



ELECTRONIC TUBE REFERENCE

CV3815

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Hot-cathode full-wave xenon-filled rectifier for high-current power supplies. Rated for approximately 725 V peak inverse voltage, 500 mA DC output, and 4 A peak current per documented rectifier section.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.5 V / 6.25 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	725 V
NOMINAL OUTPUT CURRENT	500 mA
PEAK FORWARD CURRENT	4 A
WARM-UP TIME	20 s
Two identical rectifying anodes share the directly heated filament/cathode; one representative section row emitted.	

SECTION2 Rectifier	
PEAK INVERSE VOLTAGE	725 V
NOMINAL OUTPUT CURRENT	500 mA
PEAK FORWARD CURRENT	4 A
WARM-UP TIME	20 s
Second physical rectifier section; electrical properties populated from applicable published ratings.	

Hot-cathode full-wave xenon-filled rectifier rated to 725 V peak inverse voltage and 4 A peak anode current per anode. Explicit equivalent/service designation printed in approved source.

SOURCE OPERATING CONDITIONS

1971 English Electric Valve

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

1971 ENGLISH ELECTRIC VALVE

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament voltage	2.5 V	—
Filament current	6.25 A	—
Minimum filament heating time	20 s	—
Peak anode current per anode	4 A	—
Mean anode current per anode	500 mA	4.5 s averaging

1971 ENGLISH ELECTRIC VALVE

Section 2 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament voltage	2.5 V	—
Filament current	6.25 A	—
Minimum filament heating time	20 s	—
Peak anode current per anode	4 A	—
Mean anode current per anode	500 mA	4.5 s averaging

TUBE TINKER

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