



Zapojenie	Prístroj	Poznámka
TS501	aTD394 22/0.42 In = 1375 A Sr= 1000 kVA Ik''= 22.2 kA U2 = 242/420 V dU = 0.0 %	
1Q3	3VA1110-3ED... (TM210) In = 100 A Icu = 25 kA li = 1000 A Zs(0,4s) = 210 mOhm, Ia = 1.10 kA, R(50V/5s) = 87 mOhm	
1L4	1-AYKY 3x150+70 Iz = 172 A tm = 37 ° C (Ik''= 8.25 kA) O.K. Zsv < Zs(0,4s) (76.3 mOhm < 210 mOhm, 2/3 Zs = 140 mOhm) 100 m, (D) dU = 0.2 % I²t < k²S² ip = 10.3 kA	
1F6	PNA000qG In = 80 A Icc = 120 kA Pripojené pomocou 3NP112 Zs(0,4s) = 339 mOhm, Ia = 682 A, R(50V/5s) = 135 mOhm	
1F9	PNA000qG In = 80 A Icc = 120 kA Pripojené pomocou 3NP112 Zs(0,4s) = 339 mOhm, Ia = 682 A, R(50V/5s) = 135 mOhm	
1L11	1-AYKY 3x150+70 Iz = 172 A tm = 37 ° C Ik''= 1.74 kA Zsv > Zs(0,4s) (420 mOhm > 339 mOhm) !!! 500 m, (D) dU = 0.8 % I²t < k²S² ip = 2.52 kA	
1F13	PNA000qG In = 80 A Icc = 120 kA Pripojené pomocou 3NP112 Zs(0,4s) = 339 mOhm, Ia = 682 A, R(50V/5s) = 135 mOhm	
1F15	PNA000qG In = 80 A Icc = 120 kA Pripojené pomocou 3NP112 Zs(0,4s) = 339 mOhm, Ia = 682 A, R(50V/5s) = 135 mOhm	
1L17	1-AYKY 3x150+70 Iz = 172 A tm = 37 ° C Ik''= 971 A Zsv > Zs(0,4s) (764 mOhm > 339 mOhm) !!! 500 m, (D) dU = 0.8 % I²t < k²S² ip = 1.40 kA	
1F19	PNA000qG In = 80 A Icc = 120 kA Pripojené pomocou 3NP112 Zs(0,4s) = 339 mOhm, Ia = 682 A, R(50V/5s) = 135 mOhm	
1B20	Zbernica B = 1 Ik''= 971 A Zsv > Zs(0,4s) (764 mOhm > 339 mOhm) !!! U = 413 V (Un + 3.2%) ip = 1.40 kA	
1Q21	LTN-20B In = 20 A Icc = 65 kA li = 90 A Zs(0,4s) = 2.31 Ohm, Ia = 100 A, R(50V/5s) = 499 mOhm	
1L23	CYKY4x16 Iz = 65 A tm = 26 ° C Ik''= 292 A O.K. Zsv < Zs(0,4s) (1.95 Ohm < 2.31 Ohm, 2/3 Zs = 1.54 Ohm) 500 m, (D) dU = 2.2 % I²t < k²S² ip = 422 A	
SON	Vývod P= 5.7 kW xB = 5.7 kW cos fi = 0.95 Ik''= 292 A O.K. Zsv < Zs(0,4s) (1.95 Ohm < 2.31 Ohm, 2/3 Zs = 1.54 Ohm) I = 8.63 A U = 404 V (Un + 1.0%) B = 1 ip = 422 A	

Zapojenie	Prístroj	Poznámka
TS501	aTO394 22/0.42 In = 1375 A Sr= 1000 kVA Ik''= 22.2 kA U2 = 242/420 V dU = 0.0 %	
1Q3	3VA1110-3ED... (TM210) In = 100 A Icu = 25 kA li = 1000 A Zs(0,4s) = 210 mOhm, Ia = 1.10 kA, R(50V/5s) = 87 mOhm	
1L4	1-AYKY 3x150+70 Iz = 172 A tm = 37 ° C (Ik''= 8.25 kA) O.K. Zsv < Zs(0,4s) (76.3 mOhm < 210 mOhm, 2/3 Zs = 140 mOhm) 100 m, (D) dU = 0.2 % I ² t < k ² S ² ip = 10.3 kA	
1F6	PNA000qG In = 80 A Icc = 120 kA Pripojené pomocou 3NP112 Zs(0,4s) = 339 mOhm, Ia = 682 A, R(50V/5s) = 135 mOhm	
1F9	PNA000qG In = 80 A Icc = 120 kA Pripojené pomocou 3NP112 Zs(0,4s) = 339 mOhm, Ia = 682 A, R(50V/5s) = 135 mOhm	
1L11	1-AYKY 3x150+70 Iz = 172 A tm = 37 ° C Ik''= 1.74 kA Zsv > Zs(0,4s) (420 mOhm > 339 mOhm) !!! 500 m, (D) dU = 0.8 % I ² t < k ² S ² ip = 2.52 kA	
1F13	PNA000qG In = 80 A Icc = 120 kA Pripojené pomocou 3NP112 Zs(0,4s) = 339 mOhm, Ia = 682 A, R(50V/5s) = 135 mOhm	
1F15	PNA000qG In = 80 A Icc = 120 kA Pripojené pomocou 3NP112 Zs(0,4s) = 339 mOhm, Ia = 682 A, R(50V/5s) = 135 mOhm	
1L17	1-AYKY 3x150+70 Iz = 172 A tm = 37 ° C Ik''= 971 A Zsv > Zs(0,4s) (764 mOhm > 339 mOhm) !!! 500 m, (D) dU = 0.8 % I ² t < k ² S ² ip = 1.40 kA	
1F19	PNA000qG In = 80 A Icc = 120 kA Pripojené pomocou 3NP112 Zs(0,4s) = 339 mOhm, Ia = 682 A, R(50V/5s) = 135 mOhm	
1B20	Zbernica B = 1 Ik''= 971 A Zsv > Zs(0,4s) (764 mOhm > 339 mOhm) !!! U = 413 V (Un + 3.2%) ip = 1.40 kA	
2Q21	LTN-20B In = 20 A Icc = 65 kA li = 90 A Zs(0,4s) = 2.31 Ohm, Ia = 100 A, R(50V/5s) = 499 mOhm	
2L23	CYKY4x16 Iz = 65 A tm = 26 ° C Ik''= 292 A O.K. Zsv < Zs(0,4s) (1.95 Ohm < 2.31 Ohm, 2/3 Zs = 1.54 Ohm) 500 m, (D) dU = 2.0 % I ² t < k ² S ² ip = 422 A	
LED	Vývod P= 5.3 kW xB = 5.3 kW cos fi = 0.97 Ik''= 292 A O.K. Zsv < Zs(0,4s) (1.95 Ohm < 2.31 Ohm, 2/3 Zs = 1.54 Ohm) I = 7.95 A U = 405 V (Un + 1.2%) B = 1 ip = 422 A	