

Zapojení	Přístroj	Poznámka	
1B1	Sít TN $I_n = 100 \text{ A}$ $U_2 = 242/420 \text{ V}$ $dU = 0.5 \%$	$I_{k''} = 2.76 \text{ kA}$	
	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) $dU = 0.7 \%$ $I^2 t < k^2 S^2$	$I_{k''} = 1.27 \text{ kA}$ $I_p = 1.83 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($616 \text{ mOhm} < 1.43 \text{ Ohm}$, $2/3 Z_s = 953 \text{ mOhm}$)
1B6	Sběrnice $B = 0.3$ $U = 415 \text{ V}$ ($U_n + 3.9\%$)	$I_{k''} = 1.27 \text{ kA}$ $I_p = 1.83 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($616 \text{ mOhm} < 1.43 \text{ Ohm}$, $2/3 Z_s = 953 \text{ mOhm}$)
	3f L1	$I_{k1''} = 1.15 \text{ kA}$ $I_{p1} = 1.65 \text{ kA}$	
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) $dU = 2.3 \%$ $I^2 t < k^2 S^2$	$I_{k1''} = 494 \text{ A}$ $I_{p1} = 712 \text{ A}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($1.16 \text{ Ohm} < 4.62 \text{ Ohm}$, $2/3 Z_s = 3.08 \text{ Ohm}$)
3101	Vývod $I = 10 \text{ A} \times 8 = 10 \text{ A}$ $I = 10.0 \text{ A}$ $U = 234 \text{ V}$ ($U_n + 1.5\%$) $B = 1$	$\cos \phi_i = 0.95$ $I_{k1''} = 494 \text{ A}$ $I_{p1} = 712 \text{ A}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($1.16 \text{ Ohm} < 4.62 \text{ Ohm}$, $2/3 Z_s = 3.08 \text{ Ohm}$)
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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) $dU = 0.7 \%$ $I^2 t < k^2 S^2$	$I_{k''} = 1.27 \text{ kA}$ $i_p = 1.83 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($616 \text{ mOhm} < 1.43 \text{ Ohm}$, $2/3 Z_s = 953 \text{ mOhm}$)
1B6	Sběrnice $B = 0.3$ $U = 415 \text{ V}$ ($U_n + 3.9\%$)	$I_{k''} = 1.27 \text{ kA}$ $i_p = 1.83 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($616 \text{ mOhm} < 1.43 \text{ Ohm}$, $2/3 Z_s = 953 \text{ mOhm}$)
	3f L2	$I_{k1''} = 1.15 \text{ kA}$ $i_{p1} = 1.65 \text{ kA}$	
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) $dU = 2.3 \%$ $I^2 t < k^2 S^2$	$I_{k1''} = 494 \text{ A}$ $i_{p1} = 712 \text{ A}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($1.16 \text{ Ohm} < 4.62 \text{ Ohm}$, $2/3 Z_s = 3.08 \text{ Ohm}$)
3102	Vývod $I = 10 \text{ A} \times 8 = 10 \text{ A}$ $I = 10.0 \text{ A}$ $U = 234 \text{ V}$ ($U_n + 1.5\%$) $B = 1$	$\cos \phi_i = 0.95$ $I_{k1''} = 494 \text{ A}$ $i_{p1} = 712 \text{ A}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($1.16 \text{ Ohm} < 4.62 \text{ Ohm}$, $2/3 Z_s = 3.08 \text{ Ohm}$)
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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) $dU = 0.7 \%$ $I^2 t < k^2 S^2$	$I_k'' = 1.27 \text{ kA}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($616 \text{ mOhm} < 1.43 \text{ Ohm}$, $2/3 Z_s = 953 \text{ mOhm}$) $i_p = 1.83 \text{ kA}$
1B6	Sběrnice $B = 0.3$ $U = 415 \text{ V}$ ($U_n + 3.9\%$)	$I_k'' = 1.27 \text{ kA}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($616 \text{ mOhm} < 1.43 \text{ Ohm}$, $2/3 Z_s = 953 \text{ mOhm}$) $i_p = 1.83 \text{ kA}$
