

Zapojení	Přístroj	Poznámka
1B1	Sít TN $I_n = 40 \text{ A}$ $U_2 = 242/420 \text{ V}$ $dU = 0.6 \%$	$I_{k''} = 1.86 \text{ kA}$
	TN-C TN-S	
1Q4	LTN-40B $I_n = 40 \text{ A}$ $Z_s(0.4s) = 1.15 \text{ Ohm}$, $I_a = 201 \text{ A}$, $R(50V/5s) = 249 \text{ mOhm}$	$I_{cn} = 10 \text{ kA}$ $I_i = 180 \text{ A}$
1B6	Sběrnice $B = 0.3$ $U = 418 \text{ V}$ ($U_n + 4.4\%$)	$I_{k''} = 1.86 \text{ kA}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($541 \text{ mOhm} < 1.15 \text{ Ohm}$) $i_p = 2.69 \text{ kA}$
	3f L1	$I_{k1''} = 1.86 \text{ kA}$ $i_{p1} = 2.69 \text{ kA}$
1Q8	LTN-10B $I_n = 10 \text{ A}$	$I_{cn} = 10 \text{ kA}$ $I_i = 45 \text{ A}$
	$Z_s(0.4s) = 4.62 \text{ Ohm}$, $I_a = 50 \text{ A}$, $R(50V/5s) = 1.00 \text{ Ohm}$	
1L9	1-CXKE-R 3x1.5 $I_z = 21 \text{ A}$ $t_m = 103^\circ \text{ C}$ 40 m, (E) $dU = 4.5 \%$ $I^2 t < k^2 S^2$	$I_{k1''} = 354 \text{ A}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($1.61 \text{ Ohm} < 4.62 \text{ Ohm}$) $i_{p1} = 510 \text{ A}$
3206	Vývod $I = 10 \text{ A} \times 8 = 10 \text{ A}$ $I = 10.0 \text{ A}$ $U = 231 \text{ V}$ ($U_n - 0.2\%$) $B = 1$	$\cos \phi_i = 0.95$ $I_{k1''} = 354 \text{ A}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($1.61 \text{ Ohm} < 4.62 \text{ Ohm}$) $i_{p1} = 510 \text{ A}$
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1B6	Sběrnice $B = 0.3$ $U = 418 \text{ V}$ ($U_n + 4.4\%$)	$I_k'' = 1.86 \text{ kA}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($541 \text{ mOhm} < 1.15 \text{ Ohm}$) $i_p = 2.69 \text{ kA}$
	3f L2	$I_{k1}'' = 1.86 \text{ kA}$ $i_{p1} = 2.69 \text{ kA}$
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 $I_z = 21 \text{ A}$ $t_m = 103^\circ \text{ C}$ 40 m, (E) $dU = 4.5 \%$ $I^2 t < k^2 S^2$	$I_{k1}'' = 354 \text{ A}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($1.61 \text{ Ohm} < 4.62 \text{ Ohm}$) $i_{p1} = 510 \text{ A}$
3207	Vývod $I = 10 \text{ A} \times 8 = 10 \text{ A}$ $I = 10.0 \text{ A}$ $U = 231 \text{ V}$ ($U_n - 0.2\%$) $B = 1$	$\cos \phi_i = 0.95$ $I_{k1}'' = 354 \text{ A}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($1.61 \text{ Ohm} < 4.62 \text{ Ohm}$) $i_{p1} = 510 \text{ A}$

