

ELECTRONIC TUBE REFERENCE

ZC1050

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

THYRATRON

Ruggedized cold-cathode trigger tube with high light output for shift-register displays, combining electronic switching with visible indication.

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.
Ruggedized cold-cathode trigger tube with high light output for shift-register displays

ZC1050 is a ruggedized cold-cathode trigger tube with high light output for shift-register displays. 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
Anode supply voltage	300 V	—
Anode maintaining voltage	136 V	—
Cathode current	2 mA	—
Starter ignition voltage	180 V	—
Light output	0.3 lm	—

TUBE TINKER

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and their source documents.

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