



ELECTRONIC TUBE REFERENCE

GL393A

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

THYRATRON

Argon/mercury-vapor thyatron for regulated-rectifier circuits, providing stable control characteristics over a wide temperature range.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	2.5 V / 7 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 0 Thyatron	
MAXIMUM PLATE VOLTAGE	1250 V
MAXIMUM CATHODE CURRENT	1.5 A
PEAK INVERSE VOLTAGE	1250 V
Thyatron section; peak forward/inverse anode ratings and average anode current promoted.	

The GL-393-A is a thyatron for regulated-rectifier circuits using an argon and mercury-vapor gas mixture to provide stable characteristics over a wide temperature range.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 0 · Thyatron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Instantaneous Anode Current 25 Cycles and Above	6 A	—
Surge Anode Current	55 A	DesignOnly

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak Voltage Drop	15 V	Approximate

TUBE TINKER

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