

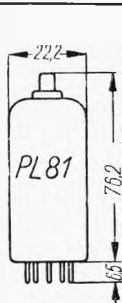
# Pentoda

# PL 81

Telefunken

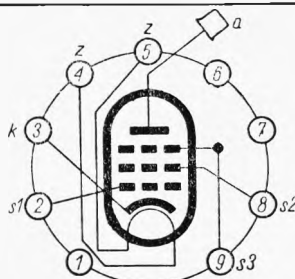
Wzmacniacz mocy, wybieranie linii (TV)

Nowal



$$U_z = 215V$$

$$I_z = 300mA$$



## Wartości charakterystyczne

|             |     |     |            |
|-------------|-----|-----|------------|
| $U_a$       | 170 | 200 | V          |
| $U_{s3}$    | 0   | 0   | V          |
| $U_{s2}$    | 170 | 200 | V          |
| $U_{s1}$    | -22 | -28 | V          |
| $I_a$       | 45  | 40  | mA         |
| $I_{s2}$    | 3   | 2,8 | mA         |
| $K_{sz/s1}$ | 5,5 | 5,5 | V/V        |
| $S_a$       | 6,2 | 6   | mA/V       |
| $Q_a$       | 10  | 11  | k $\Omega$ |

## Wartości robocze Wzmacniacz mocy przeciw- sobny Kl. B

|            |         |        |        |          |    |
|------------|---------|--------|--------|----------|----|
| $U_a$      | 170     |        | 200    |          | V  |
| $U_s$      | 0       |        | 0      |          | V  |
| $U_{s2b}$  | 170     |        | 200    |          | V  |
| $U_{s1}$   | -27     |        | -31,5  |          | V  |
| $U_{icef}$ | 0       | 19     | 0      | 22,5     | V  |
| $I_a$      | 2 × 20  | 2 × 73 | 2 × 25 | 2 × 87   | mA |
| $I_{s2}$   | 2 × 1,5 | 2 × 10 | 2 × 2  | 2 × 12,5 | mA |
| $R_{aa}$   | 2,5     |        | 2,5    |          | kΩ |
| $R_{s2}$   | 1       |        | 1      |          | kΩ |
| $P_{icyf}$ | 0       | 13,5   | 0      | 20       | W  |
| $h$        | 5,5     |        | 5,5    |          | %  |

## Wartości graniczne

|                     |            |            |
|---------------------|------------|------------|
| $U_{a0max}$         | 550        | V          |
| $U_{amax}$          | 250        | V          |
| $U_{aszczmax}$      | $\pm 7000$ | V          |
| $U_{s20max}$        | 550        | V          |
| $U_{s2max}$         | 250        | V          |
| $U_{s1}^{(1)}$      | -1,3       | V          |
| $U_{zmax}$          | 32         | V          |
| $P_{amax}$          | 8          | W          |
| $P_{s2max}$         | 4,5        | W          |
| $I_{kmax}$          | 180        | mA         |
| $R_{s1max}$         | 0,5        | M $\Omega$ |
| $(P_a + P_{s2})max$ | 10         | W          |
| $U_{ic/kmax}$       | 200        | V          |
| $R_{ic/kmax}$       | 20         | k $\Omega$ |

## Pojemności

|             |       |    |
|-------------|-------|----|
| $C_{iccf}$  | 14,7  | pF |
| $C_{icyf}$  | 6,0   | pF |
| $C_{s/a}$   | < 0,8 | pF |
| $C_a/k$     | < 0,1 | pF |
| $C_{s1/10}$ | < 0,2 | pF |

$$^{1)} I_b = +0,3 \mu A$$

TYPY PODOBNE

**21 A 6, EL 81, PL 38, EL 44, N 152**  
(Marconi)

