

Zapojení	Přístroj	Poznámka
1B1	Sít TN $I_n = 100 \text{ A}$ $U_2 = 242/420 \text{ V}$ $dU = 0.2 \%$	$I_k'' = 6.96 \text{ kA}$
	TN-C TN-S	
1B6	Sběrnice $B = 0.3$ $U = 419 \text{ V}$ ( $U_n + 4.8\%$ )	$I_k'' = 6.96 \text{ kA}$ $i_p = 11.7 \text{ kA}$
	3f L1	$I_{k1}'' = 6.96 \text{ kA}$ $i_{p1} = 11.7 \text{ kA}$
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 $I_z = 21 \text{ A}$ $t_m = 103^\circ \text{ C}$ 20 m, (E) $dU = 2.3 \%$ $I^2 t < k^2 S^2$	$I_k'' = 802 \text{ A}$ O.K. $Z_{sv} < Z_s(0.4s)$ ( $627 \text{ mOhm} < 4.62 \text{ Ohm}$ , $2/3 Z_s = 3.08 \text{ Ohm}$ ) $i_{p1} = 1.16 \text{ kA}$
0228	Vývod $I = 10 \text{ A} \times B = 10 \text{ A}$ $I = 10.0 \text{ A}$ $U = 237 \text{ V}$ ( $U_n + 2.5\%$ ) $B = 1$	$\cos \phi_i = 0.95$ $I_k'' = 802 \text{ A}$ O.K. $Z_{sv} < Z_s(0.4s)$ ( $627 \text{ mOhm} < 4.62 \text{ Ohm}$ , $2/3 Z_s = 3.08 \text{ Ohm}$ ) $i_{p1} = 1.16 \text{ kA}$
	L1	

Zapojení	Přístroj	Poznámka
1B1	Sít TN $I_n = 100 \text{ A}$ $U_2 = 242/420 \text{ V}$ $dU = 0.2 \%$	$I_k'' = 6.96 \text{ kA}$
	TN-C TN-S	
1B6	Sběrnice $B = 0.3$ $U = 419 \text{ V} (U_n + 4.8\%)$	$I_k'' = 6.96 \text{ kA}$ $i_p = 11.7 \text{ kA}$
	3f L2	$I_{k1}'' = 6.96 \text{ kA}$ $i_{p1} = 11.7 \text{ kA}$
2F18	DLI-10B-1N-030AC $I_n = 10 \text{ A}$ $I_{dn} = 0.03 \text{ A}$ $I_{cn} = 10 \text{ kA}$ $I_i = 45 \text{ A}$	
	$Z_s(0.4s) = 1.54 \text{ k}\Omega$ , $5 \times I_{dn} = 0.15 \text{ A}$ , $R(50V/5s) = 1.7 \text{ k}\Omega$	
2L9	1-CXKE-R 3x1.5 $I_z = 21 \text{ A}$ $t_m = 103^\circ \text{ C}$ $I_k1'' = 241 \text{ A}$ $0. \text{K. } Z_{sv} < Z_s(0.4s) (1.96 \text{ }\Omega < 1.54 \text{ k}\Omega, 2/3 Z_s = 1.03 \text{ k}\Omega)$	
	70 m, (E) $dU = 7.9 \%$ $I^2 t < k^2 S^2$ $i_{p1} = 347 \text{ A}$	
0230	Vývod $I = 10 \text{ A} \times 8 = 10 \text{ A}$ $\cos \phi_i = 0.95$ $I_k1'' = 241 \text{ A}$ $0. \text{K. } Z_{sv} < Z_s(0.4s) (1.96 \text{ }\Omega < 1.54 \text{ k}\Omega, 2/3 Z_s = 1.03 \text{ k}\Omega)$	
	$I = 10.0 \text{ A}$ $U = 224 \text{ V} (U_n - 3.1\%)$ $B = 1$ $i_{p1} = 347 \text{ A}$	
	L2	