	3f L3	$I_{k1}'' = 1.15 \text{ kA}$ $i_{p1} = 1.65 \text{ kA}$
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) $dU = 2.3 \%$ $I^2 t < k^2 S^2$	$I_k'' = 634 \text{ A}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($950 \text{ mOhm} < 1.54 \text{ kOhm}$, $2/3 Z_s = 1.03 \text{ kOhm}$) $i_{p1} = 914 \text{ A}$
3103	Vývod $I = 16 \text{ A} \times 8 = 16 \text{ A}$ $I = 16.0 \text{ A}$ $U = 234 \text{ V}$ ($U_n + 1.5\%$) $B = 1$	$\cos \phi_i = 0.95$ $I_{k1}'' = 634 \text{ A}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($950 \text{ mOhm} < 1.54 \text{ kOhm}$, $2/3 Z_s = 1.03 \text{ kOhm}$) $i_{p1} = 914 \text{ A}$

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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) $dU = 0.7 \%$ $I^2 t < k^2 S^2$	$I_k'' = 1.27 \text{ kA}$ $I_p = 1.83 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($616 \text{ mOhm} < 1.43 \text{ Ohm}$, $2/3 Z_s = 953 \text{ mOhm}$)
1B6	Sběrnice $B = 0.3$ $U = 415 \text{ V}$ ($U_n + 3.9\%$)	$I_k'' = 1.27 \text{ kA}$ $I_p = 1.83 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($616 \text{ mOhm} < 1.43 \text{ Ohm}$, $2/3 Z_s = 953 \text{ mOhm}$)
	3f L1	$I_{k1}'' = 1.15 \text{ kA}$ $I_{p1} = 1.65 \text{ kA}$	
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	$Z_s(0.4s) = 1.54 \text{ kOhm}$, $5 \times I_{dn} = 0.15 \text{ A}$, $R(50V/5s) = 1.7 \text{ kOhm}$ 1-CXKE-R 3x2.5 $I_z = 28 \text{ A}$ $t_m = 110^\circ \text{ C}$ 20 m, (C) $dU = 2.3 \%$ $I^2 t < k^2 S^2$	$I_k'' = 634 \text{ A}$ $I_p = 914 \text{ A}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($950 \text{ mOhm} < 1.54 \text{ kOhm}$, $2/3 Z_s = 1.03 \text{ kOhm}$)
3104	Vývod $I = 16 \text{ A} \times 8 = 16 \text{ A}$ $I = 16.0 \text{ A}$ $U = 234 \text{ V}$ ($U_n + 1.5\%$) $B = 1$	$\cos \phi_i = 0.95$ $I_{k1}'' = 634 \text{ A}$ $I_p = 914 \text{ A}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($950 \text{ mOhm} < 1.54 \text{ kOhm}$, $2/3 Z_s = 1.03 \text{ kOhm}$)

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	TN-C TN-S		
1Q3	<u>LTN-32B</u> $I_n = 32 \text{ A}$ $Z_s(0.4s) = 1.43 \text{ Ohm}$, $I_a = 161 \text{ A}$, $R(50V/5s) = 310 \text{ mOhm}$	$I_{cn} = 10 \text{ kA}$ $I_i = 144 \text{ A}$	
1L4	<u>1-CXKE-R 5x6</u> $I_z = 44 \text{ A}$ $t_m = 105^\circ \text{ C}$ 35 m, (B) $dU = 0.7 \%$ $I^2 t < k^2 S^2$	$I_k'' = 1.27 \text{ kA}$ $I_p = 1.83 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($616 \text{ mOhm} < 1.43 \text{ Ohm}$, $2/3 Z_s = 953 \text{ mOhm}$)
1B6	<u>Sběrnice</u> $B = 0.3$ $U = 415 \text{ V}$ ($U_n + 3.9\%$)	$I_k'' = 1.27 \text{ kA}$ $I_p = 1.83 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($616 \text{ mOhm} < 1.43 \text{ Ohm}$, $2/3 Z_s = 953 \text{ mOhm}$)
	3f L2	$I_{k1}'' = 1.15 \text{ kA}$ $I_{p1} = 1.65 \text{ kA}$	
5FI8	<u>DLI-16B-1N-030AC</u> $I_n = 16 \text{ A}$ $I_{dn} = 0.03 \text{ A}$	$I_{cn} = 10 \text{ kA}$ $I_i = 72 \text{ A}$	
