

ELECTRONIC TUBE REFERENCE

7713

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIGGERPULSESWITCH

Cold-cathode gas-filled trigger tube for pulse and control circuits, explicitly co-designated with its corresponding Z-series type in Amperex documentation.

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.

Cold-cathode gas-filled trigger tube for pulse/control circuits; source explicitly co-designates the numeric and Z-series type.

7713 is a Other device in the supplied Amperex literature. Cold-cathode gas-filled trigger tube for pulse/control circuits; source explicitly co-designates the numeric and Z-series type.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Amperex Condensed

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

1963 AMPEREX CONDENSED

Section 1 · TriggerPulseSwitch

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode voltage range	180–350 V	DC
Peak cathode current	125 mA	—
Cathode current range	5–40 mA	DC
Anode voltage range AC	180–275 V	AC
Cathode current range AC	5–25 mA	AC

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Starter-to-cathode breakdown voltage	-131--115 V	—
Anode-to-cathode sustaining voltage	106–115 V	—
Anode-to-cathode breakdown voltage	>400 V	—

TUBE TINKER

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and their source documents.

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