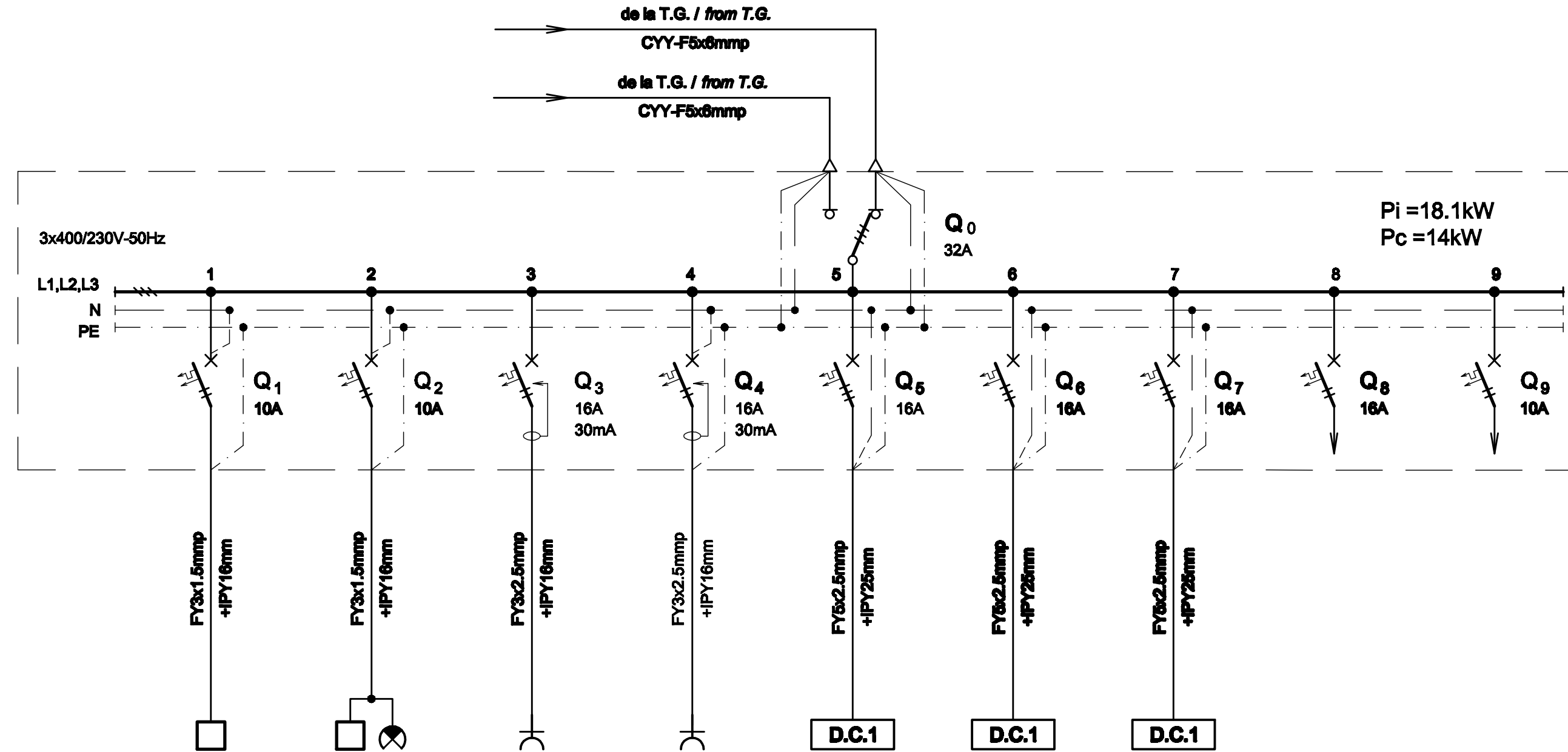


TABLOU ELECTRIC T.T.R. - SCHEMA MONOFILARA
T.T.R. ELECTRIC BOARD - SINGLE-WIRE DIAGRAM

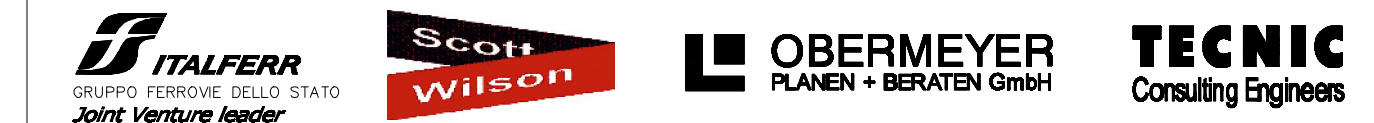


Nr. circuit Circuit number	1	2	3	4	5	6	7	8	9
PI [kW]	0.9	1.2	2	2	3	3	3	2	1
Destinatia Destination	RELEE T.T.R. EQUIPMENTS ROOM 9LL / Lamps	RELEE T.T.R. EQUIPMENTS ROOM 12LL / Lamps	RELEE T.T.R. EQUIPMENTS ROOM 3LP / Sockets outlet	RELEE T.T.R. EQUIPMENTS ROOM 4LP / Sockets outlet	DULAP DE CLIMATIZARE CLOSET AIR CONDITIONING 1Bus. / Piece	DULAP DE CLIMATIZARE CLOSET AIR CONDITIONING 1Bus. / Piece	DULAP DE CLIMATIZARE CLOSET AIR CONDITIONING 1Bus. / Piece	REZERVA MONOFAZATA SINGLE-PHASE RESERVE	REZERVA MONOFAZATA SINGLE-PHASE RESERVE

TABLOU ELECTRIC T.T.R. - SPECIFICATIE DE APARATAJ
T.T.R. ELECTRIC BOARD - EQUIPMENT SPECIFICATION

Nr. No.	Symbol	Denumirea aparatului Equipment denomination	Caracteristici tehnice Technical data	Buc. Pcs.	Observatii Remarks
0	1	2	3	4	5
1	Q0	Inversor de sursa tripolar Three-poles source change-over switch	In=32A Un=400V Uimp=8kV f=50Hz Icm=2,2kA	1	
2	Q1,Q2,Q9	Intrerupator automat bipolar, curba B Two-poles circuit breaker, curve B	In=10A Un=230V Icu=8kA f=50Hz	3	
3	Q3,Q4	Intrerupator automat bipolar cu protectie la curent diferential rezidual, curba C / Two-poles circuit breaker with protection at residual differential current device, curve C	In=16A Un=230V Icu=6kA 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	2	
