

SPECIFICATION CV1731

Issue No. 1 dated 15th July, 1946

AMENDMENT NO. 1

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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.

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	<u>SECURITY</u>	
	<u>Specification</u> Restricted	<u>Valve</u> Restricted

→ indicates a change

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