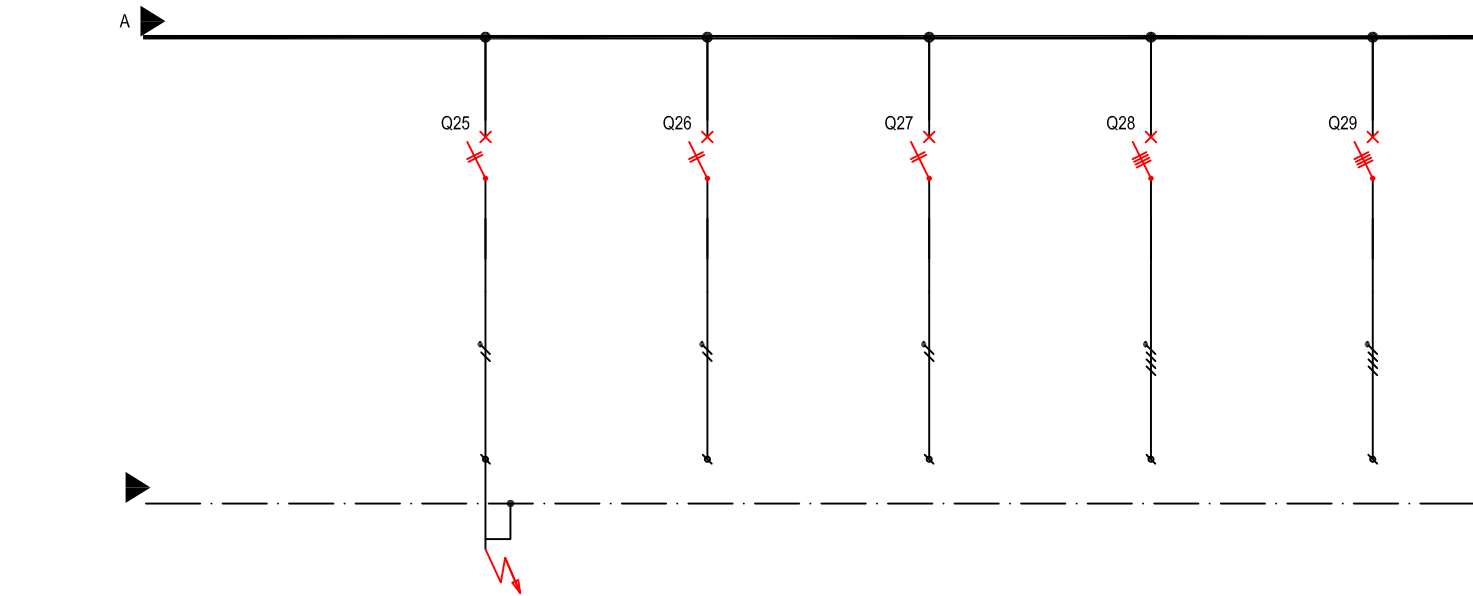
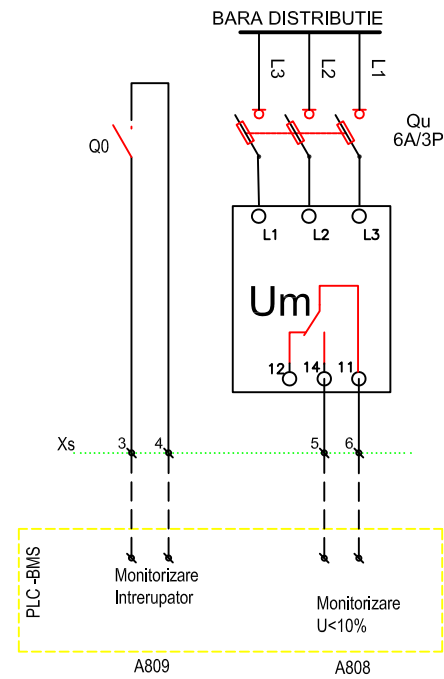
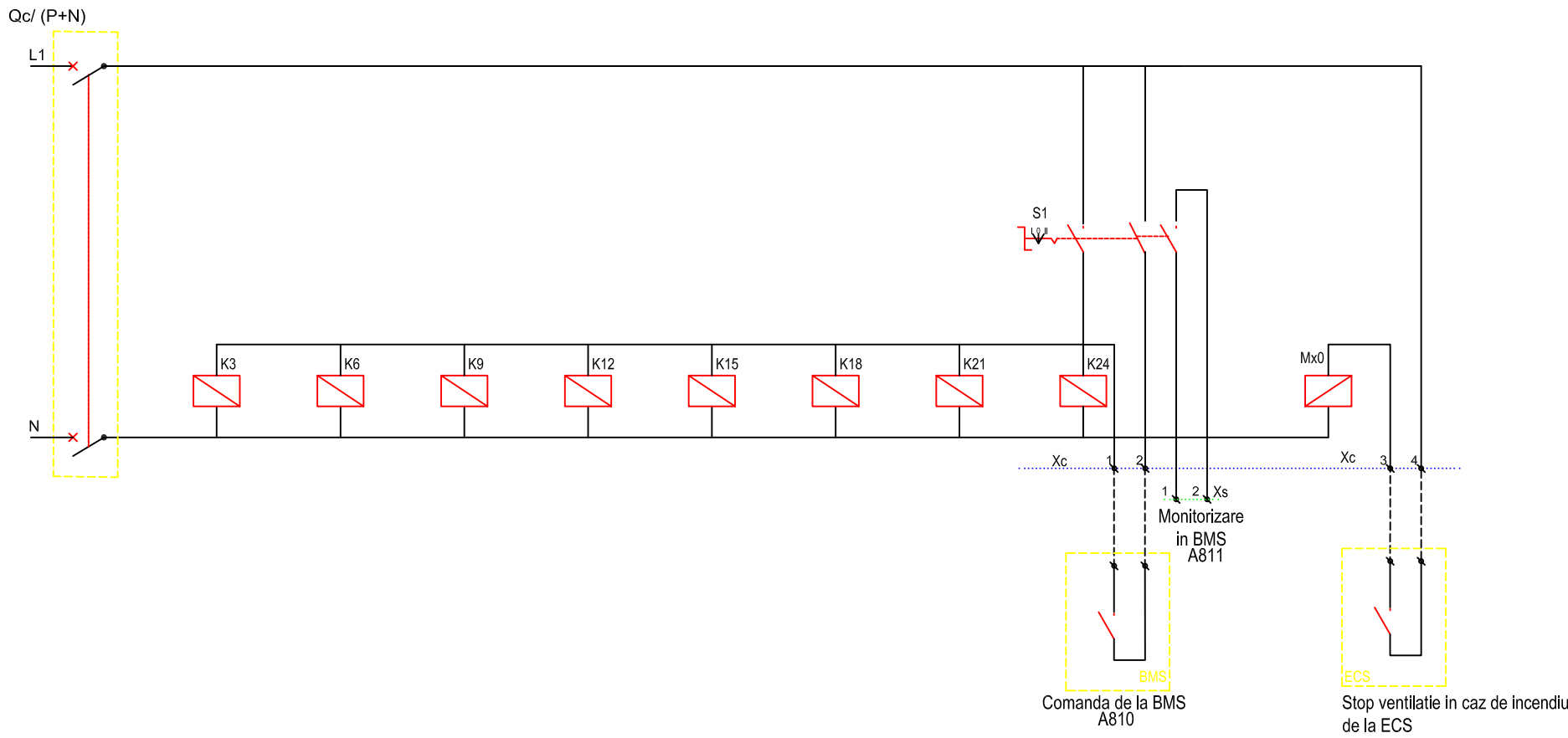


| Circuit                   | Q0                          | Cm                 | Cd                                     | C1                     | C2                  | C3                   | C4                     | C5                  | C6                   | C7                  | C8                  | C9                   | C10                    | C11                 | C12                  | C13                    | C14                 | C15                  | C16                  | C17                 | C18                  | C19               | C20                 | C21                  | C22                   | C23                 | C24                  |
|---------------------------|-----------------------------|--------------------|--|------------------------|---------------------|----------------------|------------------------|---------------------|----------------------|---------------------|---------------------|----------------------|------------------------|---------------------|----------------------|------------------------|---------------------|----------------------|----------------------|---------------------|----------------------|-------------------|---------------------|----------------------|-----------------------|---------------------|----------------------|
| Descriere                 | INTRERUPATOR GENERAL        | MASURA PATRAMETRII | DESCARCATOR SUPRATENSIIUNI ATMOSFERICE | RACORD                 | RACORD              | RACORD               | RACORD                 | RACORD              | RACORD               | RACORD              | RACORD              | RACORD               | RACORD                 | RACORD              | RACORD               | RACORD                 | RACORD              | RACORD               | RACORD               | RACORD              | RACORD               | RACORD            | RACORD              | RACORD               | RACORD                | RACORD              |                      |
| Destinatie                | THVAC1                      | --                 | --                                     | AHU 08 CTA E3 OP 14+25 | UMIDIFICATOR AHU 08 | REZISTENTA ELECTRICA | AHU 09 CTA E3 OP 12+13 | UMIDIFICATOR AHU 09 | REZISTENTA ELECTRICA | AHU 10 CTA E3 OP 24 | UMIDIFICATOR AHU 10 | REZISTENTA ELECTRICA | AHU 11 CTA E3 OP 10+11 | UMIDIFICATOR AHU 11 | REZISTENTA ELECTRICA | AHU 12 CTA E3 OP 22+23 | UMIDIFICATOR AHU 12 | REZISTENTA ELECTRICA | AHU 20 CTA E3 OP 8+9 | UMIDIFICATOR AHU 20 | REZISTENTA ELECTRICA | AHU 23 CTA E2 ATI | UMIDIFICATOR AHU 23 | REZISTENTA ELECTRICA | AHU 28 CTA E1 REZERVE | UMIDIFICATOR AHU 28 | REZISTENTA ELECTRICA |
