VALVE ELECTRONIC **CV1263**

(NU8)

ADMIRALTY SIGNAL ESTABLISHMENT

Specification AD/CV1263/Issue 5. Dated 21.7.47. To be read in conjunction with K1001, ignoring clauses:- 5.2, 5.8 and 7.2.	**SECURITY** Specification: Restricted Valve: Unclassified

TYPE OF VALVE:- Half-Wave, Mercury-Vapour Rectifier.

CATHODE:- Directly Heated.

ENVELOPE:- Glass, Unmetallised.

PROTOTYPE:- RG1 - 125.

RATING

			Note
Filament Voltage	(V)	2.0	
Filament Current	(A)	5.0	
Max.Applied Va	(V,RMS)	1,250	
Max.Rectified Ia	(mA)	125	
Max.Peak Inverse Va	(V)	4,000	A
Max.Peak Ia	(mA)	600	

NOTE

A. At 150 c/s Max.

MARKING

See K1001/4.1.

BASE

Medium Edison Screw
See K1001/AIV/D13.2.

Pin	Electrode
Thread	Filament
Button	Filament
T.C.	Anode

TOP CAP

See K1001/AI/D5.4.

DIMENSIONS

See K1001/AI/D1.

Dimension	Min.	Max.
A mm	-	155
B mm	-	55

PACKAGING

See K1005.

TESTS

To be performed in addition to those applicable in K1001.

	Test Conditions	Test	Limits Min.	Limits Max.	No. Tested
a	Vf = 2.0 V	If (A)	3.0	5.5	100%
b	Valves to be tested in a bi-phase half-wave circuit. Vf = 2.0 V, Va = 1.5 kV R.M.S. at 50 c/s DC load (nominal) = 250 mA per pair. Run for one minute.	Load Test	Valves to be rejected for persistent flash-over.		100%