Zapojení	Přístroj	Poznámka
1B1	Sít TN $I_n = 100 \text{ A}$ $U_2 = 242/420 \text{ V}$ $dU = 0.2 \%$	$I_k'' = 6.96 \text{ kA}$
	TN-C TN-S	
1B6	Sběrnice $B = 0.3$ $U = 419 \text{ V}$ ( $U_n + 4.8\%$ )	$I_k'' = 6.96 \text{ kA}$ $i_p = 11.7 \text{ kA}$
	3f L3	$I_{k1}'' = 6.96 \text{ kA}$ $i_{p1} = 11.7 \text{ kA}$
3Q8	LTN-6B $I_n = 6 \text{ A}$	$I_{cn} = 10 \text{ kA}$ $I_i = 27 \text{ A}$
	$Z_s(0.4s) = 7.62 \text{ Ohm}$ , $I_a = 30 \text{ A}$ , $R(50V/5s) = 1.65 \text{ Ohm}$	
3L9	1-CXKE-R 3x1.5 $I_z = 21 \text{ A}$ $t_m = 50^\circ \text{ C}$ 15 m, (E) $dU = 0.1 \%$ $I^2 t < k^2 S^2$	$I_{k1}'' = 1.05 \text{ kA}$ O.K. $Z_{sv} < Z_s(0.4s)$ ( $524 \text{ mOhm} < 7.62 \text{ Ohm}$ , $2/3 Z_s = 5.08 \text{ Ohm}$ ) $i_{p1} = 1.51 \text{ kA}$
0247	Vývod $P = 100 \text{ W}$ $x_B = 100 \text{ W}$ $\cos \phi_i = 0.95$ $I = 456 \text{ mA}$ $U = 242 \text{ V}$ ( $U_n + 4.8\%$ ) $B = 1$	$I_{k1}'' = 1.05 \text{ kA}$ O.K. $Z_{sv} < Z_s(0.4s)$ ( $524 \text{ mOhm} < 7.62 \text{ Ohm}$ , $2/3 Z_s = 5.08 \text{ Ohm}$ ) $i_{p1} = 1.51 \text{ kA}$
	L3	

Zapojení	Přístroj	Poznámka
1B1	Sít TN $I_n = 100 \text{ A}$ $U_2 = 242/420 \text{ V}$ $dU = 0.2 \%$	$I_k'' = 6.96 \text{ kA}$
	TN-C TN-S	
1B6	Sběrnice $B = 0.3$ $U = 419 \text{ V}$ ( $U_n + 4.8\%$ )	$I_k'' = 6.96 \text{ kA}$ $i_p = 11.7 \text{ kA}$
	3f L1	$I_{k1}'' = 6.96 \text{ kA}$ $i_{p1} = 11.7 \text{ kA}$
4Q8	LTN-16B $I_n = 16 \text{ A}$	$I_{cn} = 10 \text{ kA}$ $I_i = 72 \text{ A}$
	$Z_s(0.4s) = 2.87 \text{ Ohm}$ , $I_a = 81 \text{ A}$ , $R(50V/5s) = 621 \text{ mOhm}$	
4L9	1-CXKE-R 3x2,5 $I_z = 30 \text{ A}$ $t_m = 97^\circ \text{ C}$ 15 m, (E) $dU = 1.1 \%$ $I^2 t < k^2 S^2$	$I_{k1}'' = 1.60 \text{ kA}$ O.K. $Z_{sv} < Z_s(0.4s)$ ( $338 \text{ mOhm} < 2.87 \text{ Ohm}$ , $2/3 Z_s = 1.91 \text{ Ohm}$ ) $i_{p1} = 2.31 \text{ kA}$
0248	Vývod $P = 2.4 \text{ kW}$ $x_B = 2.4 \text{ kW}$ $\cos \phi_i = 0.95$ $I_{k1}'' = 1.60 \text{ kA}$ O.K. $Z_{sv} < Z_s(0.4s)$ ( $338 \text{ mOhm} < 2.87 \text{ Ohm}$ , $2/3 Z_s = 1.91 \text{ Ohm}$ ) $I = 10.9 \text{ A}$ $U = 240 \text{ V}$ ( $U_n + 3.7\%$ ) $B = 1$ $i_{p1} = 2.31 \text{ kA}$	
	L1	

Zapojení	Přístroj	Poznámka
1B1	Sít TN $I_n = 100 \text{ A}$ $U_2 = 242/420 \text{ V}$ $dU = 0.2 \%$	$I_k'' = 6.96 \text{ kA}$
	TN-C TN-S	
1B6	Sběrnice $B = 0.3$ $U = 419 \text{ V}$ ( $U_n + 4.8\%$ )	$I_k'' = 6.96 \text{ kA}$ $i_p = 11.7 \text{ kA}$
	3f L1	$I_{k1}'' = 6.96 \text{ kA}$ $i_{p1} = 11.7 \text{ kA}$
5Q8	LTN-20C $I_n = 20 \text{ A}$	$I_{cn} = 10 \text{ kA}$ $I_i = 175 \text{ A}$
	$Z_s(0.4s) = 1.15 \text{ Ohm}$ , $I_a = 201 \text{ A}$ , $R(50V/5s) = 411 \text{ mOhm}$	
5L9	1-CXKE-R 3x4 $I_z = 40 \text{ A}$ $t_m = 72^\circ \text{ C}$ 30 m, (E) $dU = 1.5 \%$ $I^2 t < k^2 S^2$	$I_{k1}'' = 1.32 \text{ kA}$ O.K. $Z_{sv} < Z_s(0.4s)$ ( $405 \text{ mOhm} < 1.15 \text{ Ohm}$ , $2/3 Z_s = 767 \text{ mOhm}$ ) $i_{p1} = 1.91 \text{ kA}$
0256	Vývod $P = 2.6 \text{ kW}$ $x_B = 2.6 \text{ kW}$ $\cos \phi_i = 0.95$ $I_{k1}'' = 1.32 \text{ kA}$ O.K. $Z_{sv} < Z_s(0.4s)$ ( $405 \text{ mOhm} < 1.15 \text{ Ohm}$ , $2/3 Z_s = 767 \text{ mOhm}$ ) $I = 12.1 \text{ A}$ $U = 239 \text{ V}$ ( $U_n + 3.3\%$ ) $B = 1$ $i_{p1} = 1.91 \text{ kA}$	
	L1	

