

DISTRIBUTION BOARD LDB.6	
Location Area	Level 6
Servis Area	Level 6
Feeding Circuit Breaker	3x32 A
Feeding cable	5x6 N2XH
User Circuit Breaker	3x32 A
COS Ø	0,90
Short-circuit current (kA)	5,24

	Power (kW)	Current (A)
Installed	29,90	50,34
Simulation (ks)	0,40	0,40
Demand	11,96	20,13

№	BREAKER №	Line Name	Load Name	DESCRIPTION	faza	Vol tage (v)	Cos Ø	LOAD POWER (W)				LOAD CURRENT (A)			ELCB	BREAKER	CABLE										I _{kz} (kA)
								sum	L1	L2	L3	L1	L2	L3			Leng th	Instal Method	Corre ction	Wire Size (mm ²)	TYPE		Iz	MAX ΔU%	ΔU%		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
1	LDB.6	B1:01	DB.602	BOARD	1	220	0,90	1 400	1 400			7,07				2P/20A/C/6kA	20	C	0,78	3x2,5	N2XH	CU-XLPE/XLPE	25,74 A	3,0	0,81	1,31	
2	LDB.6	B1:02	DB.604	BOARD	1	220	0,90	1 400		1 400			7,07			2P/20A/C/6kA	20	C	0,78	3x2,5	N2XH	CU-XLPE/XLPE	25,74 A	3,0	0,81	1,31	
3	LDB.6	B1:03	DB.605	BOARD	1	220	0,90	1 400			1 400			7,07		2P/20A/C/6kA	20	C	0,78	3x2,5	N2XH	CU-XLPE/XLPE	25,74 A	3,0	0,81	1,31	
4	LDB.6	B1:04	DB.606	BOARD	1	220	0,90	1 400	1 400			7,07				2P/20A/C/6kA	25	C	0,78	3x2,5	N2XH	CU-XLPE/XLPE	25,74 A	3,0	1,01	1,10	
5	LDB.6	B1:05	DB.607	BOARD	1	220	0,90	1 400		1 400			7,07			2P/20A/C/6kA	25	C	0,78	3x2,5	N2XH	CU-XLPE/XLPE	25,74 A	3,0	1,01	1,10	
6	LDB.6	B1:06	DB.608	BOARD	1	220	0,90	1 400			1 400			7,07		2P/20A/C/6kA	25	C	0,78	3x2,5	N2XH	CU-XLPE/XLPE	25,74 A	3,0	1,01	1,10	
7	LDB.6	B1:07	DB.609	BOARD	1	220	0,90	1 400	1 400			7,07				2P/20A/C/6kA	25	C	0,78	3x2,5	N2XH	CU-XLPE/XLPE	25,74 A	3,0	1,01	1,10	
8	LDB.6	B1:08	DB.610	BOARD	1	220	0,90	1 400		1 400			7,07			2P/20A/C/6kA	30	C	0,78	3x2,5	N2XH	CU-XLPE/XLPE	25,74 A	3,0	1,22	0,95	
9	LDB.6	B1:09	DB.611	BOARD	1	220	0,90	1 400			1 400			7,07		2P/20A/C/6kA	30	C	0,78	3x2,5	N2XH	CU-XLPE/XLPE	25,74 A	3,0	1,22	0,95	
10	LDB.6	B1:10	DB.612	BOARD	1	220	0,90	1 400	1 400			7,07				2P/20A/C/6kA	32	C	0,78	3x2,5	N2XH	CU-XLPE/XLPE	25,74 A	3,0	1,30	0,90	
11	LDB.6	B1:11	DB.613	BOARD	1	220	0,90	1 400		1 400			7,07			2P/20A/C/6kA	32	C	0,78	3x2,5	N2XH	CU-XLPE/XLPE	25,74 A	3,0	1,30	0,90	
12	LDB.6	B1:12	DB.614	BOARD	1	220	0,90	1 400			1 400			7,07		2P/20A/C/6kA	35	C	0,78	3x2,5	N2XH	CU-XLPE/XLPE	25,74 A	3,0	1,42	0,84	
13	LDB.6	B1:13	DB.615	BOARD	1	220	0,90	1 400	1 400			7,07				2P/20A/C/6kA	35	C	0,78	3x2,5	N2XH	CU-XLPE/XLPE	25,74 A	3,0	1,42	0,84	
