



ELECTRONIC TUBE REFERENCE

1817

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Philips directly heated full-wave high-vacuum rectifier for AC mains receiver power supplies. Its heavy filament and dual-anode construction support comparatively high-current B-plus supplies.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Rectifier

NOMINAL OUTPUT CURRENT	300 mA
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Directly heated full-wave high-vacuum rectifier for AC mains receivers.

SECTION2 Rectifier

NOMINAL OUTPUT CURRENT	300 mA
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Second physical rectifier section; electrical properties populated from corresponding identical section.

1817 is a Rectifier device in the supplied Philips literature. Directly heated full-wave high-vacuum rectifier for AC mains receivers.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Philips Miniwatt Vacuum Tube Catalog

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

1938 PHILIPS MINIWATT VACUUM TUBE CATALOG

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum AC no-load voltage per plate	350 V	FullWave
Maximum DC output current	300 mA	FullWave

1938 PHILIPS MINIWATT VACUUM TUBE CATALOG

Section 2 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum AC no-load voltage per plate	350 V	FullWave
Maximum DC output current	300 mA	FullWave



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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	40 V	Nominal

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater current	4 A	Nominal
Rectified current	300 mA	Maximum

1999 PHILIPS 0-D

Section 2 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	40 V	Nominal
Heater current	4 A	Nominal
Rectified current	300 mA	Maximum