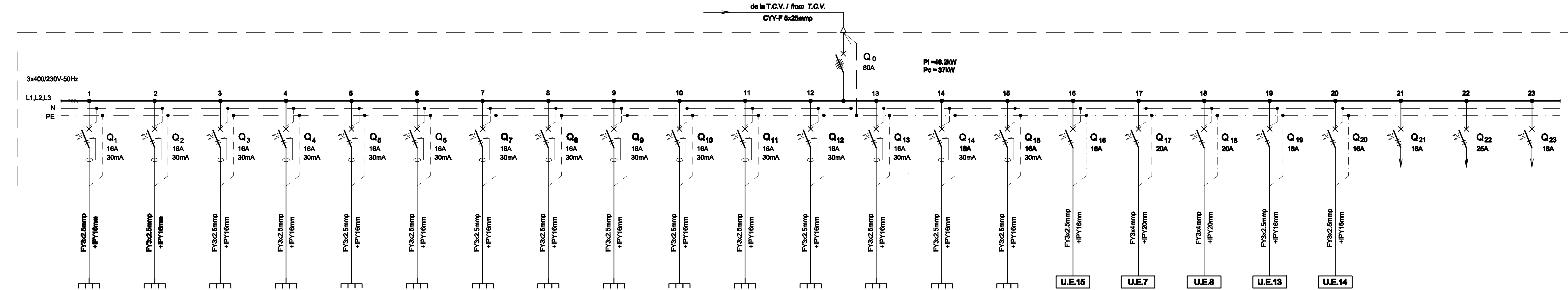


TABLOU ELECTRIC T.C.V.E. - SCHEMA MONOFILARA
T.C.V.E. ELECTRIC BOARD - SINGLE-WIRE DIAGRAM



Nr. circuit Circuit number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
P1 [kW]	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.1	2.45	2.45	1.1	1.1	3	3	2
Destinatia Destination	SALA COMPUTERE SI RELEE COMPUTER AND RELAY ROOM 4LP / Sockets outlet	SALA COMPUTERE SI RELEE COMPUTER AND RELAY ROOM 3LP / Sockets outlet	ELECTRIFICARE ELECTRIFICATION 4LP / Sockets outlet	ELECTRIFICARE ELECTRIFICATION 4LP / Sockets outlet	ELECTRIFICARE ELECTRIFICATION 4LP / Sockets outlet	DISTRICT LINII LINES DISTRICT ROOM 4LP / Sockets outlet	DISTRICT LINII, ELECTRIFICARE LINES DISTRICT ROOM, ELECTRIFICATION 4LP / Sockets outlet	DISTRICT LINII LINES DISTRICT ROOM 3LP / Sockets outlet	DISTRICT LINII LINES DISTRICT ROOM 4LP / Sockets outlet	DISTRICT LINII LINES DISTRICT ROOM 3LP / Sockets outlet	CAMERA S.C.B. S.C.B. ROOM 3LP / Sockets outlet	CAMERA S.C.B. S.C.B. ROOM 4LP / Sockets outlet	CAMERA S.C.B. S.C.B. ROOM 3LP / Sockets outlet	ATELIER CED, TURANT CED IS WORKSHOP, IS SHIFTMAN 4LP / Sockets outlet	GSM R GSM R ROOM 5LP / Sockets outlet	UNITATE EXTERIOARA DE CLIMATIZARE SISTEM MONOSPLIT OUTDOOR UNIT AIR CONDITIONING SYSTEM MONOSPLIT 1Buc. / Piece	UNITATE EXTERIOARA DE CLIMATIZARE SISTEM MONOSPLIT OUTDOOR UNIT AIR CONDITIONING SYSTEM MONOSPLIT 1Buc. / Piece	UNITATE EXTERIOARA DE CLIMATIZARE SISTEM MONOSPLIT OUTDOOR UNIT AIR CONDITIONING SYSTEM MONOSPLIT 1Buc. / Piece	UNITATE EXTERIOARA DE CLIMATIZARE SISTEM MONOSPLIT OUTDOOR UNIT AIR CONDITIONING SYSTEM MONOSPLIT 1Buc. / Piece	UNITATE EXTERIOARA DE CLIMATIZARE SISTEM MONOSPLIT OUTDOOR UNIT AIR CONDITIONING SYSTEM MONOSPLIT 1Buc. / Piece	REZERVA TRIFAZATA THREE-PHASE RESERVE	REZERVA MONOFAZATA SINGLE-PHASE RESERVE	REZERVA MONOFAZATA SINGLE-PHASE RESERVE

