



ELECTRONIC TUBE REFERENCE

PL6574

Other (weirdo tubes) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
OTHER

PL6574 is documented as a special-purpose electronic tube, but the available source summary does not establish a narrower function reliably.

GENERAL CHARACTERISTICS

BASE DESIGNATION	OCTAL	BASE PINS	8
NOMINAL HEATER	6.3 V / 950 mA	PARALLEL HEATER	– / –
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Other	
MAXIMUM PLATE VOLTAGE	650 V
PEAK INVERSE VOLTAGE	1300 V
PEAK FORWARD CURRENT	2 A
FORWARD VOLTAGE DROP	10 V
WARM-UP TIME	5 s
<i>Published ratings and characteristics promoted where unambiguous; additional source values preserved as parameters.</i>	

A special-purpose electronic tube whose source sheet provides its intended application and published electrical operating data.

SOURCE OPERATING CONDITIONS

1953 RFT Rundfunk Technik

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

1953 RFT RUNDFUNK TECHNIK

Section 1 · Other

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
den Typen B	2 A	den Typen B-2A und EN 33 ähnlich.
Ur	6.3 V	Ur 6,3 V _ MOX 6292
If m	950 mA	If m 0,95 A
r z	15 s	r z 15 s ; / fi 4
Ui	10 V	Ui 10 V
Uz	40 V	Uz 40 V
=	0 V	= 0 V) E
—U max	1.3 kV	—U max. 1,3 kV
Uas max	0.65 kV	Uas max. 0,650 kV
Iks maxX	2 A	Iks maxX. 2 A
max	300 mA	max. 300 mA } r
—U maxX	250 V	—U maxX. 250 V
—U max	10 V	—U max. 10 V A
ng 818 maX	20 mA	ng 818 maX. 20 mA
(bei Ik =	200 mA	(bei Ik = 200 mA)
'Ug	2 s	'Ug2 s maxX. 100 V 1; Betriebslage: beliih!;
L _{Ue}	63 V	L _{Ue} 63V;Ug2=0V _. 7 av max. 15 8
U_f/k max	100 V	U_f/k max. 100 V

1963 Philips Electron Tubes Handbook V3

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

1963 PHILIPS ELECTRON TUBES HANDBOOK V3

Section 1 · Other

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heizung :indirekt If	950 mA	Heizung :indirekt If = 950 mA

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Varc	10 V	Typical characteristics Varc 10 V
Grid-1 voltage	0 V	Typical characteristics Va/Vg 1 (Vg2 = 0 V) = 275 1)
(Vgl	0 V	Typical characteristics (Vgl = 0 V)
Peak anode voltage	650 V	Limiting values Vap = max. 650 V
Peak inverse anode voltage	1.3 kV	Limiting values Va invp = max. 1.3 kV
Grid-2 voltage	100 V	Limiting values -Vg2 = max. 100 V 2)
Grid-2 voltage	10 V	Limiting values -Vg2 = max. 10 V3)
Grid-1 voltage	250 V	Limiting values -Vg1 = max. 250 V2)
Grid-1 voltage	10 V	Limiting values -Vg1 = max. 10 V3)
Cathode current	15 s	Limiting values Ik (Tav = max. 15 sec) = max. 300 mA
Cathode current	300 mA	Limiting values Ik (Tav = max. 15 sec) = max. 300 mA
Peak cathode current	2 A	Limiting values Ikp = max. 2A
Surge cathode current	0.1 s	Limiting values Ik surge (T = max. 0.1 sec) = max. 10 A
Surge cathode current	10 A	Limiting values Ik surge (T = max. 0.1 sec) = max. 10 A
Grid-2 current	-10 V	Limiting values +Ig2 (Va > -10 V) = max. 20 mA4)
Grid-2 current	20 mA	Limiting values +Ig2 (Va > -10 V) = max. 20 mA4)

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-1 current	-10 V	Limiting values +Ig1 (Va > -10 V) = max. 20 mA4)
Grid-1 current	20 mA	Limiting values +Ig1 (Va > -10 V) = max. 20 mA4)
Grid-1 current	1 mA	Limiting values +Ig1 = max. 1 mA5)
Grid-1 resistance	200 mA	Limiting values Rg1 (Ik = 200 mA) = max. 10 MO
Grid-1 resistance	10 Mohm	Limiting values Rg1 (Ik = 200 mA) = max. 10 MO
Peak heater-cathode voltage	100 V	Limiting values Vkfp (k pos.; f neg.) = max. 100 V
Heater-cathode voltage	25 V	Limiting values Vkf (k neg.; f pos.) = max. 25 V
Published electrical value	-10 V	Limiting values 5)During the time that Va is more negative than -10 V
Pendant le temps Va est plus negative que	-10 V	Limiting values Pendant le temps Va est plus negative que -10 V
Wahrend der Zeit wenn Va mehr negativ	1 s	Limiting values Wahrend der Zeit wenn Va mehr negativ 1st als -10 V
Wahrend der Zeit wenn Va mehr negativ	-10 V	Limiting values Wahrend der Zeit wenn Va mehr negativ 1st als -10 V
Grid-1 resistance	1 MS	Limiting values Rg1=0.1MSL
Published electrical value	0 V	Limiting values 0Vg1(V)-15
Grid-2 voltage	0 V	Limiting values Vg2=0V



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips E-Z

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

1999 PHILIPS E-Z

Section 1 · Other

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heating : indirect Vg	6.3 V	Heating : indirect Vg = 6,3 V
Heating :indirect Ve	6.3 V	Heating :indirect Ve = 6,3 V

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Capacitances Cag1	0.25 pF	Capacitances Cag1 = 0,25 pF