



ELECTRONIC TUBE REFERENCE

EDD11

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

Double power triode designed for Class-B audio output amplification, combining two output sections in one envelope for push-pull power stages.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 400 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	3 W
Two similar output triode sections; represented once under identical-section compression.	

SECTION2 Triode	
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	3 W

Double output triode for Class-B amplification.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1959 Telefunken

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

1959 TELEFUNKEN

Section 1 · Triode

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Class-B audio output	ClassB



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 · Triode

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Chauffage id., alimentation en paral- Vf 6,	3 V	Published datasheet value

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Va (EDD 11 & EBC 11)	200 V	Published datasheet value
Va (EDD 11 & EBC 11) 200V	250 V	Published datasheet value
Vg (EDD 11)	-6.3 V	Published datasheet value
Vg (EDD 11) -6,3 V	-6.3 V	Published datasheet value
Vg (EDD 11.)	-6.3 V	Published datasheet value
Vg (EDD 11.) -6,3V	-8 V	Published datasheet value
Iao (EDD 11) 2x	1.6 mA	Published datasheet value

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
I _{ao} (EDD 11) 2x1,6 mA 2x	3.5 mA	Published datasheet value
I _s max (EDD 11) 2x	17.5 mA	Published datasheet value
I _s max (EDD 11) 2x17,5 mA 2x	17.5 mA	Published datasheet value
V _i (ESC 11)	4.5 V	Published datasheet value
V _i (ESC 11) 4,5 V(eff)	4.5 V	Published datasheet value
W _o (EDD 11)	4.5 W	Published datasheet value
W _o (EDD 11) 4,5 W	5.5 W	Published datasheet value
°tt	10 %	Published datasheet value
°tt 10%	10 %	Published datasheet value
V~ (W _o	50 mW	Published datasheet value
V~ (W _o = 50 mW)	0.15 V	Published datasheet value
V~ (W _o = 50 mW) 0,15V(eff)	0.15 V	Published datasheet value
W _l (EDD 11)(W _o = max)2)	0.1 W	Published datasheet value
W _l (EDD 11)(W _o = max)2) 0,1W	0.1 W	Published datasheet value
V _{ao} max	550 V	Published datasheet value
V _a max	250 V	Published datasheet value
W _e max. 2x	3 W	Published datasheet value
I _k max. 2x	25 mA	Published datasheet value
V _{fk} max	50 V	Published datasheet value