

Zapojení	Přístroj	Poznámka	
1B1	Sít TN $I_n = 100 \text{ A}$ $U_2 = 242/420 \text{ V}$ $dU = 0.2 \%$	$I_k'' = 3.43 \text{ kA}$	
	TN-C TN-S		
1Q3	LTN-32B $I_n = 32 \text{ A}$ $Z_s(0.4s) = 1.43 \text{ Ohm}$, $I_a = 161 \text{ A}$, $R(50V/5s) = 310 \text{ mOhm}$	$I_{cn} = 10 \text{ kA}$ $I_i = 144 \text{ A}$	
1L4	1-CXKE-R 5x6 $I_z = 44 \text{ A}$ $t_m = 105^\circ \text{ C}$ 35 m, (B) $dU = 0.4 \%$ $I^2 t < k^2 S^2$	$I_k'' = 1.42 \text{ kA}$ $I_p = 2.05 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($518 \text{ mOhm} < 1.43 \text{ Ohm}$, $2/3 Z_s = 953 \text{ mOhm}$)
1B6	Sběrnice $B = 0.3$ $U = 417 \text{ V}$ ($U_n + 4.3\%$)	$I_k'' = 1.42 \text{ kA}$ $I_p = 2.05 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($518 \text{ mOhm} < 1.43 \text{ Ohm}$, $2/3 Z_s = 953 \text{ mOhm}$)
	3f L1	$I_{k1}'' = 1.27 \text{ kA}$ $I_{p1} = 1.83 \text{ kA}$	
1Q8	LTN-10B $I_n = 10 \text{ A}$ $Z_s(0.4s) = 4.62 \text{ Ohm}$, $I_a = 50 \text{ A}$, $R(50V/5s) = 1.00 \text{ Ohm}$	$I_{cn} = 10 \text{ kA}$ $I_i = 45 \text{ A}$	
1L9	1-CXKE-R 3x1.5 $I_z = 20 \text{ A}$ $t_m = 113^\circ \text{ C}$ 20 m, (C) $dU = 2.3 \%$ $I^2 t < k^2 S^2$	$I_k'' = 517 \text{ A}$ $I_{p1} = 745 \text{ A}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($1.06 \text{ Ohm} < 4.62 \text{ Ohm}$, $2/3 Z_s = 3.08 \text{ Ohm}$)
2101	Vývod $I = 10 \text{ A} \times 8 = 10 \text{ A}$ $I = 10.0 \text{ A}$ $U = 236 \text{ V}$ ($U_n + 2.0\%$) $B = 1$	$\cos \phi_i = 0.95$ $I_{k1}'' = 517 \text{ A}$ $I_{p1} = 745 \text{ A}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($1.06 \text{ Ohm} < 4.62 \text{ Ohm}$, $2/3 Z_s = 3.08 \text{ Ohm}$)
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1Q3	LTN-32B $I_n = 32 \text{ A}$ $Z_s(0.4s) = 1.43 \text{ Ohm}$, $I_a = 161 \text{ A}$, $R(50V/5s) = 310 \text{ mOhm}$	$I_{cn} = 10 \text{ kA}$ $I_i = 144 \text{ A}$	
1L4	1-CXKE-R 5x6 $I_z = 44 \text{ A}$ $t_m = 105^\circ \text{ C}$ 35 m, (B) $dU = 0.4 \%$ $I^2 t < k^2 S^2$	$I_k'' = 1.42 \text{ kA}$ $I_p = 2.05 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($518 \text{ mOhm} < 1.43 \text{ Ohm}$, $2/3 Z_s = 953 \text{ mOhm}$)
1B6	Sběrnice $B = 0.3$ $U = 417 \text{ V}$ ($U_n + 4.3\%$)	$I_k'' = 1.42 \text{ kA}$ $I_p = 2.05 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($518 \text{ mOhm} < 1.43 \text{ Ohm}$, $2/3 Z_s = 953 \text{ mOhm}$)
