



ELECTRONIC TUBE REFERENCE

460BU

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Cossor heavy-duty full-wave power rectifier for substantial industrial power conversion. Its unusually heavy filament requirements indicate high-current service beyond ordinary receiver rectifiers.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Rectifier

No fixed ratings recorded.

Published ratings/characteristics promoted from the approved datasheet.

SECTION2 Rectifier

No fixed ratings recorded.

Second physical rectifier section; electrical properties populated from corresponding identical section.

460BU: Cossor power-supply rectifier. The complete Cossor sheet was read for construction, technical data, operating recommendations, and application notes.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1936 Cossor Valve Manual

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

1936 COSSOR VALVE MANUAL

Section 1 · Rectifier

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	4 V	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode voltage	0 V	—

1936 COSSOR VALVE MANUAL

Section 2 · Rectifier

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	4 V	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode voltage	0 V	—

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

193X Cossor

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

193X COSSOR

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament/Heater Voltage	25 V	Published technical-data value
Filament/Heater Current	50 A	Published technical-data value

193X COSSOR

Section 2 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament/Heater Voltage	25 V	Published technical-data value
Filament/Heater Current	50 A	Published technical-data value