

Zapojení	Přístroj	Poznámka
1B1	Sít TN In = 40 A U2 = 242/420 V dU = 0.3 % TN-C TN-S	Ik'' = 2.30 kA
1Q4	LTN-40B In = 40 A Zs(0,4s) = 1.15 Ohm, Ia = 201 A, R(50V/5s) = 249 mOhm	Icn = 10 kA Ii = 180 A
1B6	Sběrnice B = 0.5 U = 419 V (Un + 4.7%) 3f L1	Ik'' = 2.30 kA ip = 3.32 kA Ik1'' = 2.30 kA ip1 = 3.32 kA O.K. Zsv < Zs(0,4s) (439 mOhm < 1.15 Ohm)
1F18	DLI-10B-1N-030AC In = 10 A Zs(0,4s) = 1.54 kOhm, 5xIdn = 0,15A, R(50V/5s)=1,7kOhm	Idn = 0.03 A Icn = 10 kA Ii = 45 A
1L9	1-CXKE-R 3x1,5 30 m, (E) Iz = 21 A tm = 103 ° C dU = 3.4 % I ² t < k ² S ²	Ik1'' = 465 A ip1 = 671 A O.K. Zsv < Zs(0,4s) (1.24 Ohm < 1.54 kOhm)
1502	Vývod I = 10 A x B = 10 A I = 10.0 A U = 234 V (Un + 1.2%) B = 1	cos fi = 0.95 Ik1'' = 465 A ip1 = 671 A O.K. Zsv < Zs(0,4s) (1.24 Ohm < 1.54 kOhm)

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1B1	Síť TN $I_n = 40 \text{ A}$ $U_2 = 242/420 \text{ V}$ $dU = 0.3 \%$	$I_k'' = 2.30 \text{ kA}$
	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 $B = 0.5$ $U = 419 \text{ V}$ ($U_n + 4.7\%$)	$I_k'' = 2.30 \text{ kA}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($439 \text{ mOhm} < 1.15 \text{ Ohm}$) $i_p = 3.32 \text{ kA}$
	3f L2	$I_{k1}'' = 2.30 \text{ kA}$ $i_{p1} = 3.32 \text{ kA}$
2F18	DLI-10B-1N-030AC $I_n = 10 \text{ A}$ $I_{dn} = 0.03 \text{ A}$ $I_{cn} = 10 \text{ kA}$ $I_i = 45 \text{ A}$ $Z_s(0.4s) = 1.54 \text{ kOhm}$, $5 \times I_{dn} = 0.15 \text{ A}$, $R(50V/5s) = 1.7 \text{ kOhm}$	
2L9	1-CXKE-R 3x1.5 $I_z = 21 \text{ A}$ $t_m = 103^\circ \text{ C}$ $I_k'' = 465 \text{ A}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($1.24 \text{ Ohm} < 1.54 \text{ kOhm}$) 30 m, (E) $dU = 3.4 \%$ $I^2 t < k^2 S^2$ $i_{p1} = 671 \text{ A}$	
1504	Vývod $I = 10 \text{ A} \times 8 = 10 \text{ A}$ $\cos \phi_i = 0.95$ $I_{k1}'' = 465 \text{ A}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($1.24 \text{ Ohm} < 1.54 \text{ kOhm}$) $I = 10.0 \text{ A}$ $U = 234 \text{ V}$ ($U_n + 1.2\%$) $B = 1$ $i_{p1} = 671 \text{ A}$	
	L2	

Zapojení	Přístroj	Poznámka
1B1	Síť TN $I_n = 40 \text{ A}$ $U_2 = 242/420 \text{ V}$ $dU = 0.3 \%$	$I_k'' = 2.30 \text{ kA}$
	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 $B = 0.5$ $U = 419 \text{ V}$ ($U_n + 4.7\%$)	$I_k'' = 2.30 \text{ kA}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($439 \text{ mOhm} < 1.15 \text{ Ohm}$) $i_p = 3.32 \text{ kA}$
	3f L3	$I_{k1}'' = 2.30 \text{ kA}$ $i_{p1} = 3.32 \text{ kA}$
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 $I_z = 21 \text{ A}$ $t_m = 50^\circ \text{ C}$ 30 m, (E) $dU = 0.1 \%$ $I^2 t < k^2 S^2$	$I_{k1}'' = 465 \text{ A}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($1.26 \text{ Ohm} < 7.62 \text{ Ohm}$) $i_{p1} = 671 \text{ A}$
1522	Vývod $P = 100 \text{ W}$ $x_B = 100 \text{ W}$ $\cos \phi_i = 0.95$ $I = 456 \text{ mA}$ $U = 241 \text{ V}$ ($U_n + 4.5\%$) $B = 1$	$I_{k1}'' = 465 \text{ A}$ O.K. $Z_{sv} < Z_s(0.4s)$ ($1.26 \text{ Ohm} < 7.62 \text{ Ohm}$) $i_{p1} = 671 \text{ A}$
	L3	

