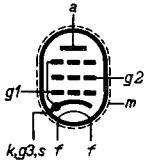
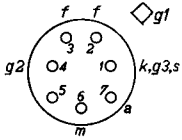
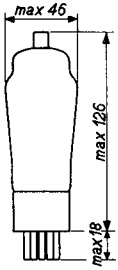
PENTODE for use in telephone equipment
PENTHODE pour utilisation en équipement téléphonique
PENTHODE zur Verwendung in Telephon-Anlagen

Heating : indirect by A.C. or D.C.; parallel supply
Chauffage: indirect par C.A. ou C.C.; alimentation en parallèle — Vf = 21 V, If = 0,335 A
Heizung : indirect durch Wechsel- oder Gleichstrom; Parallelspeisung

Dimensions in mm
Dimensions en mm
Abmessungen in mm







Capacities
Capacités
Kapazitäten

Ca	=	15 pF
Cg1	=	14,5 pF
Cag1	<	0,25 pF
Cg1f	<	0,5 pF

Typical characteristics
Caractéristiques typiques
Kenndaten

Va	=	125 V
Vg2	=	125 V
Rk	=	115 Ω
Ia	=	48 mA
Ig2	=	9,5 mA
S	=	9 mA/V
μg2g1	=	9,5 -
Ri	=	16,5 kΩ

Operating conditions for use as pre-amplifier
Caractéristiques d'utilisation comme préamplificatrice
Betriebsdaten zur Verwendung als Vorverstärker

Va	= 125 V	S	=	9 mA/V
Vg2	= 125 V	Ri	=	16,5 kΩ
Rk	= 115 Ω	$\frac{Vo}{Vi}$	=	3,15 N
Ra	= 3,3 kΩ			
Ia	= 48 mA	Rgl	= max.	1 MΩ
Ig2	= 9,5 mA			

Rgl (with fixed grid bias) (à polarisation fixe) (bei fester Gittervorsp.) = max. 0,5 MΩ

Operating conditions for use as output valve
Caractéristiques d'utilisation comme tube de sortie
Betriebsdaten zur Verwendung als Endröhre

Va	= 125 V	S	=	9 mA/V
Vg2	= 125 V	Ri	=	16,5 kΩ
Rk	= 115 Ω	Wo	=	0,8 W
Ra	= 3,3 kΩ	d_{tot}	<	3 %
Ia	= 48 mA	Rgl	= max.	0,3 MΩ
Ig2	= 9,5 mA			

Rgl (with fixed grid bias) (à polarisation fixe) (bei fester Gittervorsp.) = max.0,15 MΩ

Limiting values
Caractéristiques limites
Grenzdaten

Va_o	= max. 300 V
Va	= max. 150 V
Wa	= max. 5,6 W
$Vg2_o$	= max. 300 V
Vg2	= max. 150 V
Wg2	= max. 1,2 W
Ik	= max. 70 mA
Vgl (Igl = +0,3 μA)	= max.-1,3 V
Vfk	= max. 50 V
Rfk	= max. 3 kΩ

PHILIPS

Electronic Tube HANDBOOK

18016

page	sheet	date
1	1	1948.09.18
2	2	1948.09.18
3	FP	1999.08.14