



Rectifier Type GXU3

General. The GXU3 is a xenon filled half-wave rectifier mounted on a G.E.S. base and with characteristics as given below.

APPROXIMATE DATA

V_f		4.0	V
I_f		11.0	A
$PIV_{(max)}$		13	kV
$I_{(surge)} (pk) (max)$	(a)	60	A
$I_a (pk) (max)$	(b)	6	A
$I_a (av)$	(b)	1.25	A
$I_a (av)$	(b) & (c)	1.5	A
T_{amb}		-55 to +70	°C
$t_{hk} (min)$		30	sec.
$f_{in} (max)$		150	c/s
$V_{a-f} (I_a=1.5A)$		13.0	V

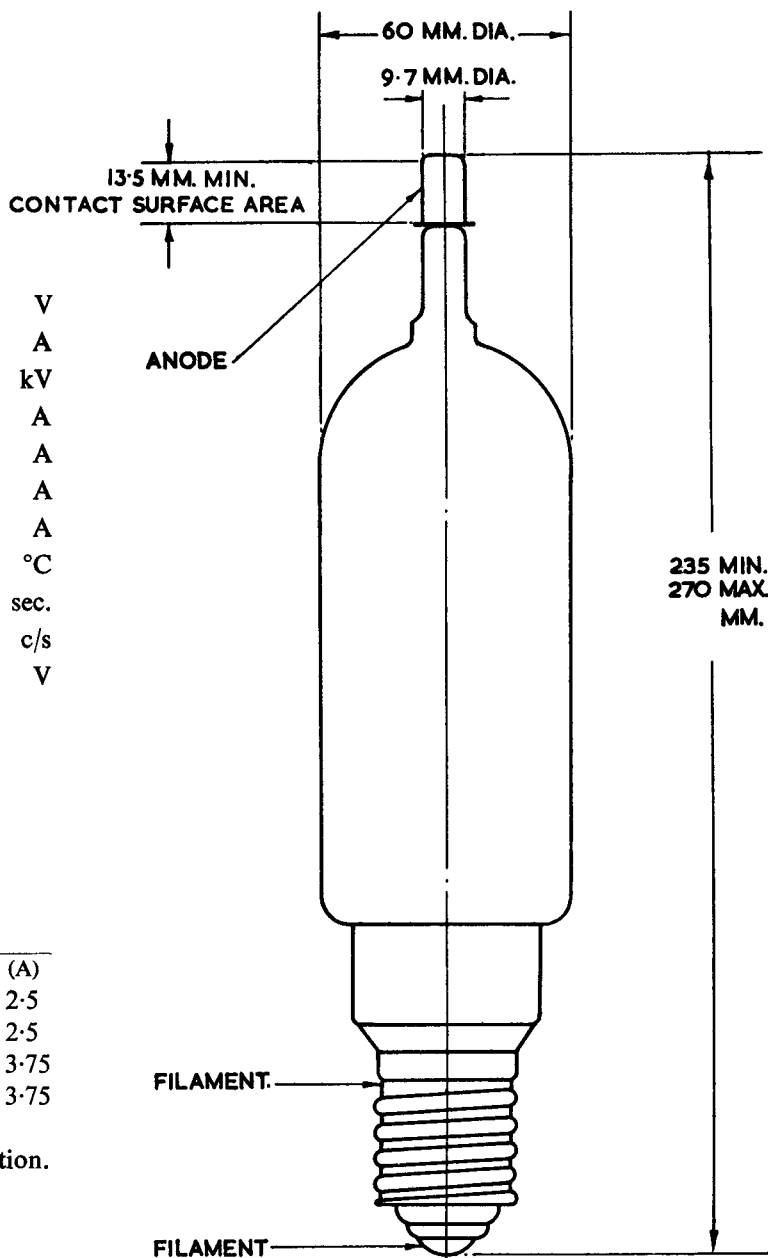
NOTES

- (a) Maximum duration 0.1 secs.
 (b) Maximum time of averaging 15 secs.
 (c) PIV up to 10 kV (max.)

OPERATING CONDITIONS

Circuit	No. of Valves	Full load DC output			
		(kV)	(A)	(kV)	(A)
Bi-phase half-wave	2	3	3	4	2.5
Single-phase full-wave	4	6	3	8	2.5
Three-phase half-wave	3	4.75	4.5	6	3.75
Three-phase full-wave	6	9.5	4.5	12	3.75

Mounting. This valve can be mounted in any position.



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