

Specification MAP/CV.434/Issue 1. Dated 1.3.50 To be read in conjunction with K.1001, excluding clause 5.2.	<u>SECURITY</u>	
	<u>Specification</u> RESTRICTED	<u>Valve</u> UNCLASSIFIED

→ Indicates a change

<u>TYPE OF VALVE</u> - Voltage Stabiliser <u>CATHODE</u> - Cold <u>ENVELOPE</u> - Glass, unmetallised <u>PROTOTYPE</u> - VX.370			<u>MARKING</u> See K.1001/4 <u>BASE</u> B8G See K.1001/ATV/D12.		
<u>RATINGS</u>		Note	<u>CONNECTIONS</u>		
Max. Striking Voltage (V) 117 Nom. Operating Voltage (V) 75 Max. Anode Current (mA) 60			Pin	Electrode	
			1 2 3	} Anode	
			4 5 6 7 8	} Cathode	
			<u>DIMENSIONS</u> See K1001/A1/D7		
			<u>Dimension</u>	<u>Min.</u>	<u>Max</u>
			B (mm)	-	29
			F (mm)	70	80

TESTS

To be performed in addition to those applicable in K.1001.

	Test Conditions	Tests	Limits		No. Tested	Note
			Min.	Max.		
a	Applied voltage increased from zero until current flows.	Striking Voltage (V)	-	117	100%	
b	Ia adjusted to 30mA.	Voltage Drop between Anode and Cathode (V)	70	80	100%	
c	Ia changed from 5-60mA.	Regulation (V)	-	5	100%	
d	Ia changed from 5-30mA.	Regulation (V)	-	3	100%	
e	<p>The valve is to be tested for freedom from noise during operation. For this purpose, a calibrated amplifier detector having a response within 2 db. of its response at 400 c.p.s. over the range of 50-5000 c.p.s. is to be connected between the Anode and Cathode. The Cathode current is to be varied slowly from 60 mA. to 5mA. and at no point in this range must the R.M.S. noise input voltage to the amplifier exceed 10 mV.</p>				100%	