WS 15/16 1) GU a) MN = MA IA 60s - MRBy IA = IAN - PE = 2440A - 17A = 2423L Un = 4704 10m2-2423A-0,8V = 445V MN = 445 V - 2423 A - 605 - 100 Nm = 18.967,4 Nm b) no = UAN - NN = 470V - 540 min = = 570,3 C) 7 = UA. IA - PRS3 = 445V. 2423A - 56543V UAN (IAN) = 470V. 2440A Prog = Mrs. 211n = 5654,3W 7 = 0,94 = 94% d) Rw = R20 (1+000 (T-200)) Pro = 1+ 000 (T-20°C) = 1+ 8,3.1032 (105°C-20°C) $U_{A} = \frac{7.5 \text{ m } \Omega}{470 \text{ V}} - \frac{7.5 \text{ m } \Omega}{7.5 \text{ m } \Omega} \cdot 2423 \text{ A} - 0.8 \text{ V}$ = 451 V

