



ELECTRONIC TUBE REFERENCE

7030

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Directly heated high-vacuum industrial rectifier for high-voltage, high-current supplies. Rated for approximately 30 kV peak inverse voltage and 6 A nominal rectified output for demanding industrial applications.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	13 V / 36 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
MAXIMUM PLATE DISSIPATION	2500 W
PEAK INVERSE VOLTAGE	30000 V
NOMINAL OUTPUT CURRENT	6 A
PEAK FORWARD CURRENT	20 A
<i>Published ratings and characteristics promoted where applicable; remaining useful published values retained as parameters.</i>	

7030: Central Electronic Manufacturers high-vacuum rectifier with published electrical ratings and operating data. The complete approved datasheet was read semantically, including specifications, maximum ratings, operating conditions, cooling requirements and characteristic data where published.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Central Electronics

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

195X CENTRAL ELECTRONICS

Section 1 · Rectifier

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament voltage	13 V	—
Filament current	36 A	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate/anode dissipation	2500 W	—
Maximum peak inverse voltage	30000 V	—
Maximum peak anode current	20 A	—
Average anode current	6 A	—
Required cooling air flow	150 cfm	—