

VALVE ELECTRONIC CV1731

GENERAL POST OFFICE: E-IN-C (S)

(POSV2)

Specification: G.P.O./CV 1731/Issue 1 Dated: 15-7-46 To be read in conjunction with K 1001	<table> <tr> <th colspan="2"><u>SECURITY</u></th></tr> <tr> <td><u>Specification</u></td><td><u>Valve</u></td></tr> <tr> <td>Restricted</td><td>Restricted</td></tr> </table>	<u>SECURITY</u>		<u>Specification</u>	<u>Valve</u>	Restricted	Restricted
<u>SECURITY</u>							
<u>Specification</u>	<u>Valve</u>						
Restricted	Restricted						

—————> indicates a change

<u>TYPE OF VALVE:</u> Neon-filled voltage stabilizer <u>CATHODE:</u> Cold <u>ENVELOPE:</u> Unmetallised glass <u>PROTOTYPE</u> S 130			<u>MARKING</u> See K 1001/4		
<u>RATING</u>			Note A	<u>BASE</u> British 4 - pin (B4) <u>CONNEXIONS</u>	
Nominal striking voltage	(V)	160		<u>Pin</u>	<u>Electrode</u>
Nominal voltage drop	(V)	119		1	Anode
Max. anode current	(mA)	75		2	Cathode
Min. anode current to				3	No connection
maintain ionisation	(mA)	6.0		4	No connection
			<u>DIMENSIONS</u> See K 1001/A1/D1		
			<u>Dimension</u>	<u>Min.</u>	<u>Max.</u>
			A (mm)	-	123
			B (mm)	-	52
<u>NOTE</u> A. Measured with $I_a = 50 \text{ mA}$.					

TESTS

To be performed in addition to those applicable in K 1001

	TEST CONDITIONS	TEST	LIMITS		No. Tested	Note
			Min.	Max.		
(a)	Applied voltage adjusted to give $I_a=50\text{mA}$ through the valve	Voltage drop between anode and cathode (V)	115	123	100%	1

NOTE

1. The duration of test (a) shall be 2 minutes, during which time the voltage drop shall not vary by more than 1 volt.

An interval of not less than 3 minutes must elapse before Test (a) is applied. The duration of Test (a) shall be 2 minutes during which time the voltage drop shall not vary by more than 1 volt

SPECIFICATION CV1731

Issue No. 1 dated 15th July, 1946

AMENDMENT NO. 1

Page 2.

Note 1:- Amend to read:

An interval of not less than 3 minutes must elapse before Test (a) is applied. The duration of Test (a) shall be 2 minutes during which time the voltage drop shall not vary by more than 1 volt.

May, 1959
N.54857

G.P.O.