

4 VALVE DATA PREFERRED TYPES

K GAS-FILLED TRIODES AND TETRODES

EN 31 Thyatron for use in H.F. time bases and control equipment

HEATER

V_h 6.3 V I_h 1.3 A

CAPACITANCES

C_{in}	6.1	$\mu\mu F$
C_{out}	4.2	$\mu\mu F$
C_{a-g}	2.3	$\mu\mu F$
C_{g-h}	< 1.5	$\mu\mu F$

OPERATING CONDITIONS

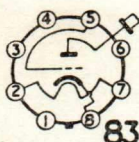
As triode

V_{a-g} (pk) max.	1,500	V
V_a (pk) max.	1,000	V
I_a max.	10	mA
I_a pk. max.	750	mA
R_g min.	750	Ω/V
R_g max.	0.75	M Ω
* V_{h-k} max.	100	V
Valve voltage drop	33	V
Control ratio	35	
Max. operating frequency	150	Kc/s

* Cathode always positive with respect to heater.

As half wave rectifier (grid connected to cathode)

V_a max.	350	V
I_{out} max.	40	mA
Min. limiting resistance	100	Ω
Max. reservoir capacitance	6	μF
V_{h-k} max.	100	V



BASE :
Octal

DIMENSIONS :
L=114 mm
D=42 mm

1267 Cold-cathode gas-filled triode

CHARACTERISTICS

Max. operating anode voltage (starter anode connected to cathode)	225	V
Min. starter anode-cathode breakdown voltage	70	V
Max. starter anode-cathode breakdown voltage	90	V
Max. starter anode current for anode breakdown ($V_a = 140$ V)	100	μA
Starter anode to cathode voltage drop	60	V
Anode to cathode voltage drop	70	V
Max. peak cathode current	100	mA
Max. D.C. cathode current	25	mA

BASE : Octal DIMENSIONS : L=100 mm D=31 mm

Cathode to Pin 2 Anode to Pin 5 Grid to Pin 7

