

Subminiature cold-cathode relay tube for timing and industrial electronics. Gas-discharge operation provides compact heaterless control 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

SECTION1 RelayControlSwitch
No fixed ratings recorded.

Subminiature cold-cathode relay tube for timing circuits and industrial electronics, with stable starter breakdown voltage and very low trigger current.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 Cerberus

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

1962 CERBERUS

Section 1 · RelayControlSwitch

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode breakdown voltage minimum	400 V	—
Starter breakdown voltage	120–145 V	StarterPositive
Keep-alive breakdown voltage maximum	180 V	—
Maintaining voltage A-K	105–117 V	5.5mA
Cathode current mean	5.5–12 mA	—
Trigger capacitor	470–5000 pF	—
Service life	25000 h	IK=9mA

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode supply voltage	250–350 V	—

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