

Pentoda mocy

UL 41

Philips

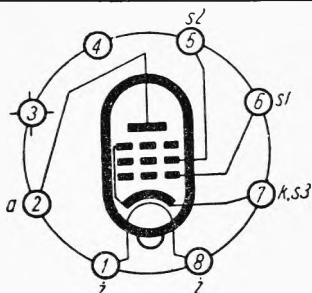
Wzmacniacz mocy m.cz.

Rimlok



$$U_{\bar{z}} = 45 \text{ V}$$

$$I_{\bar{z}} = 100 \text{ mA}$$



Wartości robocze w klasie A

| | | | | |
|-----------------|------|-------|------|------------|
| U_a | 100 | 170 | 200 | V |
| U_{s2} | 100 | 170 | 200 | V |
| U_{s1} | -5,7 | -10,4 | -14 | V |
| $U_{s1}^{(1)}$ | 0,55 | 0,5 | 0,5 | V |
| $U_{wej}^{(2)}$ | 3,80 | 6 | 7 | V |
| I_a | 29 | 53 | 45 | mA |
| I_{s2} | 5,5 | 10 | 8,5 | mA |
| $K_{s2/s1}$ | 10 | 10 | 10 | V/V |
| S_a | 8 | 9,5 | 9 | mA/V |
| ρ_a | 18 | 20 | 20 | k Ω |
| R_a | 3 | 3 | 4 | k Ω |
| R_k | 170 | 160 | 250 | Ω |
| $P_{wyj}^{(3)}$ | 1,25 | 4,00 | 4,25 | W |

Wartości graniczne

| | | |
|-------------------|------|------------|
| U_{a0max} | 550 | V |
| U_{amax} | 250 | V |
| U_{s20max} | 550 | V |
| U_{s2max} | 250 | V |
| P_{amax} | 9 | W |
| P_{s2max} | 2,5 | W |
| I_{kmax} | 75 | mA |
| $R_{s1max}^{(1)}$ | 1 | M Ω |
| U_{wlkmax} | 150 | V |
| $U_{s1max}^{(2)}$ | -1,3 | V |
| R_{wlkmax} | 20 | k Ω |

¹⁾ Tylko przy U_{s1} automatycz. lub półautomatycznym

²⁾ $I_{s1} \leq +0,3 \mu\text{A}$

¹⁾ $P_{wyj} = 50 \text{ mW}$; ²⁾ Przy mocy znamionowej;

³⁾ Przy $h = 10\%$

Wartości robocze w klasie AB

| | | | | | |
|-----------|----------------|----------------|----------------|-----------------|----|
| U_a | 100 | 170 | V | | |
| U_{s2} | 100 | 170 | V | | |
| R_k | 100 | 100 | Ω | | |
| R_{aa} | 4,0 | 4,0 | k Ω | | |
| U_{wej} | 0 | 4,6 | 9,3 | V | |
| I_a | 2×25 | 2×27 | 2×46 | 2×49 | mA |
| I_{s2} | $2 \times 5,0$ | $2 \times 6,8$ | $2 \times 9,0$ | $2 \times 16,5$ | mA |
| P_{wyj} | 0 | 2,2 | 0 | 9,0 | W |
| h | — | 4,0 | — | 5,0 | % |

Pojemności

| | | |
|------------|------|----|
| C_{wej} | 11 | pF |
| C_{wyj} | 8,3 | pF |
| $C_{s1/a}$ | <1,0 | pF |
| $C_{s1/w}$ | <0,1 | pF |

TYPY PODOBNE

UL 11, UL 81

