

Cold-cathode relay tube for stable relay and timing control. Gas-discharge conduction provides repeatable 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

SECTION1 RelayControlSwitch
No fixed ratings recorded.

Cold-cathode relay tube with molybdenum cathode, starter input and keep-alive electrode for stable relay and timing control.

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	275 V	—
Starter breakdown voltage	110–125 V	StarterPositive
Keep-alive breakdown voltage maximum	220 V	—
Maintaining voltage A-K	103–110 V	2mA
Cathode current mean	1–5 mA	—
Starter current for direct control	0–5 mA	—
Starter current for capacitance control	0.0001–5 mA	—
Control capacitance	470–1000 pF	UA>=150V

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode supply voltage	150–250 V	—

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