14	LDB.6	B1:14	DB.616	BOARD	1	220	0,90	1 400		1 400			7,07			2P/20A/C/6kA	40	C	0,78	3x2,5	N2XH	CU-XLPE/XLPE	25,74 A	3,0	1,62	0,75	
15	LDB.6	B1:15	DB.617	BOARD	1	220	0,90	1 400			1 400			7,07		2P/20A/C/6kA	40	C	0,78	3x2,5	N2XH	CU-XLPE/XLPE	25,74 A	3,0	1,62	0,75	
16	LDB.6	B1:16	DB.618	BOARD	1	220	0,90	1 400	1 400			7,07				2P/20A/C/6kA	43	C	0,78	3x2,5	N2XH	CU-XLPE/XLPE	25,74 A	3,0	1,75	0,70	
17	LDB.6	B1:17	DB.619	BOARD	1	220	0,90	1 400		1 400			7,07			2P/20A/C/6kA	43	C	0,78	3x2,5	N2XH	CU-XLPE/XLPE	25,74 A	3,0	1,75	0,70	
18	LDB.6	B1:18	DB.620	BOARD	1	220	0,90	1 400			1 400			7,07		2P/20A/C/6kA	45	C	0,78	3x2,5	N2XH	CU-XLPE/XLPE	25,74 A	3,0	1,83	0,67	
19	LDB.6	B1:19	DB.624	BOARD	1	220	0,90	1 400	1 400			7,07				2P/20A/C/6kA	50	C	0,78	3x2,5	N2XH	CU-XLPE/XLPE	25,74 A	3,0	2,03	0,61	
20	LDB.6	L1:01	განათება	LIGHT	1	220	0,90	200		200			1,01		2P/16A	1P/10A/B/6kA	75	C	0,78	3x1,5	N2XH	CU-XLPE/XLPE	18,72 A	3,0	0,72	-	
21	LDB.6	L1:02	განათება	LIGHT	1	220	0,90	40			40			0,20	2P/16A	1P/10A/B/6kA	45	C	0,78	3x1,5	N2XH	CU-XLPE/XLPE	18,72 A	3,0	0,09	-	
22	LDB.6	L1:03	განათება	LIGHT	1	220	0,90	220	220			1,11			2P/16A	1P/10A/B/6kA	110	C	0,78	3x1,5	N2XH	CU-XLPE/XLPE	18,72 A	3,0	1,17	-	
23	LDB.6	L1:04	განათება	LIGHT	1	220	0,90	160		160			0,81		2P/16A	1P/10A/B/6kA	50	C	0,78	3x1,5	N2XH	CU-XLPE/XLPE	18,72 A	3,0	0,39	-	
24	LDB.6	L1:05	განათება	LIGHT	1	220	0,90	360			360			1,82	2P/16A	1P/10A/B/6kA	75	C	0,78	3x1,5	N2XH	CU-XLPE/XLPE	18,72 A	3,0	1,30	-	
25	LDB.6	rezerve	რეზერვი	LIGHT	1	220	0,90	0	0			0,00			2P/16A	1P/10A/B/6kA	0	C	0,78	3x1,5	N2XH	CU-XLPE/XLPE	18,72 A	3,0	0,00	-	
26	LDB.6	S1:01	როზეტები	SOCKET	1	220	0,90	700		700			3,54		2P/16A	1P/16A/B/6kA	90	C	0,78	3x2,5	N2XH	CU-XLPE/XLPE	25,74 A	3,0	1,83	-	
27	LDB.6	S1:02	რევი	SOCKET	1	220	0,90	1 200			1 200			6,06	2P/16A	1P/16A/B/6kA	55	C	0,78	3x2,5	N2XH	CU-XLPE/XLPE	25,74 A	3,0	1,91	-	
28	LDB.6	S1:03	ვენკილი	SOCKET	1	220	0,90	420	420			2,12				1P/16A/B/6kA	20	C	0,78	3x1,5	N2XH	CU-XLPE/XLPE	18,72 A	3,0	0,41	-	
29	LDB.6	rezerve	რეზერვი	SOCKET	1	220	0,90	0		0			0,00		2P/16A	1P/16A/B/6kA	0	C	0,78	3x1,5	N2XH	CU-XLPE/XLPE	18,72 A	3,0	0,00	-	
30	LDB.6	rezerve	რეზერვი	SOCKET	1	220	0,90	0			0			0,00	2P/16A	1P/16A/B/6kA	0	C	0,78	3x1,5	N2XH	CU-XLPE/XLPE	18,72 A	3,0	0,00	-	
31	LDB.6	rezerve	რეზერვი	SOCKET	1	220	0,90	0	0			0,00				1P/16A/B/6kA	0	C	0,78	3x1,5	N2XH	CU-XLPE/XLPE	18,72 A	3,0	0,00	-	
								29 900	10 440	9 460	10 000	52,7	47,8	50,5													