	3f L2	$I_{k1}'' = 1.27 \text{ kA}$ $I_{p1} = 1.83 \text{ kA}$	
2Q8	LTN-10B $I_n = 10 \text{ A}$ $Z_s(0.4s) = 4.62 \text{ Ohm}$, $I_a = 50 \text{ A}$, $R(50V/5s) = 1.00 \text{ Ohm}$	$I_{cn} = 10 \text{ kA}$ $I_i = 45 \text{ A}$	
2L9	1-CXKE-R 3x1.5 $I_z = 20 \text{ A}$ $t_m = 113^\circ \text{ C}$ 20 m, (C) $dU = 2.3 \%$ $I^2 t < k^2 S^2$	$I_k'' = 517 \text{ A}$ $I_{p1} = 745 \text{ A}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($1.06 \text{ Ohm} < 4.62 \text{ Ohm}$, $2/3 Z_s = 3.08 \text{ Ohm}$)
2102	Vývod $I = 10 \text{ A} \times 8 = 10 \text{ A}$ $I = 10.0 \text{ A}$ $U = 236 \text{ V}$ ($U_n + 2.0\%$) $B = 1$	$\cos \phi_i = 0.95$ $I_{k1}'' = 517 \text{ A}$ $I_{p1} = 745 \text{ A}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($1.06 \text{ Ohm} < 4.62 \text{ Ohm}$, $2/3 Z_s = 3.08 \text{ Ohm}$)
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	TN-C TN-S		
1Q3	LTN-32B $I_n = 32 \text{ A}$ $Z_s(0.4s) = 1.43 \text{ Ohm}$, $I_a = 161 \text{ A}$, $R(50V/5s) = 310 \text{ mOhm}$	$I_{cn} = 10 \text{ kA}$ $I_i = 144 \text{ A}$	
1L4	1-CXKE-R 5x6 $I_z = 44 \text{ A}$ $t_m = 105^\circ \text{ C}$ 35 m, (B) $dU = 0.4 \%$ $I^2 t < k^2 S^2$	$I_k'' = 1.42 \text{ kA}$ $I_p = 2.05 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ (518 mOhm < 1.43 Ohm, $2/3 Z_s = 953 \text{ mOhm}$)
1B6	Sběrnice $B = 0.3$ $U = 417 \text{ V}$ ($U_n + 4.3\%$)	$I_k'' = 1.42 \text{ kA}$ $I_p = 2.05 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ (518 mOhm < 1.43 Ohm, $2/3 Z_s = 953 \text{ mOhm}$)
	3f L3	$I_{k1}'' = 1.27 \text{ kA}$ $I_{p1} = 1.83 \text{ kA}$	
3F18	DLI-16B-1N-030AC $I_n = 16 \text{ A}$ $I_{dn} = 0.03 \text{ A}$	$I_{cn} = 10 \text{ kA}$ $I_i = 72 \text{ A}$	
3L9	$Z_s(0.4s) = 1.54 \text{ kOhm}$, $5 \times I_{dn} = 0.15 \text{ A}$, $R(50V/5s) = 1.7 \text{ kOhm}$ 1-CXKE-R 3x2.5 $I_z = 28 \text{ A}$ $t_m = 110^\circ \text{ C}$ 20 m, (C) $dU = 2.3 \%$ $I^2 t < k^2 S^2$	$I_k'' = 671 \text{ A}$ $I_{p1} = 969 \text{ A}$	O.K. $Z_{sv} < Z_s(0.4s)$ (851 mOhm < 1.54 kOhm, $2/3 Z_s = 1.03 \text{ kOhm}$)
2103	Vývod $I = 16 \text{ A} \times B = 16 \text{ A}$ $I = 16.0 \text{ A}$ $U = 236 \text{ V}$ ($U_n + 2.0\%$) $B = 1$	$\cos \phi_i = 0.95$ $I_{k1}'' = 671 \text{ A}$ $I_{p1} = 969 \text{ A}$	O.K. $Z_{sv} < Z_s(0.4s)$ (851 mOhm < 1.54 kOhm, $2/3 Z_s = 1.03 \text{ kOhm}$)