| P [kW]                    | 797 / 396                   | --                 | --                                     | 13                     | 91.4                | 2.9                  | 11                     | 60                  | 2.9                  | 11                  | 45.7                | 2.9                  | 13                     | 60                  | 2.9                  | 20                     | 90                  | 1.6                  | 13                   | 60                  | 2.9                  | 27                | 120                 | 2.9                  | 13                    | 120                 | 2.9                  |
| I [A]                     | 673                         | --                 | PRD1/25kA                              | 22                     | 155                 | 5                    | 19                     | 102                 | 5                    | 19                  | 77.7                | 5                    | 22                     | 102                 | 5                    | 34                     | 153                 | 8.2                  | 22                   | 102                 | 5                    | 46                | 204                 | 5                    | 22                    | 204                 | 5                    |
| Inrerupator               | 800A/4P                     | 6A/3P+N            | 25A/4P                                 | 25A/3P+N               | 160A/3P+N           | 16A/3P+N             | 25A/3P+N               | 125A/3P+N           | 16A/3P+N             | 25A/3P+N            | 80A/3P+N            | 16A/3P+N             | 25A/3P+N               | 125A/3P+N           | 16A/3P+N             | 50A/3P+N               | 160A/3P+N           | 16A/P+N              | 25A/3P+N             | 125A/3P+N           | 16A/3P+N             | 50A/3P+N          | 250A/3P+N           | 16A/3P+N             | 25A/3P+N              | 250A/3P+N           | 16A/3P+N             |
