



ELECTRONIC TUBE REFERENCE

DC41W

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

German combined diode-triode receiving valve with published operating data and limiting ratings for detector and amplifier service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.2 V / 25 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	15000 Ω
TRANSCONDUCTANCE	0.00085 S
AMPLIFICATION FACTOR	13
MAXIMUM PLATE VOLTAGE	135 V
MAXIMUM PLATE DISSIPATION	0.4 W
MAXIMUM CATHODE CURRENT	3 mA
<i>Lorenz DC41W directly heated oxide-cathode driver triode (Treiberröhre), not a diode-triode. Maximum plate voltage 135 V, plate dissipation 0.4 W and cathode current 3 mA. Published operating points include 120 V anode, -5 V grid, 2 mA anode current, or 90 V, -3.45 V, 1.5 mA. Typical amplification factor 13, gm 0.85 mA/V and plate resistance 15 kΩ; interelectrode capacitances specified.</i>	

DC41W: combined diode-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	1.2 V	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode voltage	135 V	—
Maximum cathode current	3 mA	—