

ELECTRONIC TUBE REFERENCE

ZC1010

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
RELAYCONTROL SWITCH

Subminiature cold-cathode glow-relay tube with two equivalent starter electrodes and auxiliary anode for counting, multivibrator, and relay-control circuits.

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 RelayControlSwitch
No fixed ratings recorded.

Subminiature cold-cathode glow-relay tube with two equivalent starter electrodes and an auxiliary anode for counting, multivibrator and relay-control circuits.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 AEG

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

1953 AEG

Section 1 · RelayControlSwitch

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Main-anode striking voltage minimum	370 V	StarterElectrodes0V
Main-anode striking voltage minimum	355 V	OneStarter150V
Main-anode striking voltage minimum	335 V	BothStarters150V
Main-anode maintaining voltage minimum	119 V	AnodeCurrent5mA
Main-anode maintaining voltage maximum	122 V	AnodeCurrent5mA
Starter striking voltage minimum	157 V	—
Starter striking voltage maximum	167 V	—
Starter maintaining voltage	128 V	StarterCurrent30uA
Auxiliary-anode striking voltage maximum	178 V	AverageIllumination
Auxiliary-anode striking voltage maximum	230 V	AbsoluteDarkness
Auxiliary-anode maintaining voltage maximum	165 V	AuxiliaryCurrent0.5uA

CONSTRUCTION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Construction	Subminiature cold-cathode glow relay	—

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

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