



ELECTRONIC TUBE REFERENCE

6184

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

National Union indirectly heated dual-diode rectifier for low-current electronic power supplies. Its compact heater-cathode construction provides conventional full-wave rectification with relatively low forward drop.

GENERAL CHARACTERISTICS

BASE DESIGNATION	8EH	BASE PINS	8
NOMINAL HEATER	6.3 V / 150 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	450 V
NOMINAL OUTPUT CURRENT	20 mA
PEAK FORWARD CURRENT	50 mA
FORWARD VOLTAGE DROP	5 V
<i>Promoted ratings/characteristics read from the approved National Union datasheet.</i>	

SECTION2 Rectifier	
PEAK INVERSE VOLTAGE	450 V
NOMINAL OUTPUT CURRENT	20 mA
PEAK FORWARD CURRENT	50 mA
FORWARD VOLTAGE DROP	5 V
<i>Second physical rectifier section; electrical properties populated from applicable published ratings.</i>	

National Union 6184 dualdiode vacuum tube described in the approved datasheet for its stated amplifier, rectifier, indicator, or specialized electronic service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X General Electric Essential Characteristics

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

195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DC output current	20 mA	FullWave
Peak inverse voltage	450 V	FullWave
RMS supply voltage per plate	200 V	FullWave
Peak current per plate	50 mA	FullWave

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Tube voltage drop	5 V	At8mA

195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 2 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DC output current	20 mA	FullWave
Peak inverse voltage	450 V	FullWave
RMS supply voltage per plate	200 V	FullWave
Peak current per plate	50 mA	FullWave

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Tube voltage drop	5 V	At8mA

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

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