	PAT ATI	PAT ATI	USA AUTOMATA	USA AUTOMATA	CADA	CADA	–		consola suspendata pat	consola suspendata pat	consola suspendata pat
P [kW]	26/ 12	26/ 12	–	–	0.2	0.2	0.2	0.2	2	2	2	2	2	2	2	2	8.5	Transformator de separatie 10kVA	1	1	1
I [A]	62	62	–	PRD1/25kA	0.9	0.9	0.9	0.9	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	44		2.6	5.1	5.1
Intrerupator	80A/2P	80A/2P	6A/P+N	25A/2P	10A/2P	10A/2P	10A/2P	10A/2P	16A/P+N	16A/P+N	16A/P+N	16A/P+N	16A/P+N	16A/P+N	16A/P+N	16A/P+N	63A/P+N		16A/2P/B	16A/2P/B	16A/2P/B
Curent Diferential ID [A]	–	–	–	–	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03		–	–	–
Contactor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–
Tip Cablu	CONFORM TABEL 1	CONFORM TABEL 1	–	–	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH	–		N2XH	N2XH	N2XH
Sectiune			–	–	4G1.5	3G1.5	4G1.5	3G1.5	3G2.5	3G2.5	3G2.5	3G2.5	3G2.5	3G2.5	3G2.5	3G2.5	–		3G4	3G4	3G4



Circuit	IT04	IT05	IT06	IT07	IT08	IT09	IT10	IT11	IT12
Descriere	RACORD	RACORD	RACORD	RACORD	RACORD	RACORD	RACORD	RACORD	RACORD
Destinatie	consola suspendata cada	consola suspendata cada	lampa scialitica	consola suspendata pat	consola suspendata pat	consola suspendata pat	consola suspendata cada	consola suspendata cada	lampa scialitica
P [kW]	1	1	1	1	1	1	1	1	1
I [A]	5.1	5.1	2.6	2.6	5.1	5.1	5.1	5.1	2.6
Intrerupator	16A/2P/B	16A/2P/B	16A/2P/B	16A/2P/B	16A/2P/B	16A/2P/B	16A/2P/B	16A/2P/B	16A/2P/B
Curent Diferential ID [A]	–	–	–	–	–	–	–	–	–
Contactor	–	–	–	–	–	–	–	–	–
Tip Cablu	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH
Sectiune	3G4	3G4	3G4	3G4	3G4	3G4	3G4	3G4	3G4





TABEL 1			
TABLOU	CABLU ALIMENTARE TABLOU	DESTINATIE CIRCUITE	ETAJ
TMA1	N2XH 3G35	E1017, E1020	1
TMA2	N2XH 3G25	E1023, E1026	1
TMA3	N2XH 3G25	E1032, E1029	1

Un=400V - TN-S
In = 80A
Isc=6kA
IP - 30
Carcasa metalica vopsita in camp electrostatic
Intrari -Iesiri cabluri pe sus prin ghena laterala
Tabloul va fi prevazute cu o rezerva de spatiu si distribuite neechipata de 30% .
Concepta sistemului trebuie sa fie validata prin incercari tip, conform SR EN 61439-1.
Carcasa metalica a tabloului electric se va lega la conductorul principal de legare la pamant.
Tabloul electric se va verifica vizual si se va face proba sub tensiune inainte de racordarea circuitelor electrice

Inversorul automat de sursa (AAR) va avea
urmatoarele functii:

- Functionare in regim automat
- Functionare in regim manual cu posibilitate de selecare sursa
- Semalizare prezenta/lipsa tensiune pe fiecare sursa
- Posibilitate de setare timp de intarziere la reveniire pe sursa de baza
- Timp de comutare intre surse mai mic de 0.5 secunde.

Schema monofilara se va citi impreuna cu Diagrama de functionare din plansa SCHEMA MONOFILARA TUPS-M1 sau TUPS-M2

VERIFICATOR / EXPERT	NUME	SEMNATURA	CERINTELE	REFERAT de verificare/ RAPORT de expertiza tehnica Nr. - Data: -	
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SPECIFICATIE	NUME	SEMNATURA	Scara: –		Faza: PT+DE
SEF PROIECT	Arh.Christian TANASCAUX		Format: A0+	Denumire desen: SCHEMA MONOFILARA TMAx SINGLE LINE DIAGRAM TMAx	Rev. 00
MANAGER PROIECT	Ing. Liviu POPA- BELEGANTE		Data: Februarie 2021		Pagina 1/1
VERIFICAT	Ing. Ionel OPREA				
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