

Cold cathode devices

voltage reference tubes book 2 part 3

Type No.	Description	Maintaining Voltage (V)	Preferred Cathode Current (mA)	Max. Incremental Resistance (Ω)	Max. Voltage Jumps (mV)	V min. for Ignition (V)	Base
ZZ1000	Subminiature	80.1 to 81.9	3.0	—	—	120	Flying Lead
83A1	High performance	83 to 84.5	4.5	350	1.0	130	B7G
85A2 (CV449) § M8098 (CV4048)	Voltage reference	83 to 87	6.0	450	50	115	B7G

§ This is a Special Quality Type.

voltage stabiliser tubes

Type No.	Description	Nominal Maintaining Voltage (V)	Burning Current (mA)		Max. Regulation Voltage (V)	V min. for Ignition (V)	Base
			Max.	Min.			
75C1 § M8225 (CV4080)	Close tolerance	78	60	2.0	8.0	115 110	B7G
90C1 (CV5173)	Close tolerance	90	40	1.0	14	115	B7G
108C1 (CV1833) § M8224 (CV4028)	Low regulation voltage	108	30	5.0	3.5	133 130	B7G
150B2 (CV2225) § M8163 (CV4104)	Close tolerance	150	15	5.0	5.0	180	B7G
150C2 (CV1832)	General purpose	150	30	5.0	6.0	185	B7G
150C4 § M8223 (CV4020)	Close tolerance	150	30	5.0	5.0	185 165	B7G

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switching diodes

Type No.	Description	Ignition Voltage (V)	Maintaining Voltage (V)	Extinction Voltage (V)	Ik (mA)	Base
ZA1002	Neon filled subminiature switching diode with a large and stable difference between ignition and maintaining voltage	170	109	—	3.5	Flying Lead
ZA1004	Neon filled subminiature switching diode for use with control voltages $\geq 6V$	90	—	83.5	1.0	Flying Lead