AK 1 „Miniwatt"

OCTODE, mixing tube
OCTODE, tube changeur de fréquence
OKTODE, Mischröhre

Heating :	Indirect ; A.C. ; parallel supply	
Chauffage :	Indirect ; courant alternatif ; alimentation en parallèle	Vf = 4,0 V If = 0,65 A
Heizung :	Indirekt ; Wechselstrom ; Parallelspeisung	

Capacities	C_{ag_4}	< 0,06 pF	C_{g_1}	= 6,1 pF
Capacités	C_{g_1}	= 9,4 pF	$C_{g_1g_4}$	< 0,35 pF
Kapazitäten	C_{g_4}	= 9,0 pF	$C_{g_1g_4}$	< 0,25 pF
	Ca	= 12,5 pF		

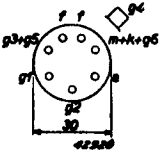
Operating characteristics
Caractéristiques de service
Betriebsdaten

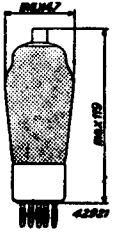
Va	=	200 V	Ia	=	1,6 — mA
V_{g_2}	=	90 V	I_{g_2}	=	2,0 — mA
$V(g_3 + g_5)$	=	70 V	$I(g_3 + g_5)$	=	3,8 — mA
Vosc (I_{g_1}	=	190 μA) = 8,5 Veff	Sc	=	600 2 μA/V
$R_{g_1}k$	=	50 000 Ω	Ri	=	1,5 >10 MΩ
V_{g_4}	=	—1,5 — 25 V			

Limiting values
Limites fixées pour l'utilisation
Grenzwerte

Vao	= max.	400 V	$V(g_2 + g_4)$	= max.	70 V
Va	= max.	250 V	$W(g_2 + g_4)$	= max.	0,5 W
Wa	= max.	0,5 W	V_{g_4} (I_{g_4} = + 0,3 μA)	= max.	—1,3 V
V_{g_2o}	= max.	400 V	Ik	= max.	10 mA
V_{g_2}	= max.	90 V	$R_{g_4}k$	= max.	2 MΩ
W_{g_2}	= max.	0,3 W	Vfk	= max.	50 V
$V(g_3 + g_5)_o$	= max.	400 V	Rfk	= max.	20 000 Ω

Electrode arrangement, base connections and max. dimensions in mm.
Disposition des électrodes, connexions du culot et dimensions max. en mm.
Elektrodenanordnung, Sockelanschlüsse und max. Abmessungen in mm.



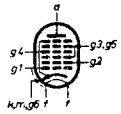


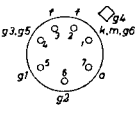
AK 1 PHILIPS

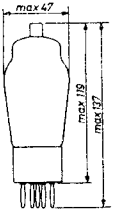
OCTODE for use as frequency changer
OCTODE pour utilisation en changeuse de fréquence
OKTODE zur Verwendung als Mischröhre

Heating : indirect;parallel supply — V_f = 4,0 V
Chauffage: indirect;alimentation-parallèle — I_f = 0,65 A
Heizung : indirekt;Parallelspeisung

Dimensions in mm
Dimensions en mm
Abmessungen in mm







Base, culot, Sockel: C

Operating characteristics
Caractéristiques d'utilisation
Betriebsdaten

V_a	=	200		V
V_{g2}	=	90		V
$V_{g3,g5}$	=	70		V
R_{g1}	=	50		kΩ
I_{g1}	=	190		µA
V_{osc}	=	8,5		Veff
V_{g4}	=	-1,5	-25	V
I_a	=	1,6	-	mA
I_{g2}	=	2,0	-	mA
$I_{g3,g5}$	=	3,8	-	mA
S_c	=	600	2	µA/V
R_i	=	1,5	>10	MΩ

Limiting values
Caractéristiques limites
Grenzdaten

V_{a_o}	= max. 400 V	$V_{g3,g5}$	= max. 70 V
V_a	= max. 250 V	$W_{g3,g5}$	= max. 0,5 W
W_a	= max. 0,5 W	V_{g4}(I_{g4}=+0,3µA)	= max. -1,3 V
V_{g2_o}	= max. 400 V	I_k	= max. 10 mA
V_{g2}	= max. 90 V	R_{g4}	= max. 2 MΩ
W_{g2}	= max. 0,3 W	V_{kf}	= max. 50 V
$V_{g3,g5o}$	= max. 400 V	R_{kf}	= max. 20 kΩ

AK1

page	sheet	date
1	2	1947.12.01
2	2	1953.12.12
3	FP	1999.06.26