| Curent Diferential ID [A] | --                          | --                 | --                                     | --                     | --                  | --                   | --                     | --                  | --                   | --                  | --                  | --                   | --                     | --                  | --                   | --                     | --                  | --                   | --                   | --                  | --                   | --                | --                  | --                   | --                    | --                  | --                   |
| Contactor                 | --                          | --                 | --                                     | --                     | --                  | 16A/4P               | --                     | --                  | 16A/4P               | --                  | --                  | 16A/4P               | --                     | --                  | 16A/4P               | --                     | --                  | 16A/4P               | --                   | --                  | 16A/4P               | --                | --                  | 16A/4P               | --                    | --                  | 16A/4P               |
| Tip Cablu                 | N2XH                        | --                 | --                                     | N2XH                   | N2XH                | N2XH                 | N2XH                   | N2XH                | N2XH                 | N2XH                | N2XH                | N2XH                 | N2XH                   | N2XH                | N2XH                 | N2XH                   | N2XH                | N2XH                 | N2XH                 | N2XH                | N2XH                 | N2XH              | N2XH                | N2XH                 | N2XH                  | N2XH                | N2XH                 |
| Sectiune                  | 2x3x(1x240)+(1x240)+(1x240) | --                 | --                                     | 5G4                    | 4x70+35             | 5G2.5                | 5G4                    | 4x50+25             | 5G2.5                | 5G4                 | 4x25+16             | 5G2.5                | 5G4                    | 4x50+25             | 5G2.5                | 5G10                   | 4x70+35             | 3G2.5                | 5G4                  | 4x50+25             | 5G2.5                | 5G10              | 4x120+70            | 5G2.5                | 5G4                   | 4x120+70            | 5G2.5                |



| Circuit                   | C25     | C26     | C27     | C28     | C29     |
|---------------------------|---------|---------|---------|---------|---------|