TABLOU ELECTRIC T.C.V.E. - SPECIFICATIE DE APARATAJ
T.C.V.E. ELECTRIC BOARD - EQUIPMENT SPECIFICATION

Nr. Nr.	1	2	3	4	5
0	Q0	Separator de sarcina tripolar cu fuzibil / Three-pole switch-disconnector with fuse	In=80A Un=400V Uimp=8kV f=50Hz Icm=2.2kA	1	
1	Q1,....,Q15	Intreupator automat bipolar cu protectie in curent diferential rezidual, curba C / Two-poles circuit breaker with protection at residual differential current device, curve C	In=16A Un=230V Icu=8kA f=50Hz IΔn=0,03A Tip A Nivel de imunitate 250A la forma de unda 8/20 μS Level of immunity 250A to wave form 8/20 μS	15	
2	Q16, Q18, Q20, Q22	Intreupator automat bipolar, curba C / Two-poles circuit breaker, curve C	In=16A Un=230V Icu=8kA f=50Hz	4	
3	Q17, Q18	Intreupator automat bipolar, curba C / Two-poles circuit breaker, curve C	In=20A Un=230V Icu=8kA f=50Hz	2	
4	Q21	Intreupator automat tripolar, curba C / Three-poles circuit breaker, curve C	In=16A Un=400V Icu=8kA f=50Hz	1	
5	Q22	Intreupator automat bipolar, curba C / Two-poles circuit breaker, curve C	In=25A Un=400V Icu=8kA f=50Hz	1	
6	-	Cutie / Box	IP30, Clasa I / Class I	1	

D					
C					
B					
A					
Indice Index	Data Date	Modificare Modification/Revision	Proiectant Designer	Aprobat Consultant Approved Consultant	Aprobat CFR Approved CFR
GUVERNUL ROMANIEI ROMANIAN GOVERNMENT		PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ EUROPEAN UNION FINANCED PROJECT			
CLIENT / CLIENT		C.N.C.F. "C.F.R." - S.A.			
GRUPPO FERROVIE DELLO STATO Joint Venture leader				PLANEN + BERATEN GmbH	
Consulting Engineers		CONSULTANT / CONSULTANT		Data Date	Semnătură Signature
Aprobat Approved	Șef proiect Project manager	R. Liuzza		12.2011	
Aprobat Approved	Coordonator Secțiune 1 Section 1 Coordinator	C. Gambelli		12.2011	
Verificat Checked	Expert Verificator Checking Expert	G. Fioravanti		12.2011	
SUBCONTRACTANT / SUBCONTRACTOR					
Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible	A. Stanciu - Dinulescu		12.2011	
Intocmit Elaborated	Proiectant Designer	D. Matei		12.2011	
Reabilitarea liniei de cale ferata Braşov - Simeria, parte componentă a a coridorului IV Pan European, pentru circulația trenurilor cu viteză maximă de 160 km/h, Tronsonul : Braşov - Sighişoara Rehabilitation of the railway line Braşov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h, Section : Braşov - Sighişoara					
Denumire desen / Drawing Title : Tablou electric T.C.V.E. - Stația Racoș; Racoș station - T.C.V.E. electric board					
Codificare / Codification System		Scara / Scale	LOT / LOT	Nr. / No 01 / 01	
E	A	5	1	0	1
E	1	1	B	X	1
I	E	0	0	3	1
0	5	9	1		