



ELECTRONIC TUBE REFERENCE

GLE13000156

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Mercury-vapor half-wave rectifier for high-voltage industrial power conversion, using low arc voltage to provide efficient current handling in substantial DC supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 7 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	13000 V
NOMINAL OUTPUT CURRENT	1.5 A
PEAK FORWARD CURRENT	40 A
FORWARD VOLTAGE DROP	12 V
WARM-UP TIME	10 s

Single-anode mercury-vapor rectifier tube for high-voltage installations, intended for vertical mounting with the base downward.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Siemens

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

1963 SIEMENS

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum operating frequency	150 Hz	—
Surge current	40 A	0.1 s
Preheat time after transport	30 min	AfterTransport

TUBE TINKER

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