

Project: SHFMU "Mirali Sejdiu" Gërmovë, Viti

Singel line diagram T-P for new heating substation

Switchboard label: T-P

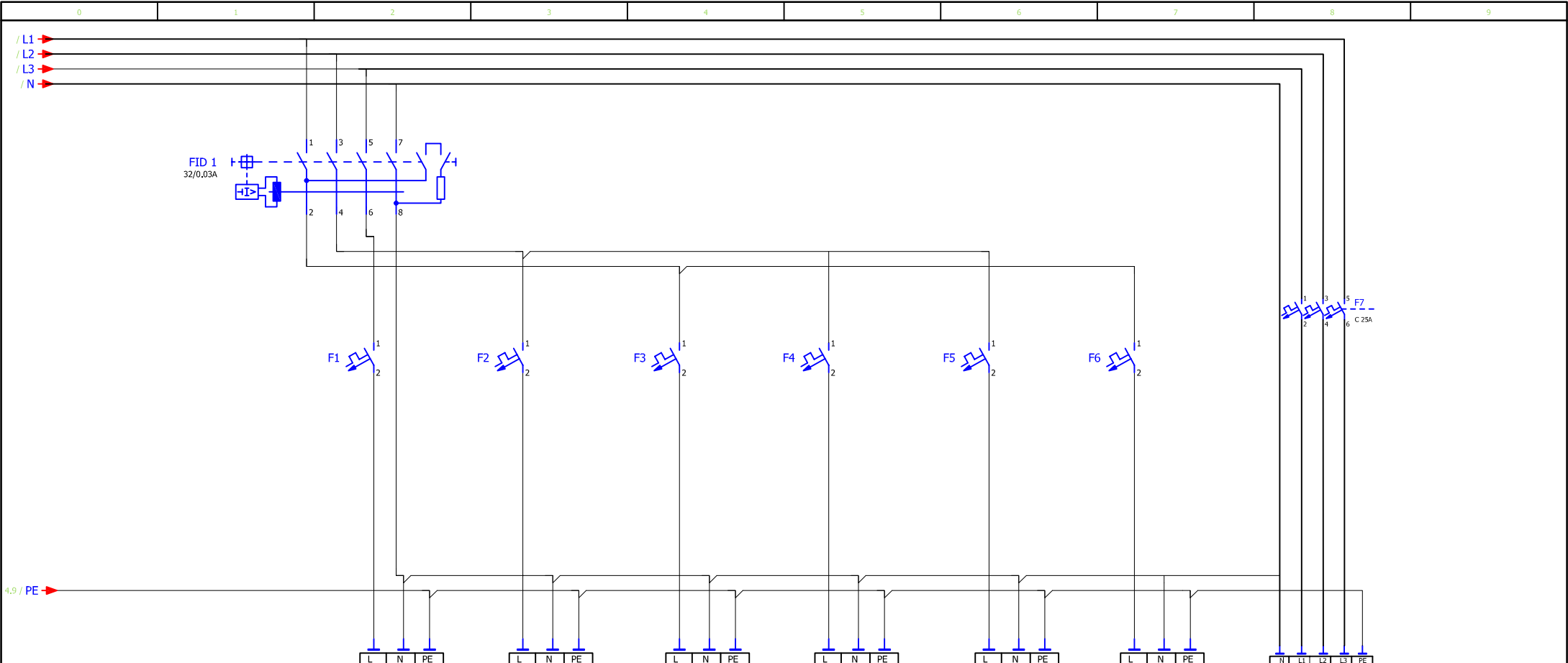
Peek power	5.5 kW
Main switch	8.36A
Level of mechanical protection	IP 54
Protective grounding method	TN-S

- According to IEC 439-1 / DIN VDE 0660
- ☐ COPMLETLY INSULATED - Mounting plates are not connected to protective grounding
- ☒ MOUNTING PLATE - Mounting plates are connected to protectiv ground

Rated voltages:				V	No of phases	Hz	Wire colors			
Main voltage:				400	3 ~	50	Main voltage: Black			
Operating voltage 1:				230	1 ~	50	Controll voltage: Black			
Operating voltage 2:				24	1 ~	50	Neutral: Blue			
Operating voltage 3:				12	1 =	DC	24 V AC L Brown			
							24 V AC L White			
							Protection: Yellow/Green			

Drawn by:			
Approved by:			

				Date		22.02.2024		Table T-P-Shkolia		.		Power supply				=				1	
				Ed.		Dukagjin Ramqaj										+					
				Appr																	
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			E1	W1	E2	E3	RZ	R1	E4
DESCRIPTION OF THE CIRUCITS			Lighting	Energy heating meters	Sockets	Sockets	Sockets	Modul for vave	Burner
Power	P	kW	0.072	0.30	0.30	0.30	0.30	0.30	3.00
Rated current	I _n	A	0.323	1.30	1.30	1.30	1.30	1.30	4.8
Type of equipment		TIP	Modulare	Modulare	Modulare	Modulare	Modulare	Modulare	Modulare
Fuse	I _n	A	10	16	16	16	16	16	16
Diferencial current	I _{dd}	mA	/	/	/	/	/	/	/
Short circuit currents	I _{cc}	kA	/	/	/	/	/	/	/
Curve		TIP	C	C	C	C	C	C	C
Type Cable		TIP	NYY-J	NYY-J	NYY-J	NYY-J	NYY-J	NYY-J	NYY-J
Section of conductor	S	MM ²	3x1.5mm ²	3x2.5mm ²	3x2.5mm ²	3x2.5mm ²	3x2.5mm ²	3x2.5mm ²	5x4mm ²

