ELECTRONIC TUBE REFERENCE

Z1100U

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
THYRATRON

Cold-cathode noble-gas power switching tube for controlled DC or AC service. Heaterless discharge provides high-current electronic switching.

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	1000 V

Cold-cathode controlled gas switching system; striking, arc and pulse-current data published.

Cold-cathode noble-gas power switching tube for controlled DC or AC switching service.

SOURCE OPERATING CONDITIONS

1953 RFT Rundfunk Technik

SOURCE PDF

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

1953 RFT RUNDFUNK TECHNIK

Section 1 · Thyratron

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode ignition voltage	**500 V**	Published ignition value
Anode burning voltage	**15 V**	Published discharge voltage

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating voltage	**380 V**	Published operating value
Anode current	**1.5 A**	Published operating value
Maximum operating voltage	**1000 V**	Published limit
Maximum anode current	**2 A**	Published limit

Tube Tinker

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

Catalog Tube types Full books Blog Feedback & corrections

© 2026 Tube Tinker