

ADMIRALTY SIGNAL & RADAR ESTABLISHMENT

Specification AD/CV212/Issue 2. Dated :- 8.1.46. To be read in conjunction with K1001.			<u>SECURITY</u> <u>Specn.</u> <u>Valve.</u> Restricted Restricted	
<u>TYPE OF VALVE:-</u> Gas gap for use as relay <u>CATHODE:-</u> Cold <u>ENVELOPE:-</u> Glass <u>PROTOTYPE:-</u> LS594			<u>MARKING</u> See K1001/4.	
<u>RATING</u>		<u>Note</u> A, B A, B	<u>BASE</u> Medium Edison Screw <u>Connections:-</u> Base Shell : Anode Base Button : Trigger Electrode Top Cap : Cathode	
Max. Striking Voltage (V)	160		<u>TOP CAP & DIMENSIONS</u> See page 2.	
Max. Voltage Drop at 0.5 A. (V)	110			
Max. D.C.D. Current (mA)	350			
<u>CAPACITANCES (pF).</u> Anode to cathode (trigger electrode earthed).	25 max			
<u>NOTES</u> A. 50 c/s A.C. B. These ratings apply to a two-electrode valve.				

TESTS

To be performed in addition to those applicable in K1001

	Test Conditions	Test	<u>Limits</u>		No. Tested	Note
			Min.	Max.		
a	50 c/s A.C. Voltage applied between anode and cathode.	Striking Voltage (V)	-	160	100%	
b	Applied A.C. Voltage adjusted to give a current of 0.5A. R.M.S. through the valve.	Voltage Drop (V)	-	110	100%	1
c		<u>Capacitances (pF).</u> Cac	-	25	6 per week.	2

NOTES

1. Dynamometer Type meters should be used for this test.
2. This test shall be carried out with the getters earthed.

