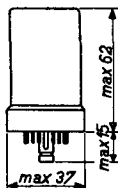
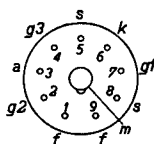
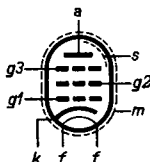


PENTODE for use as wide band and measuring amplifier
 PENTHODE pour utilisation comme amplificatrice à
 large bande et de mesure
 PENTODE zur Verwendung als Breitband- und Messver-
 stärker

Heating: indirect by A.C. or D.C.;
 parallel supply
 Chauffage: indirect par C.A. ou C.C.; $V_f = 6,3 \text{ V}$
 alimentation en parallèle $I_f = 0,3 \text{ A}$
 Heizung: indirekt durch Wechsel- oder
 Gleichstrom; Parallelspeisung

Dimensions in mm
 Dimensions en mm
 Abmessungen in mm



Base, culot, Sockel: Octal 9 p. (B9G)

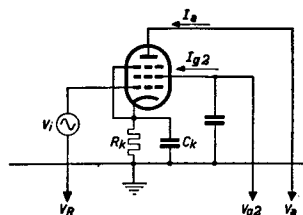
Capacitances	$C_a = 5,2 \text{ pF}$
Capacités	$C_{g1} = 8,3 \text{ pF}$
Kapazitäten	$C_{ag1} < 0,007 \text{ pF}$
	$C_{g1f} < 0,01 \text{ pF}$

Damping resistances	$\left. \begin{matrix} \lambda = 6 \text{ m} \\ I_a = 10 \text{ mA} \end{matrix} \right\} r_{g1} = 4 \text{ k}\Omega$
Résistances d'amortissement	$r_a = 50 \text{ k}\Omega$
Dämpfungswiderstände	

The grid damping r_{g1} is inversely proportional to the square of the frequency
 L'amortissement de grille r_{g1} est inversement proportionnel au carré de la fréquence
 Die Gitterdämpfung r_{g1} ist umgekehrt proportional dem Quadrate der Frequenz

Operating characteristics
Caractéristiques d'utilisation
Betriebsdaten

$V_a = V_{g2}$	=	250	V
V_{g3}	=	0	V
R_k	=	32	Ω
C_k	=	50	pF
V_R	=	$\overbrace{-1,55 \quad -4,5}$	V
I_a	=	10	mA
I_{g2}	=	3	mA
S	=	6,5	0,65 mA/V
R_i	=	1	M Ω



Limiting values
Caractéristiques limites
Grenzdaten

V_{ao}	= max.	550 V
V_a	= max.	300 V
W_a	= max.	3 W
V_{g2o}	= max.	550 V
V_{g2}	= max.	300 V
W_{g2}	= max.	1,7 W
I_k	= max.	15 mA
V_{g1} ($I_{g1} = +0,3 \mu A$)	= max.	-1,3 V
V_{g3} ($I_{g3} = +0,3 \mu A$)	= max.	-1,3 V
R_{g1}	= max.	3 M Ω
R_{g3}	= max.	3 M Ω
V_{fk}	= max.	100 V
R_{fk}	= max.	20 k Ω



	EF50	
page	sheet	date
1	1	1953.04.04
2	2	1953.04.04
3	FP	1999.06.28