VALVE ELECTRONIC C V 317

See K.1001/A1/D5.2

Specification MAP/CV317/Issue 3
Dated 19.1.49.
To be read in conjunction with K.1001
ignoring clauses: - 5.2, 5.8.

Security
Specification
Valve
UNCLASSIFIED

	Indica	tes a	change	titi tara tilanga pangana kara sa masa sa matanda sa		
TYPE OF VALVE - Half wave vacuum rectifier CATHODE - Indirectly heated ENVELOPE - Glass			MARKING See K1001/4 PACKING See K1005			
RATING			BASE B9G			
Heater Voltage (V) Heater Current (A) Max. applied R.M.S. voltage (kV) Max. no load peak inverse voltage (kV) Max. working peak inverse voltage (kV) Max. mean D.C. rectified current (mA) Max. peak anode current (mA) Max. reservoir condenser (µF) Min. limiting resistance introduced externally (ohms)	4.0 1.75 5.0 14.0 12.5 60 350 1.0		Pin 1 2 3 4 5 6 7 8 9 T.C.	Electrode H H + C H + C H H + C H H + C H + C H + C H + C H + C H + C A		
			DIMENSIONS See K.1001/A1/D2 TOP CAP			

NOTES

- A:- Heater voltage must be applied at least 1 minute before application of anode voltage.
- B:- All contacts in the valve holder must be connected including the sole plate which should be joined to cathode.

TESTS

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

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Clause	Test Conditions		Test		Limits		No.	
	Vh	Va			liin.	Max.	Tested	Note
а	4.0 AC or DC	<u>-</u>	I _h	(A)	1	2.0	100% or S	
b	4.0 AC or DC	60 D.C. max.	Ia	(mA)	80	-	10%	1
C	ent 60 condens effecti resists externs H.T. applied applica After a secs. to be swit	5.0 kV. RMS. 50 cps. DC load currant, reservoir ser 1.0 µF and twe series ance introduced ally 4000 ohms. voltage to be 1 min. after ation of Vh. a further 10 the H.T. shall tched three 5 secs on and off.	LOAD T Reject or per over.			100%		

NOTE

1:- Applied only for sufficient time to obtain steady reading.