



ELECTRONIC TUBE REFERENCE

E428

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

High-gain indirectly heated triode for resistance-coupled amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 1 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	11500 Ω
TRANSCONDUCTANCE	0.0024 S
AMPLIFICATION FACTOR	28
MAXIMUM PLATE VOLTAGE	200 V
High-gain indirectly heated triode for resistance-coupled amplification	

E428 is a high-gain indirectly heated triode for resistance-coupled amplification. The supplied Philips datasheet was read for heater data, construction, ratings, characteristic constants, operating conditions, and capacitances where published.

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical plate current	6 mA	V _a =200V
Grid bias	-3.5 V	V _a =200V

TUBE TINKER

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