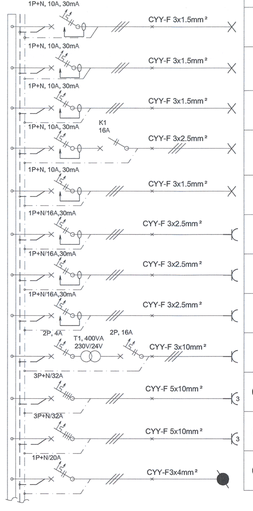
SCHEMĂ MONOFILARĂ TABLOU ELECTRIC TE-Atelier /
MONOFILAR ELECTRICAL SCHEME FOR ELECTRIC PANEL TE-Atelier

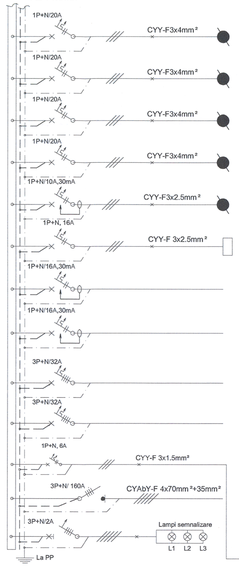
TE-Atelier

Pi = 77,81 kW Pa = 62,25 kW Ic=117 A	Un = 400 V.c.a Cosϕ= 0,77 Cs = 0,8



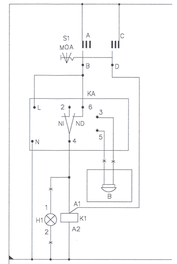
Circ.	Nr. rec. LL/LP	Pi [kW]	Pi [kW] L1	Pi [kW] L2	Pi [kW] L3	Ic	Observaţii/ Observations
C1	14LL	1.26	1.26	-	-	5.8	Iluminat genereal atelier General Lights Workshop
C2	14LL	1.26	-	-	1.26	5.8	Iluminat genereal atelier General Lights Workshop
C3	2LL	0.36	-	0.36	-	1.6	Iluminat Magazie Lights Warehouse
C4	6LL	1.88	-	-	1.88	8.6	Iluminat exterior Exterior Lights
C5	14LL	0.45	0.45	-	-	2.1	Iluminat Canal Revizie Lights Maintenance Channel
C6	3LP	2.0	-	2.0	-	10.9	Prize Atelier Sockets Workshop
C7	3LP	2.0	-	-	2.0	10.9	Prize Atelier Sockets Workshop
C8	4LP	2.0	-	2.0	-	10.9	Prize Canal Revizie Sockets Maintenance Channel
C9	2LP	0.3	0.3	-	-	1.4	Prize 24V Canal Revizie 24V Sockets Maintenance Channel
C10	1LP	12.8	4.2	4.2	4.4	26.4	Prize Atelier Sockets Workshop
C11	1LP	12.8	4.2	4.2	4.4	26.4	Prize Atelier Sockets Workshop
C12	R	3.0	3.0	-	-	16.3	Convector electric Electric convector

TE-Atelier



C13	R	3.0	-	3.0	-	16.3	Convector electric Electric convector
C14	R	3.0	-	-	3.0	16.3	Convector electric Electric convector
C15	R	3.0	3.0	-	-	16.3	Convector electric Electric convector
C16	R	3.0	-	3.0	-	16.3	Convector electric Electric convector
C17	R	1.2	-	-	1.2	5.2	Boiler electric Electric boiler
C18	R	2.0	2.0	-	-	10.9	Cabina automata de protectie catodica Automatic panel for chatodic protection
C19	-	2.0	-	2.0	-	10.9	Rezerva Reserve
C20	-	2.0	-	-	2.0	10.9	Rezerva Reserve
C21	-	9.0	3.00	3.00	3.00	18.6	Rezerva Reserve
C22	-	9.0	3.00	3.00	3.00	18.6	Rezerva Reserve
C23	-	0.5	-	-	0.5	2.2	Comanda iluminat Lighting control
-	ΣPi=	77.81	24.41	26.76	26.64	117	Alimentare Tablou din TSC Electric panel supply from TSC

LEGENDĂ / LEGEND:



Notă/ Note:
Schemele monofilare se vor consulta împreună cu planurile de electrice.
În cazul în care se vor achiziţiona echipamente (utilaje) electrice cu caracteristici tehnice diferite, faţă de cele prevăzute în proiect, se va redimensiona schema monofilară.
Orice greşeala sau neconcordanţă găsită, executantul are obligaţia de a atrage atenţia proiectantului, altfel executantul va fi responzabilor pentru acestea.
The single-wire diagrams will be read together with the layouts plans.
If purchased electrical equipment (machinery) have different characteristics, from those in the project, the single-wire diagrams will be resized .
The contractor has to draw the attention of the designer with regard to any error or incongruity encountered, otherwise the contractor will be responsible for it.

Verificator / Expert Checker / Expert	Cerinţa Requirement	Semnătura Signature	Referat / Expertiză Report / Expertise
			855/24.06.2013

European Investment Bank

MINISTERUL TRANSPORTURILOR

BENEFICIAR / BENEFICIARY :

COMPANIA NAŢIONALĂ DE CĂI FERATE "CFR" SA

PROIECTANT / DESIGNER: PÖYRY			Data Date	Semnătura Signature
Aprobat Approved	Şef de echipă Team leader	C. Teodorescu	01.2013	
Verificat Checked	Expert Cheie Key Expert	D.A. Stănescu	01.2013	
Subcontractant / Subcontractor VIOTOP				
Aprobat Approved	Adjunct Şef de echipă Deputy Team leader	A.M. Baicu	01.2013	
Proiectat Designed	Inginer Engineer	M. Ciocîrlan	01.2013	

"Reabilitarea liniei c.f. Frontieră - Curtici - Simeria, parte componentă a coridorului IV Pan - European pentru circulaţia trenurilor cu viteză maximă de 160 km/h"
Transonul 3: Gurasada - Simeria
"Rehabilitation of the Railway Line Border - Curtici - Simeria , component Part of the IV Pan - European Corridor for the Trains Circulation with maximum speed of 160 km/h"
Section 3: Gurasada - Simeria

Faza / Phase: PTH+CS / TD+TS

Project 9i 35311.1

Denumire desen / Drawing name:

Schemă monofilară tablou TE-Atelier - Hală mentenanţă Deva
Deva Maintenance hall - Unifilar diagram for TE-Atelier panel

Scara / Scale	Revizia / Revision	Cod desen / Drawing Code	Nr / No
-	1/05.2013	PT.03.03.26.IE.07.030	30/32