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1Q4	LTN-40B $I_n = 40 \text{ A}$ $Z_s(0,4s) = 1.15 \text{ Ohm}$, $I_a = 201 \text{ A}$, $R(50V/5s) = 249 \text{ mOhm}$	$I_{cn} = 10 \text{ kA}$ $I_i = 180 \text{ A}$
1B6	Sběrnice $B = 0.3$ $U = 418 \text{ V}$ ($U_n + 4.4\%$)	$I_{k''} = 1.86 \text{ kA}$ O.K. $Z_{sv} < Z_s(0,4s)$ ($541 \text{ mOhm} < 1.15 \text{ Ohm}$) $i_p = 2.69 \text{ kA}$
	3f L3	$I_{k1''} = 1.86 \text{ kA}$ $i_{p1} = 2.69 \text{ kA}$
3Q8	LTN-16B $I_n = 16 \text{ A}$ $Z_s(0,4s) = 2.87 \text{ Ohm}$, $I_a = 81 \text{ A}$, $R(50V/5s) = 621 \text{ mOhm}$	$I_{cn} = 10 \text{ kA}$ $I_i = 72 \text{ A}$
3L9	1-CXKE-R 3x2,5 $I_z = 30 \text{ A}$ $t_m = 97^\circ \text{ C}$ 15 m, (E) $dU = 1.1 \%$ $I^2 t < k^2 S^2$	$I_{k1''} = 953 \text{ A}$ O.K. $Z_{sv} < Z_s(0,4s)$ ($791 \text{ mOhm} < 2.87 \text{ Ohm}$) $i_{p1} = 1.37 \text{ kA}$
3222	Vývod $P = 2.4 \text{ kW}$ $x_B = 2.4 \text{ kW}$ $\cos \phi_i = 0.95$ $I = 10.9 \text{ A}$ $U = 238 \text{ V}$ ($U_n + 3.3\%$) $B = 1$	$I_{k1''} = 953 \text{ A}$ O.K. $Z_{sv} < Z_s(0,4s)$ ($791 \text{ mOhm} < 2.87 \text{ Ohm}$) $i_{p1} = 1.37 \text{ kA}$
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	TN-C TN-S	
1Q4	LTN-40B $I_n = 40 \text{ A}$ $Z_s(0,4s) = 1.15 \text{ Ohm}$, $I_a = 201 \text{ A}$, $R(50V/5s) = 249 \text{ mOhm}$	$I_{cn} = 10 \text{ kA}$ $I_i = 180 \text{ A}$
1B6	Sběrnice $B = 0.3$ $U = 418 \text{ V}$ ($U_n + 4.4\%$)	$I_{k''} = 1.86 \text{ kA}$ O.K. $Z_{sv} < Z_s(0,4s)$ ($541 \text{ mOhm} < 1.15 \text{ Ohm}$) $i_p = 2.69 \text{ kA}$
	3f L1	$I_{k1''} = 1.86 \text{ kA}$ $i_{p1} = 2.69 \text{ kA}$
4Q8	LTN-6B $I_n = 6 \text{ A}$	$I_{cn} = 10 \text{ kA}$ $I_i = 27 \text{ A}$
	$Z_s(0,4s) = 7.62 \text{ Ohm}$, $I_a = 30 \text{ A}$, $R(50V/5s) = 1.65 \text{ Ohm}$	
4L9	1-CXKE-R 3x1,5 $I_z = 21 \text{ A}$ $t_m = 50^\circ \text{ C}$ 15 m, (E) $dU = 0.1 \%$ $I^2 t < k^2 S^2$	$I_{k1''} = 724 \text{ A}$ O.K. $Z_{sv} < Z_s(0,4s)$ ($977 \text{ mOhm} < 7.62 \text{ Ohm}$) $i_{p1} = 1.04 \text{ kA}$
3223	Vývod $P = 100 \text{ W}$ $x_B = 100 \text{ W}$ $\cos \phi_i = 0.95$ $I = 456 \text{ mA}$ $U = 241 \text{ V}$ ($U_n + 4.3\%$) $B = 1$	$I_{k1''} = 724 \text{ A}$ O.K. $Z_{sv} < Z_s(0,4s)$ ($977 \text{ mOhm} < 7.62 \text{ Ohm}$) $i_{p1} = 1.04 \text{ kA}$
	L1	

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1B1	Sít TN $I_n = 40 \text{ A}$ $U_2 = 242/420 \text{ V}$ $dU = 0.6 \%$	$I_{k1}'' = 1.86 \text{ kA}$
