

ELECTRONIC TUBE REFERENCE

EN31

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Gas-filled thyatron for high-frequency time-base and control equipment. Controlled discharge supports relaxation timing, triggering, and electronic switching.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 1.3 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Thyatron	
MAXIMUM PLATE VOLTAGE	1000 V
MAXIMUM CATHODE CURRENT	750 mA
Gas-filled thyatron; pulse and frequency ratings retained as parameters.	

Gas-filled thyatron for high-frequency time-base and control equipment.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1951 Mullard Valve and Service Manual

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

1951 MULLARD VALVE AND SERVICE MANUAL

Section 1 · Thyatron

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Gas filling	Gas	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak anode-cathode voltage	1500 V	Pulse
Maximum operating frequency	150 kHz	—

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Half-wave rectifier service	Published	—