ELECTRONIC TUBE REFERENCE

3G25

Specialized - Thyratron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
THYRATRON

Gas-filled grid-controlled thyratron for switching, controlled-rectifier, relay, motor-control, oscillator, or pulse service as documented by the manufacturer.

General characteristics

BASE DESIGNATION	—	BASE PINS	3
NOMINAL HEATER	5 V / 14 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

Section ratings

SECTION1 Thyratron	
MAXIMUM PLATE VOLTAGE	26000 V
MAXIMUM CATHODE CURRENT	2.5 A
Mercury-vapor thyratron; canonical SectionType has no Thyratron value, so Other is used.	

A directly heated mercury-vapor thyratron with control grid, intended primarily for high-voltage half-wave rectification and also for switching and control in industrial regulating equipment.

SOURCE OPERATING CONDITIONS

1953 RFT Rundfunk Technik

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

1953 RFT RUNDFUNK TECHNIK

Section 1 · Thyratron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum peak anode voltage	26 kV	—
Maximum cathode current	2.5 A	—
Maximum surge current	10 A	—
Maximum grid resistance	30 kOhm	—
Maximum positive grid voltage	600 V	—
Minimum negative grid voltage	600 V	—
Minimum warmup time	60 s	After transport

Tube Tinker

An independent reference for electronic tubes, vacuum tubes, and their source documents.

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