



ELECTRONIC TUBE REFERENCE

GL3C23

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Gas-filled grid-controlled thyatron for controlled rectification, relay, industrial control, oscillator, or pulse-switching service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
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
<i>Negative-control thyatron; peak forward/inverse anode ratings and average anode current promoted.</i>	

The GL-3C23 is a negative-control thyatron for regulated-rectifier circuits using inert gas and mercury vapor for stable control characteristics.

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	—
Instantaneous Anode Current Below 25 Cycles	3 A	—
Surge Anode Current	55 A	DesignOnly