7. Lygusa Achlung: 
$$Z=\sqrt{\frac{1}{6}} = 264,6 \Omega$$

O)  $\rho_{ref} = 5500 \text{ MW}$  folselow Were in AutynSenstellung.

 $\rho_{mg} = \frac{U_d}{Z}$ 

$$X_{l} = 0, 42 \frac{\Omega}{K_{-}} \cdot 7300 K_{-} = 546 \Omega$$

$$X_{c_{-}} = 2.\pi \cdot 50 Hz \cdot 7, 2 \cdot 70^{-6} F = 2,262 mS$$

$$X_{d_{-}} = \omega L - \frac{7}{\omega C_{K}} = 546 \Omega - 442, \Omega = 703,9 \Omega$$

$$I_{2} = \lambda, 76 \text{ kA} \quad (0)$$

$$I_{c_2} = \frac{wC}{3} U_{3_{\lambda}} = \frac{wC' \cdot \ell}{2} U_{3_{\lambda}}$$

$$= 3 \cdot \pi i^{\frac{\ell}{2}} \frac{f}{K_{\lambda}} \cdot 7300\kappa_{-} \cdot 664 \kappa V$$

= 2,59 KA