



ELECTRONIC TUBE REFERENCE

263A

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Full-wave argon-filled rectifier using two anodes and a common oxide-coated cathode. Designed for low-voltage DC supplies requiring stable output over a broad temperature range, each rectifier section supports substantial peak current.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	2
NOMINAL HEATER	2.5 V / 15 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	100 V
PEAK FORWARD CURRENT	6 A
FORWARD VOLTAGE DROP	8 V
Representative row for two identical rectifier paths sharing a common cathode. Source gives 100 V maximum continuous/peak potential between electrodes and 6 A maximum peak plate current.	

SECTION2 Rectifier	
PEAK INVERSE VOLTAGE	100 V
PEAK FORWARD CURRENT	6 A
FORWARD VOLTAGE DROP	8 V
Second physical rectifier section added for full-wave/double-anode structure.	

Full-wave thermionic argon-filled rectifier using two anodes in one bulb and a common oxide-coated cathode, intended for low-voltage DC supplies requiring stable output over a wide ambient-temperature range.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

2026 Western Electric 200s

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

2026 WESTERN ELECTRIC 200S

Section 1 · Rectifier

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
AnodeCathodeVoltageDrop	8 V	Approximate

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Peak Plate Current	6 A	—
MaximumPotentialBetweenElectrodes	100 V	—
RequiredHeatingTime	120 s	—
LoadCurrent	4 A	SinglePhaseDoubleHalfWave;1Tube;LoadPotential=25V
LoadCurrent	10 A	ThreePhaseY;3Tubes;LoadPotential=40V

2026 WESTERN ELECTRIC 200S

Section 2 · Rectifier

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
AnodeCathodeVoltageDrop	8 V	Approximate
AnodeCathodeVoltageDrop	8 V	Approximate

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Peak Plate Current	6 A	—
Maximum Peak Plate Current	6 A	—
MaximumPotentialBetweenElectrodes	100 V	—
MaximumPotentialBetweenElectrodes	100 V	—
RequiredHeatingTime	120 s	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RequiredHeatingTime	120 s	—
LoadCurrent	4 A	SinglePhaseDoubleHalfWave;1Tube;LoadPotential=25V
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TUBE TINKER

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