



ELECTRONIC TUBE REFERENCE

ES1101

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

High-mu AEI power triode for zero-bias Class B push-pull output service. A two-tube stage is specified for approximately 200 W output, with 40 W plate dissipation per valve.

GENERAL CHARACTERISTICS

BASE DESIGNATION	UX4	BASE PINS	4
NOMINAL HEATER	7.5 V / 1.2 A	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	24000 Ω
TRANSCONDUCTANCE	0.003 S
AMPLIFICATION FACTOR	72
MAXIMUM PLATE VOLTAGE	1250 V
MAXIMUM PLATE DISSIPATION	40 W
MAXIMUM CATHODE CURRENT	200 mA

Indirectly heated radiation-cooled power triode for zero-bias Class B push-pull audio amplifiers, rated for up to 200 W output per pair.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 AEI Industrial Valves

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

1961 AEI INDUSTRIAL VALVES

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Grid Capacitance	4 pF	—
Anode Cathode Capacitance	1 pF	—
Grid Cathode Capacitance	5.2 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical Power Output	200 W	ClassB;PushPull;TwoTubes



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Associated Electrical Industries

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

1961 ASSOCIATED ELECTRICAL INDUSTRIES

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Grid Capacitance	4 pF	—
Anode Cathode Capacitance	1 pF	—
Grid Cathode Capacitance	5.2 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical Power Output	200 W	ClassB;PushPull;TwoTubes