

Zapojení	Přístroj	Poznámka
1B1	Sít TN $I_n = 100 \text{ A}$ $U_2 = 242/420 \text{ V}$ $dU = 0.6 \%$	$I_{k1}'' = 6.18 \text{ kA}$
	TN-C TN-S	
1B6	Sběrnice $B = 0.5$ $U = 417 \text{ V}$ ($U_n + 4.4\%$)	$I_{k1}'' = 6.18 \text{ kA}$ $i_p = 10.4 \text{ kA}$
	3f L2	$I_{k1}'' = 6.18 \text{ kA}$ $i_{p1} = 10.4 \text{ kA}$
2Q8	LTN-6B $I_n = 6 \text{ A}$	$I_{cn} = 10 \text{ kA}$ $I_i = 27 \text{ A}$
	$Z_s(0.4s) = 7.62 \text{ Ohm}$, $I_a = 30 \text{ A}$, $R(50V/5s) = 1.65 \text{ Ohm}$	
2L9	1-CXKE-R 3x1.5 $I_z = 20 \text{ A}$ $t_m = 53^\circ \text{ C}$ 20 m, (C) $dU = 0.1 \%$ $I^2 t < k^2 S^2$	$I_{k1}'' = 795 \text{ A}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($663 \text{ mOhm} < 7.62 \text{ Ohm}$, $2/3 Z_s = 5.08 \text{ Ohm}$) $i_{p1} = 1.15 \text{ kA}$
3B31	Vývod $S = 100 \text{ VA}$ $x_B = 100 \text{ VA}$ $\cos \phi_i = 0.95$ $I_{k1}'' = 795 \text{ A}$ $I = 433 \text{ mA}$ $U = 241 \text{ V}$ ($U_n + 4.3\%$) $B = 1$	O.K. $Z_{sv} < Z_s(0.4s)$ ($663 \text{ mOhm} < 7.62 \text{ Ohm}$, $2/3 Z_s = 5.08 \text{ Ohm}$) $i_{p1} = 1.15 \text{ kA}$
	L2	

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	TN-C TN-S	
1B6	Sběrnice $B = 0.5$ $U = 417 \text{ V}$ ($U_n + 4.4\%$)	$I_k'' = 6.18 \text{ kA}$ $i_p = 10.4 \text{ kA}$
	3f L3	$I_{k1}'' = 6.18 \text{ kA}$ $i_{p1} = 10.4 \text{ kA}$
3F18	DLI-16B-1N-030AC $I_n = 16 \text{ A}$ $I_{dn} = 0.03 \text{ A}$ $I_{cn} = 10 \text{ kA}$ $I_i = 72 \text{ A}$	
	$Z_s(0.4s) = 1.54 \text{ k}\Omega$, $5 \times I_{dn} = 0.15 \text{ A}$, $R(50V/5s) = 1.7 \text{ k}\Omega$	
3L9	1-CXKE-R 3x2,5 $I_z = 28 \text{ A}$ $t_m = 110^\circ \text{ C}$ $I_k'' = 1.57 \text{ kA}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($352 \text{ m}\Omega < 1.54 \text{ k}\Omega$, $2/3 Z_s = 1.03 \text{ k}\Omega$) 15 m, (C) $dU = 0.2 \%$ $I^2 t < k^2 S^2$ $i_{p1} = 2.26 \text{ kA}$	
3B32	Vývod $P = 500 \text{ W}$ $x_B = 500 \text{ W}$ $\cos \phi_i = 0.95$ $I_{k1}'' = 1.57 \text{ kA}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($352 \text{ m}\Omega < 1.54 \text{ k}\Omega$, $2/3 Z_s = 1.03 \text{ k}\Omega$) $I = 2.28 \text{ A}$ $U = 241 \text{ V}$ ($U_n + 4.2\%$) $B = 1$ $i_{p1} = 2.26 \text{ kA}$	
	L3	

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	TN-C TN-S		
1B6	Sběrnice $B = 0.5$ $U = 417 \text{ V}$ ($U_n + 4.4\%$)	$I_k'' = 6.18 \text{ kA}$ $i_p = 10.4 \text{ kA}$	
4Q8	LTN-32B $I_n = 32 \text{ A}$ $Z_s(0.4s) = 1.43 \text{ Ohm}$, $I_a = 161 \text{ A}$, $R(50V/5s) = 310 \text{ mOhm}$	$I_{cn} = 10 \text{ kA}$ $I_i = 144 \text{ A}$	
4L9	1-CXKE-R 5x6 $I_z = 44 \text{ A}$ $t_m = 105^\circ \text{ C}$ 15 m, (B) $dU = 0.7 \%$ $I^2 t < k^2 S^2$	$I_k'' = 3.24 \text{ kA}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($211 \text{ mOhm} < 1.43 \text{ Ohm}$, $2/3 Z_s = 953 \text{ mOhm}$) $i_p = 4.69 \text{ kA}$	
3B33	Vývod $I = 32 \text{ A} \times B = 32 \text{ A}$ $I = 32.0 \text{ A}$ $U = 415 \text{ V}$ ($U_n + 3.8\%$) $B = 1$	$\cos \phi_i = 0.95$ $I_k'' = 3.24 \text{ kA}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($211 \text{ mOhm} < 1.43 \text{ Ohm}$, $2/3 Z_s = 953 \text{ mOhm}$) $i_p = 4.69 \text{ kA}$	

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	TN-C TN-S		
1B6	Sběrnice $B = 0.5$ $U = 417 \text{ V}$ ($U_n + 4.4\%$)	$I_k'' = 6.18 \text{ kA}$ $i_p = 10.4 \text{ kA}$	
5Q8	LTN-32B $I_n = 32 \text{ A}$ $Z_s(0.4s) = 1.43 \text{ Ohm}$, $I_a = 161 \text{ A}$, $R(50V/5s) = 310 \text{ mOhm}$	$I_{cn} = 10 \text{ kA}$ $I_i = 144 \text{ A}$	
5L9	1-CXKE-R 5x6 $I_z = 44 \text{ A}$ $t_m = 105^\circ \text{ C}$ 30 m, (B) $dU = 1.5 \%$ $I^2 t < k^2 S^2$	$I_k'' = 2.05 \text{ kA}$ $i_p = 2.96 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($316 \text{ mOhm} < 1.43 \text{ Ohm}$, $2/3 Z_s = 953 \text{ mOhm}$)
3B34	Vývod $I = 32 \text{ A} \times 8 = 32 \text{ A}$ $I = 32.0 \text{ A}$ $U = 412 \text{ V}$ ($U_n + 3.1\%$) $B = 1$	$\cos \phi_i = 0.95$ $I_k'' = 2.05 \text{ kA}$ $i_p = 2.96 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($316 \text{ mOhm} < 1.43 \text{ Ohm}$, $2/3 Z_s = 953 \text{ mOhm}$)