



ELECTRONIC TUBE REFERENCE

Z3001

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

THYRATRON

Cold-cathode trigger tube for pulse and control circuits. Gas-discharge operation provides abrupt heaterless 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

SECTION 1 Thyatron

No fixed ratings recorded.

Cold-cathode trigger tube.

The Philips Z3001 is a cold-cathode trigger tube for relay, counting, welding-timer and power-switching circuits.

SOURCE OPERATING CONDITIONS

1957 Philips Receiving and Amplifying Tubes

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

1957 PHILIPS RECEIVING AND AMPLIFYING TUBES

Section 1 · Thyatron

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Ignition Voltage Typical	255 V	—
Starter Ignition Voltage Minimum	73 V	—
Starter Ignition Voltage Maximum	93 V	—
Burning Voltage	70 V	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak Anode Current	100 mA	—