



ELECTRONIC TUBE REFERENCE

RS1011

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Siemens high-power transmitting triode with disc-shaped grid lead-through for RF amplifier and oscillator service. Approximately 10 kW plate dissipation and very high transconductance provide substantial professional transmitter power.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	10 V / —	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.06 S
MAXIMUM PLATE DISSIPATION	10000 W
Ratings, characteristics, and operating tables audited semantically; repeated identical systems represented once where applicable.	

Triode mit scheibenförmiger Gitterdurchführung und konzentrischen Kathodenzuführungen zur Verwendung als HF. — Verstärker und Oszilla — tor.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Siemens

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1963 SIEMENS

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
$U_g = 10 \text{ V} 3\%$	—	—
$U_g = 45 \text{ kv}$	—	—
$Q_g = 10 \text{ kW}$	—	—
$f = 220$	—	—
$U_g = 35 \text{ 4}$	—	—
$f = 100 \text{ MHz}$	—	—
$U_q = 45 \text{ kV}$	—	—
$F=25^\circ\text{C}$ und $h=20$	—	—

CURRENT		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
$I_r = 70 \text{ A}$	—	—
$I_e = 50 \text{ A}$ bei $U_y = U_g = 600 \text{ V}$	—	—
$N = 65$ bei $U_g=1.4\text{kV}$, $I_o=1 \text{ A}$	—	—
$S = 60 \text{ mA/V}$ bei $U_g=4 \text{ kv}$, $I_g=1 \text{ A}$	—	—
$I_y = 10 \text{ A}$	—	—
$I_g = 65 \text{ A}$	—	—
$L[]$ () bg, V)= 250, $I_o = "f$ (U_p)	—	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
$Coik = 80 \text{ pF}$	—	—