



ELECTRONIC TUBE REFERENCE

ESU77

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

High-vacuum half-wave rectifier with thoriated-tungsten filament for very-high-voltage supplies. Its heavy filament and roughly 60 kV inverse-voltage capability suit specialized industrial systems.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 12 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	60000 V
PEAK FORWARD CURRENT	1.1 A

High-voltage high-vacuum half-wave rectifier with thoriated-tungsten filament.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 AEI Industrial Valves

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

1961 AEI INDUSTRIAL VALVES

Section 1 · Rectifier

CONSTRUCTION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode material	Tantalum	—

TUBE TINKER

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and their source documents.

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