

ADMIRALTY SIGNAL ESTABLISHMENT

Specification AD/CVI400/Issue 3. Dated 22.7.47. To be read in conjunction with K1001.	<u>SECURITY</u> <u>Specn.</u> <u>Valve.</u> Restricted Unclassified
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<u>TYPE OF VALVE:-</u> Barretter.		<u>MARKING</u>		
<u>ENVELOPE:-</u> Glass, clear.		See K1001/4.		
<u>PROTOTYPE:-</u> C1C.		<u>BASE</u>		
		B4		
		See K1001/AIV/D5.1		
<u>RATING</u>		<u>Pin.</u>	<u>Electrode</u>	
		1	No Connection	
		2	No Connection	
		3	Filament	
		4	Filament	
		<u>DIMENSIONS.</u>		
		See K1001/AI/D1.		
		<u>Dimension</u>	<u>Min.</u>	<u>Max.</u>
Vf Range (V)		A mm	-	145
Nominal If (mA)		B mm	-	40
Range of If over above Vf range (mA)				
100 to 200				
200				
180 to 212				
		<u>PACKAGING</u>		
		See K1005.		
<u>Note</u>				

TESTS

To be performed in addition to those applicable in K1001.

	Test Conditions	Test	Limits		No. Tested
	V _f (V)		Min.	Max.	
	Before the tests are made the barretter shall be preheated for 5 minutes at 150 volts.				
a	100	If (mA)	180	-	5% or S
b	150	If (mA)	194	206	100%
c	200	If (mA)	-	212	5% or S