5L9	<u>1-CXKE-R 3x2.5</u> $I_z = 28 \text{ A}$ $t_m = 110^\circ \text{ C}$ 20 m, (C) $dU = 2.3 \%$ $I^2 t < k^2 S^2$	$I_k'' = 634 \text{ A}$ $I_{p1} = 914 \text{ A}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($950 \text{ mOhm} < 1.54 \text{ kOhm}$, $2/3 Z_s = 1.03 \text{ kOhm}$)
3105	<u>Vývod</u> $I = 16 \text{ A} \times 8 = 16 \text{ A}$ $I = 16.0 \text{ A}$ $U = 234 \text{ V}$ ($U_n + 1.5\%$) $B = 1$	$\cos \phi_i = 0.95$ $I_{k1}'' = 634 \text{ A}$ $I_{p1} = 914 \text{ A}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($950 \text{ mOhm} < 1.54 \text{ kOhm}$, $2/3 Z_s = 1.03 \text{ kOhm}$)

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1L4	1-CXKE-R 5x6 $I_z = 44 \text{ A}$ $t_m = 105^\circ \text{ C}$ 35 m, (B) $dU = 0.7 \%$ $I^2 t < k^2 S^2$	$I_k'' = 1.27 \text{ kA}$ O.K. $Z_{sv} < Z_s(0,4s)$ ($616 \text{ mOhm} < 1.43 \text{ Ohm}$, $2/3 Z_s = 953 \text{ mOhm}$) $i_p = 1.83 \text{ kA}$
1B6	Sběrnice $B = 0.3$ $U = 415 \text{ V}$ ($U_n + 3.9\%$)	$I_k'' = 1.27 \text{ kA}$ O.K. $Z_{sv} < Z_s(0,4s)$ ($616 \text{ mOhm} < 1.43 \text{ Ohm}$, $2/3 Z_s = 953 \text{ mOhm}$) $i_p = 1.83 \text{ kA}$
	3f L3	$I_{k1}'' = 1.15 \text{ kA}$ $i_{p1} = 1.65 \text{ kA}$
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) $dU = 0.7 \%$ $I^2 t < k^2 S^2$	$I_k'' = 384 \text{ A}$ O.K. $Z_{sv} < Z_s(0,4s)$ ($1.49 \text{ Ohm} < 7.62 \text{ Ohm}$, $2/3 Z_s = 5.08 \text{ Ohm}$) $i_{p1} = 554 \text{ A}$
3106	Vývod $S = 500 \text{ VA}$ $x_B = 500 \text{ VA}$ $\cos \phi_i = 0.95$ $I = 2.17 \text{ A}$ $U = 238 \text{ V}$ ($U_n + 2.9\%$) $B = 1$	$I_{k1}'' = 384 \text{ A}$ O.K. $Z_{sv} < Z_s(0,4s)$ ($1.49 \text{ Ohm} < 7.62 \text{ Ohm}$, $2/3 Z_s = 5.08 \text{ Ohm}$) $i_{p1} = 554 \text{ A}$
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1L4	1-CXKE-R 5x6 $I_z = 44 \text{ A}$ $t_m = 105^\circ \text{ C}$ 35 m, (B) $dU = 0.7 \%$ $I^2 t < k^2 S^2$	$I_k'' = 1.27 \text{ kA}$ $i_p = 1.83 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($616 \text{ mOhm} < 1.43 \text{ Ohm}$, $2/3 Z_s = 953 \text{ mOhm}$)
1B6	Sběrnice $B = 0.3$ $U = 415 \text{ V}$ ($U_n + 3.9\%$)	$I_k'' = 1.27 \text{ kA}$ $i_p = 1.83 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($616 \text{ mOhm} < 1.43 \text{ Ohm}$, $2/3 Z_s = 953 \text{ mOhm}$)
7Q8	LTN-16C $I_n = 16 \text{ A}$ $Z_s(0.4s) = 1.46 \text{ Ohm}$, $I_a = 158 \text{ A}$, $R(50V/5s) = 510 \text{ mOhm}$	$I_{cn} = 10 \text{ kA}$ $I_i = 140 \text{ A}$	
7L9	1-CXKE-R 5x2.5 $I_z = 30 \text{ A}$ $t_m = 104^\circ \text{ C}$ 20 m, (C) $dU = 1.1 \%$ $I^2 t < k^2 S^2$	$I_k'' = 717 \text{ A}$ $i_p = 1.03 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($976 \text{ mOhm} < 1.46 \text{ Ohm}$, $2/3 Z_s = 974 \text{ mOhm}$)
3107	Vývod $I = 16 \text{ A} \times 8 = 16 \text{ A}$ $I = 16.0 \text{ A}$ $U = 411 \text{ V}$ ($U_n + 2.7\%$) $B = 1$	$\cos \phi_i = 0.95$ $I_k'' = 717 \text{ A}$ $i_p = 1.03 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($976 \text{ mOhm} < 1.46 \text{ Ohm}$, $2/3 Z_s = 974 \text{ mOhm}$)