4	Q5,Q6,Q7	Intrerupator automat tripolar, curba C Three-poles circuit breaker, curve C	In=16A Un=400V Icu=8kA f=50Hz	3	
5	Q8	Intrerupator automat bipolar, curba C Two-poles circuit breaker, curve C	In=16A Un=230V Icu=8kA f=50Hz	1	
5	-	Cutie / Box	IP30, Class 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



CONSULTANT / CONSULTANT		Data Date	Semnatura Signature
Aprobat Approved	Şef proiect Project manager	12.2011	<i>[Signature]</i>
Aprobat Approved	Coordonator Secțiune 1 Section 1 Coordinator	12.2011	<i>[Signature]</i>
Verificat Checked	Expert Verificator Checking Expert	12.2011	<i>[Signature]</i>

SUBCONTRACTANT / SUBCONTRACTOR		Data Date	Semnatura Signature
Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible	12.2011	<i>[Signature]</i>
Intocmit Elaborated	Proiectant Designer	12.2011	<i>[Signature]</i>

Reabilitarea liniei de cale ferata Braşov - Simeria, parte componentă a coridorului IV Pan European, pentru circulația trenurilor cu viteza 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.T.R. - Centru operațional de comandă;
 Operational command center - T.T.R. electric board**

Codificare / Codification System	Scara / Scale	LOT / LOT	Nr. / No 01 / 01
E A 5 1 0 1 E 0 1 B X I E 0 0 1 9 0 1 9 1			