	TN-C TN-S	
1Q4	LTN-40B $I_n = 40 \text{ A}$ $Z_s(0.4s) = 1.15 \text{ Ohm}$, $I_a = 201 \text{ A}$, $R(50V/5s) = 249 \text{ mOhm}$	$I_{cn} = 10 \text{ kA}$ $I_i = 180 \text{ A}$
1B6	Sběrnice $B = 0.3$ $U = 418 \text{ V}$ ($U_n + 4.4\%$)	$I_{k1}'' = 1.86 \text{ kA}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($541 \text{ mOhm} < 1.15 \text{ Ohm}$) $i_p = 2.69 \text{ kA}$
	3f L2	$I_{k1}'' = 1.86 \text{ kA}$ $i_{p1} = 2.69 \text{ kA}$
5Q8	LTN-16B $I_n = 16 \text{ A}$ $Z_s(0.4s) = 2.87 \text{ Ohm}$, $I_a = 81 \text{ A}$, $R(50V/5s) = 621 \text{ mOhm}$	$I_{cn} = 10 \text{ kA}$ $I_i = 72 \text{ A}$
5L9	1-CXKE-R 3x2.5 $I_z = 30 \text{ A}$ $t_m = 97^\circ \text{ C}$ 25 m, (E) $dU = 2.8 \%$ $I^2 t < k^2 S^2$	$I_{k1}'' = 714 \text{ A}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($954 \text{ mOhm} < 2.87 \text{ Ohm}$) $i_{p1} = 1.03 \text{ kA}$
3227	Vývod $P = 3.5 \text{ kW}$ $x_B = 3.5 \text{ kW}$ $\cos \phi_i = 0.95$ $I = 16.0 \text{ A}$ $U = 235 \text{ V}$ ($U_n + 1.6\%$) $B = 1$	$I_{k1}'' = 714 \text{ A}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($954 \text{ mOhm} < 2.87 \text{ Ohm}$) $i_{p1} = 1.03 \text{ kA}$
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1B1	Sít TN U2 = 242/420 V dU = 0.6 % TN-C TN-S	In = 40 A Ik''= 1.86 kA			
1Q4	LTN-40B Zs(0,4s) = 1.15 Ohm, Ia = 201 A, R(50V/5s) = 249 mOhm	In = 40 A Icn = 10 kA Ii = 180 A			
1B6	Sběrnice U = 418 V (Un + 4.4%)	B = 0.3 Ik''= 1.86 kA ip = 2.69 kA	O.K. Zsv < Zs(0,4s) (541 mOhm < 1.15 Ohm)		
6Q8	LTN-32B Zs(0,4s) = 1.43 Ohm, Ia = 161 A, R(50V/5s) = 310 mOhm	In = 32 A Icn = 10 kA Ii = 144 A			
6L9	1-CXKE-R 5x6 60 m, (E) dU = 2.0 % I²t < k²S²	Iz = 44 A tm = 105 °C Ik''= 786 A ip = 1.13 kA	O.K. Zsv < Zs(0,4s) (972 mOhm < 1.43 Ohm)		
6B10	Sběrnice U = 410 V (Un + 2.4%)	B = 0.5 Ik''= 786 A ip = 1.13 kA	O.K. Zsv < Zs(0,4s) (972 mOhm < 1.43 Ohm)		
	3f L1	Ik1''= 708 A ip1 = 1.02 kA			
6FI12	OLI-16B-1N-030AC Zs(0,4s) = 1.54 kOhm, 5xIdn = 0,15A, R(50V/5s)=1,7kOhm	In = 16 A Idn = 0.03 A Icn = 10 kA Ii = 72 A			
6L13	1-CXKE-R 3x2,5 30 m, (E) dU = 3.4 % I²t < k²S²	Iz = 30 A tm = 97 °C Ik1''= 405 A ip1 = 584 A	O.K. Zsv < Zs(0,4s) (1.46 Ohm < 1.54 kOhm)		
3238	Vývod I = 16.0 A U = 229 V (Un - 1.0%) B = 1	I = 16 A x8 = 16 A cos fi = 0.95 Ik1''= 405 A ip1 = 584 A	O.K. Zsv < Zs(0,4s) (1.46 Ohm < 1.54 kOhm)		