| Descriere                 | RACORD  | Rezerva | Rezerva | Rezerva | Rezerva |
| Destinatie                | VCV     | --      | --      | --      | --      |
| P [kW]                    | 0.75    | --      | --      | --      | --      |
| I [A]                     | 3.8     | --      | --      | --      | --      |
| Intrerupator              | 16A/P+N | 16A/2P  | 16A/2P  | 16A/4P  | 16A/4P  |
| Curent Diferential ID [A] | --      | --      | --      | --      | --      |
| Contactor                 | --      | --      | --      | --      | --      |
| Tip Cablu                 | N2XH    | --      | --      | --      | --      |
| Sectiune                  | 3G2.5   | --      | --      | --      | --      |



Un=400V - TN-S  
In = 800A  
Isc=20kA  
IP - 54  
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% .  
Conceptia 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

| VERIFICATOR / EXPERT   | NUME                       | SEMNTATURA | CERINTELE            | REFERAT DE verificare/ RAPORT de expertiza tehnica<br>Nr. -<br>Data: -  |                  |
|--|----------------------------|------------|----------------------|---|------------------|
| <b>TRACTEBEL</b><br>ATELIER OF ARCHITECTURE<br>Bucuresti - Romania<br>Tel: +40 21 2200 111<br>Email: info@tractebel.ro<br>www.tractebel.ro | <b>CHRISTIAN TANASCAUX</b> |            |                      | Proiect : Interconectarea cladirilor existente si constructie noua in incinta Spitalului Clinic Județean de Urgență « Pius Branzu » Timisoara, in vederea reorganizarii circuitelor medicale pentru departamentele: UPU, Chirurgie, ATI si Centru de Mari Arsi. | Pr. Nr. P.013049 |
| SPECIFICATIE   | NUME                       | SEMNTATURA | Scara: -             | Locatie : Bulevardul Liviu Rebreanu 156, Timisoara 300723   | Faza: PT+DE      |
| SEF PROIECT  | Arh.Christian TANASCAUX    |            | Format: A0+          | Beneficiar : Consiliul Județean Timis   | Rev. 00          |
| MANAGER PROIECT  | Ing. Liviu POPA- BELEGANTE |            |                      | Investitor : Ministerul Sanatatii - Romania   |                  |
| VERIFICAT  | Ing. Ionel OPREA           |            | Data: Februarie 2021 | Denumire desen: SCHEMA MONOFILARA THVAC1<br>SINGLE LINE DIAGRAM THVAC1  |                  |
| DESENAT  | Ing. Constantin SAMOILA    |            |                      | Nr desen: P.013049_D8_IE101   |                  |
| PROIECTAT  | Ing. Constantin SAMOILA    |            |                      | Pagina 1/1  |                  |