

ELECTRONIC TUBE REFERENCE

Z71U

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIGGERPULSESWITCH

Cold-cathode trigger and pulse switching tube. Available source classification establishes gas-discharge trigger service without enough detail for a narrower operating description.

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 TriggerPulseSwitch
No fixed ratings recorded.
Subminiature cold-cathode trigger tube with two positive-voltage starters.

Z71U is a Other device. Subminiature cold-cathode trigger tube with two positive-voltage starters.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Philips Electron Tubes Handbook V2

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

1963 PHILIPS ELECTRON TUBES HANDBOOK V2

Section 1 · TriggerPulseSwitch

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Starter breakdown voltage at 130 V supply	73–90 V	—
Maximum starter transfer current	—100 uA	—
Anode-cathode breakdown voltage at starter 0 V	175— V	Minimum
Anode maintaining voltage at 5 mA	56–70 V	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode supply voltage range	125–165 V	—
Maximum anode supply voltage	—165 V	—
Maximum peak cathode current	—12 mA	—