



ELECTRONIC TUBE REFERENCE

AD102

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

German triode valve with published operating data and limiting ratings; available source material does not establish a narrower functional role confidently.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 1.6 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	860 Ω
TRANSCONDUCTANCE	0.0058 S
AMPLIFICATION FACTOR	5
MAXIMUM PLATE VOLTAGE	400 V
MAXIMUM PLATE DISSIPATION	25 W
MAXIMUM CATHODE CURRENT	80 mA
<i>Published ratings and characteristic constants promoted where applicable. Telefunken AD102 indirectly heated audio-output power triode, 17-pin post socket, equivalent RV210 version with 5-pin Europa base. Maximum operating plate voltage 400 V, cold-start 650 V; plate dissipation 25 W, cathode current 80 mA. Typical Class A: plate 400 V, grid about -51 V, plate 70 mA, gm 5.8 mA/V, μ 5, rp 860 Ω.</i>	

AD102: triode valve with published operating data and limiting ratings. The approved German-language datasheet was translated and interpreted by technical meaning.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

194X Wehrmacht Rohren

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

194X WEHRMACHT ROHREN

Section 1 · Triode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	4 V	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode voltage	400 V	—