

ELECTRONIC TUBE REFERENCE

ZC1060

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

THYRATRON

Subminiature cold-cathode trigger tube for very-high-peak-current capacitor-discharge switching. Heaterless gas discharge provides compact pulse-power control.

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
No fixed ratings recorded.
Subminiature cold-cathode trigger tube for very high peak-current capacitor-discharge switching

ZC1060 is a subminiature cold-cathode trigger tube for very high peak-current capacitor-discharge switching. The supplied Philips datasheet was read for operating principle, ignition and maintaining voltages, current limits, switching/counting behavior, and display characteristics where applicable.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips E-Z

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

1999 PHILIPS E-Z

Section 1 · Thyatron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode voltage	800 V	—
Minimum anode voltage	100 V	—
Peak cathode current	5000 A	—
Average cathode current	20 mA	Tav≤60s
Energy per discharge	60 J	—

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