



ELECTRONIC TUBE REFERENCE

DC2200

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Philips directly heated high-vacuum full-wave rectifier for power supplies. Its 40 V filament construction provides approximately 100 mA rectified DC output, with transformer and operating conditions defined by the manufacturer.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	40 V / 2.2 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
NOMINAL OUTPUT CURRENT	100 mA
Rectifier section; ratings and characteristics extracted from source datasheet.	

SECTION2 Rectifier	
NOMINAL OUTPUT CURRENT	100 mA
Second physical rectifier section; electrical properties populated from applicable published ratings.	

Philips directly heated high-vacuum rectifier intended for full-wave power-supply service. The datasheet provides heater requirements, permissible transformer/anode voltages, rectified-current data, and rectifier operating characteristics.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips 0-D

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

1999 PHILIPS 0-D

Section 1 · Rectifier

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
BilEtriciung ln Sendern un Stromes darf	100 mA	Published datasheet condition
Heizspannung oveeeeeeeenaanann Vi,	40 V	Published datasheet condition
2 ee e eienenenenns Iy	2.2 A	Published datasheet condition
Gleichspannung – ovvviiin VvV,	2000 V	Published datasheet condition
2400	100 mA	Published datasheet condition
T Grosster Kolbendurchmesser d	75 mm	Published datasheet condition
Grosster Gesamtdurchmesser	110 mm	Published datasheet condition
Gesamtlinge ..., [	190 mm	Published datasheet condition

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Effektive Anodenwechselspannung max.. V. = 2 X	1825 V	Published datasheet condition

1999 PHILIPS 0-D

Section 2 · Rectifier

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
BilEtriciung ln Sendern un Stromes darf	100 mA	Published datasheet condition
Heizspannung oveeeeeeeenaanann Vi,	40 V	Published datasheet condition

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
2 ee e eiienenenns Iy	2.2 A	Published datasheet condition
Gleichspannung – ovvviiin VvV,	2000 V	Published datasheet condition
2400	100 mA	Published datasheet condition
T Grosster Kolbendurchmesser d	75 mm	Published datasheet condition
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