



$P_i = 33.52 \text{ kW}$
 $P_{nj} = knj.pr Pp + knj.nd Pn = 0.75 * 25.5 + 0.9 * 8.02 = 26.33 \text{ kW}$
 $I_n = 26.33 / (1.73 * 400) = 38.05 \text{ A}$

$P_i = 16.69 \text{ kW}$
 $P_{nj} = 0.75 * 16.67 + 0.9 * 0.24 = 12.50 \text{ kW}$
 $I_n = 12.5 / (1.73 * 400) = 18.06 \text{ A}$

Numri i sigureses	1	2	3	4	5	6	7	8	9	10-12	13	14	15	14	15	16	17	18	19	20	21	22	23	24	26-28
L1 [kW]	11.38	0.40		0.20			1.28			0.50				1.50		1.50			1.50						4.50
L2 [kW]	11.72	0.54		0.42			0.96			0.50		0.30		1.50					1.50						4.50
L3 [kW]	10.42		0.30		0.36			0.96	0.50	0.80				1.50				1.50							4.50
Total [kW]	33.52																								

Numri i sigureses	1	2	3	4	5	6	7	8	9	10-12	13	14	15
L1 [kW]	5.00	0.06		0.50			0.43			4.00			
L2 [kW]	6.06	0.24		0.30			1.50			4.00			
L3 [kW]	5.63		Rez.			0.13		1.50	4.00				
Total [kW]	16.69												

- Note:
- The switchboard to be made in accordance with EN60439-3
 - The equipment and all live parts to be installed behind protective front plates
 - The circuit breakers are chosen according to the calculated short circuit currents.

Revision No	00	Date	01.04.2014	Replacing DWG No.	MUN/J/Arch/GF/02/rev00	Issued by [Name, Position]	arch.IILIR GJINOLLI - Design Coordinator	Signature
Project: Construction of municipal social and economic infrastructure – phase VII An EU funded project managed by the European Union Office in Kosovo								
LOT 1 - Construction of municipal social and economic infrastructure in Western Kosovo Scheme: Junik / Junik school – Construction of the GYM								
Contract Ref. No: 2013/336-048 & 2013/336-395				Beneficiary: Ministry of Local Government Administration				
Supervisor - Consortium: INGEDIA SA Groupe NOX- NOX International - WSP Group								
Contractor - Consortium: NPSH CONIN - ALBA CONSTRUCTION shpk								
Designer	Signature	Coordinated with:	Signature	Speciality:	ELECTRICAL		Phase:	DD
arch.IILIR GJINOLLI		Architecture		Structure	Single Line Diagram		Scale:	None
arch.ARBENITA YMERI REXHEPI		Structural		Mechanical	MMB and DB-TR			
arch.ARDITA BYCI JAKUPI		Electrical			Level:		Date:	03.04.2014
arch.MERAL HALLAQI RADONIQI					DWG No.			
arch.FRESKIM SYLEJMANI					MUN/J/E/B/03/rev00			
arch.ba.FISNIK ZHERKA								
arch.cand.DREN GOJANI								