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1Q4	LTN-40B Zs(0,4s) = 1.15 Ohm, Ia = 201 A, R(50V/5s) = 249 mOhm	In = 40 A Icn = 10 kA Ii = 180 A			
1B6	Sběrnice U = 418 V (Un + 4.4%)	B = 0.3 Ik''= 1.86 kA ip = 2.69 kA	O.K. Zsv < Zs(0,4s) (541 mOhm < 1.15 Ohm)		
6Q8	LTN-32B Zs(0,4s) = 1.43 Ohm, Ia = 161 A, R(50V/5s) = 310 mOhm	In = 32 A Icn = 10 kA Ii = 144 A			
6L9	1-CXKE-R 5x6 60 m, (E) dU = 2.0 % I²t < k²S²	Iz = 44 A tm = 105 °C Ik''= 786 A ip = 1.13 kA	O.K. Zsv < Zs(0,4s) (972 mOhm < 1.43 Ohm)		
6B10	Sběrnice U = 410 V (Un + 2.4%)	B = 0.5 Ik''= 786 A ip = 1.13 kA	O.K. Zsv < Zs(0,4s) (972 mOhm < 1.43 Ohm)		
	3f L2	Ik1''= 708 A ip1 = 1.02 kA			
7FI12	OLI-16B-1N-030AC Zs(0,4s) = 1.54 kOhm, 5xIdn = 0.15A, R(50V/5s)=1,7kOhm	In = 16 A Idn = 0.03 A Icn = 10 kA Ii = 72 A			
7L13	1-CXKE-R 3x2,5 30 m, (E) dU = 3.4 % I²t < k²S²	Iz = 30 A tm = 97 °C Ik1''= 405 A ip1 = 584 A	O.K. Zsv < Zs(0,4s) (1.46 Ohm < 1.54 kOhm)		
3239	Vývod I = 16.0 A U = 229 V (Un - 1.0%) B = 1	I = 16 A xB = 16 A cos fi = 0.95 Ik1''= 405 A ip1 = 584 A	O.K. Zsv < Zs(0,4s) (1.46 Ohm < 1.54 kOhm)		

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	TN-C TN-S		
1Q4	LTN-40B $I_n = 40 \text{ A}$ $Z_s(0.4s) = 1.15 \text{ Ohm}$, $I_a = 201 \text{ A}$, $R(50V/5s) = 249 \text{ mOhm}$	$I_{cn} = 10 \text{ kA}$ $I_i = 180 \text{ A}$	
1B6	Sběrnice $B = 0.3$ $U = 418 \text{ V}$ ($U_n + 4.4\%$)	$I_{k''} = 1.86 \text{ kA}$ $i_p = 2.69 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($541 \text{ mOhm} < 1.15 \text{ Ohm}$)
6Q8	LTN-32B $I_n = 32 \text{ A}$ $Z_s(0.4s) = 1.43 \text{ Ohm}$, $I_a = 161 \text{ A}$, $R(50V/5s) = 310 \text{ mOhm}$	$I_{cn} = 10 \text{ kA}$ $I_i = 144 \text{ A}$	
6L9	1-CXKE-R 5x6 $I_z = 44 \text{ A}$ $t_m = 105^\circ \text{ C}$ 60 m, (E) $dU = 2.0 \%$ $I^2 t < k^2 S^2$	$I_{k''} = 786 \text{ A}$ $i_p = 1.13 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($972 \text{ mOhm} < 1.43 \text{ Ohm}$)
6B10	Sběrnice $B = 0.5$ $U = 410 \text{ V}$ ($U_n + 2.4\%$)	$I_{k''} = 786 \text{ A}$ $i_p = 1.13 \text{ kA}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($972 \text{ mOhm} < 1.43 \text{ Ohm}$)
	3f L3	$I_{k1''} = 708 \text{ A}$ $i_{p1} = 1.02 \text{ kA}$	