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	TN-C TN-S	
1Q3	LTN-32B $I_n = 32 \text{ A}$ $Z_s(0,4s) = 1.43 \text{ Ohm}$, $I_a = 161 \text{ A}$, $R(50V/5s) = 310 \text{ mOhm}$	$I_{cn} = 10 \text{ kA}$ $I_i = 144 \text{ A}$
1L4	1-CXKE-R 5x6 $I_z = 44 \text{ A}$ $t_m = 105^\circ \text{ C}$ 35 m, (B) $dU = 0.4 \%$ $I^2 t < k^2 S^2$	$I_k'' = 1.42 \text{ kA}$ O.K. $Z_{sv} < Z_s(0,4s)$ (518 mOhm < 1.43 Ohm, $2/3 Z_s = 953 \text{ mOhm}$) $i_p = 2.05 \text{ kA}$
1B6	Sběrnice $B = 0.3$ $U = 417 \text{ V}$ ($U_n + 4.3\%$)	$I_k'' = 1.42 \text{ kA}$ O.K. $Z_{sv} < Z_s(0,4s)$ (518 mOhm < 1.43 Ohm, $2/3 Z_s = 953 \text{ mOhm}$) $i_p = 2.05 \text{ kA}$
	3f L1	$I_{k1}'' = 1.27 \text{ kA}$ $i_{p1} = 1.83 \text{ kA}$
4F18	DLI-16B-1N-030AC $I_n = 16 \text{ A}$ $I_{dn} = 0.03 \text{ A}$	$I_{cn} = 10 \text{ kA}$ $I_i = 72 \text{ A}$
4L9	1-CXKE-R 3x2,5 $I_z = 28 \text{ A}$ $t_m = 110^\circ \text{ C}$ 20 m, (C) $dU = 2.3 \%$ $I^2 t < k^2 S^2$	$Z_s(0,4s) = 1.54 \text{ kOhm}$, $5 \times I_{dn} = 0.15 \text{ A}$, $R(50V/5s) = 1.7 \text{ kOhm}$ $I_k'' = 671 \text{ A}$ O.K. $Z_{sv} < Z_s(0,4s)$ (851 mOhm < 1.54 kOhm, $2/3 Z_s = 1.03 \text{ kOhm}$) $i_{p1} = 969 \text{ A}$
2104	Vývod $I = 16 \text{ A} \times 8 = 16 \text{ A}$ $I = 16.0 \text{ A}$ $U = 236 \text{ V}$ ($U_n + 2.0\%$) $B = 1$	$\cos \phi_i = 0.95$ $I_{k1}'' = 671 \text{ A}$ O.K. $Z_{sv} < Z_s(0,4s)$ (851 mOhm < 1.54 kOhm, $2/3 Z_s = 1.03 \text{ kOhm}$) $i_{p1} = 969 \text{ A}$

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	TN-C TN-S		
1Q3	LTN-32B $I_n = 32 \text{ A}$ $Z_s(0.4s) = 1.43 \text{ Ohm}$, $I_a = 161 \text{ A}$, $R(50V/5s) = 310 \text{ mOhm}$	$I_{cn} = 10 \text{ kA}$ $I_i = 144 \text{ A}$	
1L4	1-CXKE-R 5x6 $I_z = 44 \text{ A}$ $t_m = 105^\circ \text{ C}$ 35 m, (B) $dU = 0.4 \%$ $I^2 t < k^2 S^2$	$I_k'' = 1.42 \text{ kA}$ $i_p = 2.05 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ (518 mOhm < 1.43 Ohm, $2/3 Z_s = 953 \text{ mOhm}$)
1B6	Sběrnice $B = 0.3$ $U = 417 \text{ V}$ ($U_n + 4.3\%$)	$I_k'' = 1.42 \text{ kA}$ $i_p = 2.05 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ (518 mOhm < 1.43 Ohm, $2/3 Z_s = 953 \text{ mOhm}$)
	3f L2	$I_{k1}'' = 1.27 \text{ kA}$ $i_{p1} = 1.83 \text{ kA}$	
