

ELECTRONIC TUBE REFERENCE

Z07100U

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Cold-cathode noble-gas power switching tube for controlled DC, AC, and pulse switching. Heaterless discharge handles substantial switched current.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Thyratron	
MAXIMUM PLATE VOLTAGE	700 V
Cold-cathode controlled gas switching system; striking, arc and pulse-current data published.	

Cold-cathode noble-gas power switching tube for controlled DC, AC and pulse switching service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

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 · Thyatron

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode ignition voltage	500 V	Published ignition value
Anode burning voltage	12 V	Published discharge voltage

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating voltage	500 V	Published operating value
Anode current	14.5 A	Published operating value
Maximum operating voltage	700 V	Published limit
Maximum anode current	2 A	Published limit

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