

Cold-cathode high-current switching tube with starter control and auxiliary keep-alive anode, designed for very-high-peak-current pulse switching.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION0	SwitchingOther
MAXIMUM CATHODE CURRENT	4000 A
Cold-cathode switching/relay/display section; device-specific glow-discharge values preserved in parameter table.	

Cold-cathode high-current switching tube with starter control and auxiliary keep-alive anode for very high peak-current pulse switching.

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 0 · SwitchingOther

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Breakdown Voltage	1400— V	Starter connected to cathode through max 100 kOhm

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak Cathode Current	—4000 A	—
DischargeEnergy	—300 J	Per discharge
Anode Supply Voltage	—1200 V	—
AuxiliaryAnodeCurrent	—3 mA	—

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