5F18	DLI-16B-1N-030AC $I_n = 16 \text{ A}$ $I_{dn} = 0.03 \text{ A}$	$I_{cn} = 10 \text{ kA}$ $I_i = 72 \text{ A}$	
	$Z_s(0.4s) = 1.54 \text{ kOhm}$, $5xI_{dn} = 0.15 \text{ A}$, $R(50V/5s) = 1.7 \text{ kOhm}$		
5L9	1-CXKE-R 3x2.5 $I_z = 28 \text{ A}$ $t_m = 110^\circ \text{ C}$ 20 m, (C) $dU = 2.3 \%$ $I^2 t < k^2 S^2$	$I_k'' = 671 \text{ A}$ $i_{p1} = 969 \text{ A}$	O.K. $Z_{sv} < Z_s(0.4s)$ (851 mOhm < 1.54 kOhm, $2/3 Z_s = 1.03 \text{ kOhm}$)
2105	Vývod $I = 16 \text{ A} \times 8 = 16 \text{ A}$ $I = 16.0 \text{ A}$ $U = 236 \text{ V}$ ($U_n + 2.0\%$) $B = 1$	$\cos \phi_i = 0.95$ $I_{k1}'' = 671 \text{ A}$ $i_{p1} = 969 \text{ A}$	O.K. $Z_{sv} < Z_s(0.4s)$ (851 mOhm < 1.54 kOhm, $2/3 Z_s = 1.03 \text{ kOhm}$)

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	TN-C TN-S	
1Q3	LTN-32B $I_n = 32 \text{ A}$ $Z_s(0.4s) = 1.43 \text{ Ohm}$, $I_a = 161 \text{ A}$, $R(50V/5s) = 310 \text{ mOhm}$	$I_{cn} = 10 \text{ kA}$ $I_i = 144 \text{ A}$
1L4	1-CXKE-R 5x6 $I_z = 44 \text{ A}$ $t_m = 105^\circ \text{ C}$ 35 m, (B) $dU = 0.4 \%$ $I^2 t < k^2 S^2$	$I_k'' = 1.42 \text{ kA}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($518 \text{ mOhm} < 1.43 \text{ Ohm}$, $2/3 Z_s = 953 \text{ mOhm}$) $i_p = 2.05 \text{ kA}$
1B6	Sběrnice $B = 0.3$ $U = 417 \text{ V}$ ($U_n + 4.3\%$)	$I_k'' = 1.42 \text{ kA}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($518 \text{ mOhm} < 1.43 \text{ Ohm}$, $2/3 Z_s = 953 \text{ mOhm}$) $i_p = 2.05 \text{ kA}$
	3f L3	$I_{k1}'' = 1.27 \text{ kA}$ $i_{p1} = 1.83 \text{ kA}$
6Q8	LTN-6B $I_n = 6 \text{ A}$ $Z_s(0.4s) = 7.62 \text{ Ohm}$, $I_a = 30 \text{ A}$, $R(50V/5s) = 1.65 \text{ Ohm}$	$I_{cn} = 10 \text{ kA}$ $I_i = 27 \text{ A}$
6L9	1-CXKE-R 3x1.5 $I_z = 20 \text{ A}$ $t_m = 53^\circ \text{ C}$ 30 m, (C) $dU = 0.7 \%$ $I^2 t < k^2 S^2$	$I_k'' = 398 \text{ A}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($1.39 \text{ Ohm} < 7.62 \text{ Ohm}$, $2/3 Z_s = 5.08 \text{ Ohm}$) $i_{p1} = 574 \text{ A}$
2106	Vývod $S = 500 \text{ VA}$ $x_B = 500 \text{ VA}$ $\cos \phi_i = 0.95$ $I = 2.17 \text{ A}$ $U = 239 \text{ V}$ ($U_n + 3.4\%$) $B = 1$	$I_k'' = 398 \text{ A}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($1.39 \text{ Ohm} < 7.62 \text{ Ohm}$, $2/3 Z_s = 5.08 \text{ Ohm}$) $i_{p1} = 574 \text{ A}$
	L3	