8FI12	OLI-16B-1N-030AC $I_n = 16 \text{ A}$ $I_{dn} = 0.03 \text{ A}$ $Z_s(0.4s) = 1.54 \text{ kOhm}$, $5 \times I_{dn} = 0.15 \text{ A}$, $R(50V/5s) = 1.7 \text{ kOhm}$	$I_{cn} = 10 \text{ kA}$ $I_i = 72 \text{ A}$	
8L13	1-CXKE-R 3x2.5 $I_z = 30 \text{ A}$ $t_m = 97^\circ \text{ C}$ 30 m, (E) $dU = 3.4 \%$ $I^2 t < k^2 S^2$	$I_{k1''} = 405 \text{ A}$ $i_{p1} = 584 \text{ A}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($1.46 \text{ Ohm} < 1.54 \text{ kOhm}$)
3240	Vývod $I = 16 \text{ A} \times 8 = 16 \text{ A}$ $I = 16.0 \text{ A}$ $U = 229 \text{ V}$ ($U_n - 1.0\%$) $B = 1$	$\cos \phi_i = 0.95$ $I_{k1''} = 405 \text{ A}$ $i_{p1} = 584 \text{ A}$	O.K. $Z_{sv} < Z_s(0.4s)$ ($1.46 \text{ Ohm} < 1.54 \text{ kOhm}$)

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1B6	Sběrnice	$B = 0.3$ $U = 418 \text{ V}$ ($U_n + 4.4\%$)	$I_{k''} = 1.86 \text{ kA}$ $i_p = 2.69 \text{ kA}$	O.K. $Z_{sv} < Z_s(0,4s)$ ($541 \text{ mOhm} < 1.15 \text{ Ohm}$)	
6Q8	LTN-32B	$I_n = 32 \text{ A}$ $Z_s(0,4s) = 1.43 \text{ Ohm}$, $I_a = 161 \text{ A}$, $R(50V/5s) = 310 \text{ mOhm}$	$I_{cn} = 10 \text{ kA}$	$I_i = 144 \text{ A}$	
6L9	1-CXKE-R 5x6 60 m, (E)	$I_z = 44 \text{ A}$ $t_m = 105^\circ \text{ C}$ $dU = 2.0 \%$ $I^2 t < k^2 S^2$	$I_{k''} = 786 \text{ A}$ $i_p = 1.13 \text{ kA}$	O.K. $Z_{sv} < Z_s(0,4s)$ ($972 \text{ mOhm} < 1.43 \text{ Ohm}$)	
6B10	Sběrnice	$B = 0.5$ $U = 410 \text{ V}$ ($U_n + 2.4\%$)	$I_{k''} = 786 \text{ A}$ $i_p = 1.13 \text{ kA}$	O.K. $Z_{sv} < Z_s(0,4s)$ ($972 \text{ mOhm} < 1.43 \text{ Ohm}$)	
	3f L1		$I_{k1''} = 708 \text{ A}$ $i_{p1} = 1.02 \text{ kA}$		
9F112	OLI-16B-1N-030AC	$I_n = 16 \text{ A}$ $I_{dn} = 0.03 \text{ A}$ $Z_s(0,4s) = 1.54 \text{ kOhm}$, $5xI_{dn} = 0.15 \text{ A}$, $R(50V/5s) = 1.7 \text{ kOhm}$	$I_{cn} = 10 \text{ kA}$	$I_i = 72 \text{ A}$	
9L13	1-CXKE-R 3x2.5 30 m, (E)	$I_z = 30 \text{ A}$ $t_m = 97^\circ \text{ C}$ $dU = 3.4 \%$ $I^2 t < k^2 S^2$	$I_{k1''} = 405 \text{ A}$ $i_{p1} = 584 \text{ A}$	O.K. $Z_{sv} < Z_s(0,4s)$ ($1.46 \text{ Ohm} < 1.54 \text{ kOhm}$)	
3241	Vývod L1	$I = 16 \text{ A} \times 8 = 16 \text{ A}$ $I = 16.0 \text{ A}$ $U = 229 \text{ V}$ ($U_n - 1.0\%$) $B = 1$	$\cos \phi_i = 0.95$ $I_{k1''} = 405 \text{ A}$ $i_{p1} = 584 \text{ A}$	O.K. $Z_{sv} < Z_s(0,4s)$ ($1.46 \text{ Ohm} < 1.54 \text{ kOhm}$)	