Zapojení	Přístroj	Poznámka
1B1	Sít TN $I_n = 100 \text{ A}$ $U_2 = 242/420 \text{ V}$ $dU = 0.2 \%$	$I_k'' = 6.96 \text{ kA}$
	TN-C TN-S	
1B6	Sběrnice $B = 0.3$ $U = 419 \text{ V}$ ( $U_n + 4.8\%$ )	$I_k'' = 6.96 \text{ kA}$ $i_p = 11.7 \text{ kA}$
	3f L2	$I_{k1}'' = 6.96 \text{ kA}$ $i_{p1} = 11.7 \text{ kA}$
6Q8	LTN-20C $I_n = 20 \text{ A}$	$I_{cn} = 10 \text{ kA}$ $I_i = 175 \text{ A}$
	$Z_s(0.4s) = 1.15 \text{ Ohm}$ , $I_a = 201 \text{ A}$ , $R(50V/5s) = 411 \text{ mOhm}$	
6L9	1-CXKE-R 3x4 $I_z = 40 \text{ A}$ $t_m = 72^\circ \text{ C}$ 30 m, (E) $dU = 1.5 \%$ $I^2 t < k^2 S^2$	$I_{k1}'' = 1.32 \text{ kA}$ O.K. $Z_{sv} < Z_s(0.4s)$ ( $405 \text{ mOhm} < 1.15 \text{ Ohm}$ , $2/3 Z_s = 767 \text{ mOhm}$ ) $i_{p1} = 1.91 \text{ kA}$
0257	Vývod $P = 2.6 \text{ kW}$ $x_B = 2.6 \text{ kW}$ $\cos \phi_i = 0.95$ $I_{k1}'' = 1.32 \text{ kA}$ O.K. $Z_{sv} < Z_s(0.4s)$ ( $405 \text{ mOhm} < 1.15 \text{ Ohm}$ , $2/3 Z_s = 767 \text{ mOhm}$ ) $I = 11.7 \text{ A}$ $U = 239 \text{ V}$ ( $U_n + 3.4\%$ ) $B = 1$ $i_{p1} = 1.91 \text{ kA}$	
	L2	

Zapojení	Přístroj	Poznámka	
1B1	Sít TN $I_n = 100 \text{ A}$ $U_2 = 242/420 \text{ V}$ $dU = 0.2 \%$	$I_k'' = 6.96 \text{ kA}$	
	TN-C TN-S		
1B6	Sběrnice $B = 0.3$ $U = 419 \text{ V} (U_n + 4.8\%)$	$I_k'' = 6.96 \text{ kA}$ $i_p = 11.7 \text{ kA}$	
7Q8	LTN-20B $I_n = 20 \text{ A}$ $Z_s(0.4s) = 2.31 \text{ Ohm}$ , $I_a = 100 \text{ A}$ , $R(50V/5s) = 499 \text{ mOhm}$	$I_{cn} = 10 \text{ kA}$ $I_i = 90 \text{ A}$	
7L9	1-CXKE-R 5x4 $I_z = 42 \text{ A}$ $t_m = 64^\circ \text{ C}$ 80 m, (E) $dU = 1.1 \%$ $I^2 t < k^2 S^2$	$I_k'' = 625 \text{ A}$ $i_p = 901 \text{ A}$	O.K. $Z_{sv} < Z_s(0.4s)$ ( $890 \text{ mOhm} < 2.31 \text{ Ohm}$ , $2/3 Z_s = 1.54 \text{ Ohm}$ )
0261	Vývod $P = 4.3 \text{ kW}$ $x_B = 4.3 \text{ kW}$ $\cos \phi_i = 0.95$ $I = 6.53 \text{ A}$ $U = 415 \text{ V} (U_n + 3.8\%)$ $B = 1$	$I_k'' = 625 \text{ A}$ $i_p = 901 \text{ A}$	O.K. $Z_{sv} < Z_s(0.4s)$ ( $890 \text{ mOhm} < 2.31 \text{ Ohm}$ , $2/3 Z_s = 1.54 \text{ Ohm}$ )