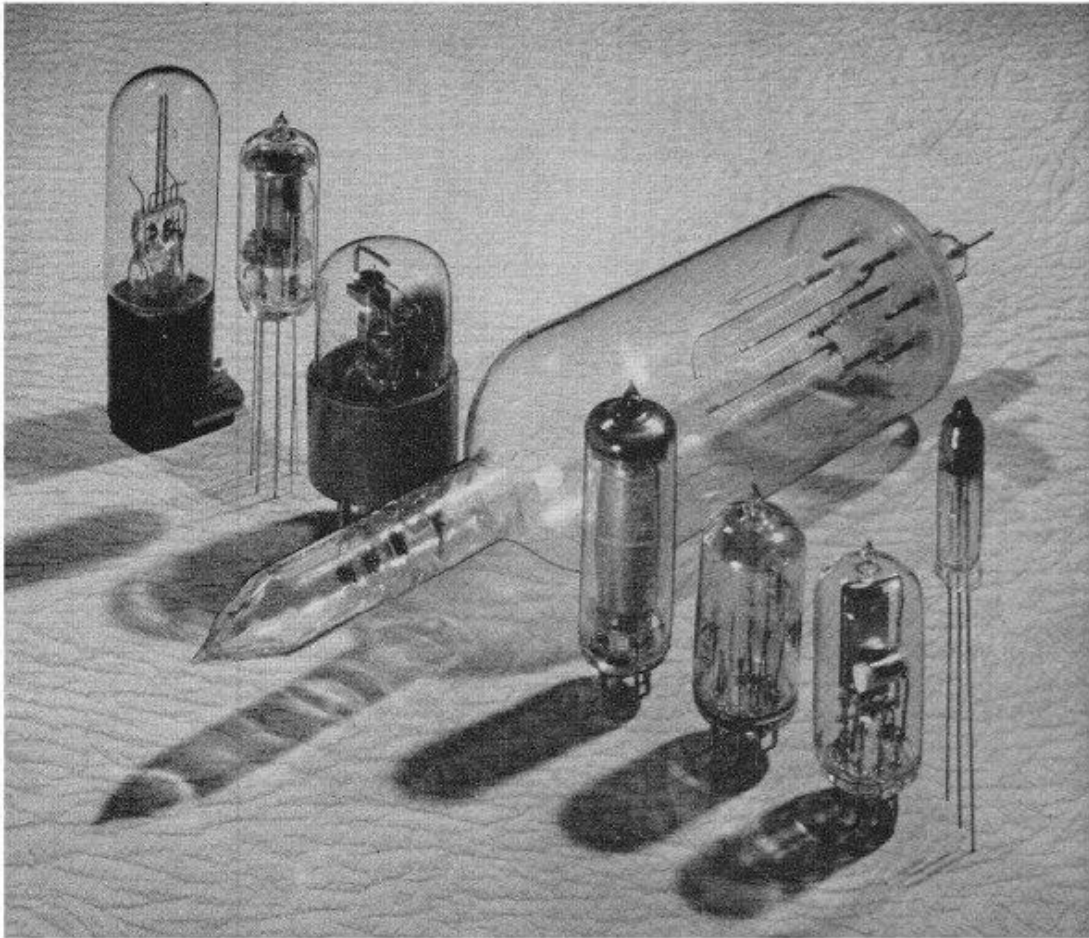


Miscellaneous Devices



Miscellaneous devices comprise:

Voltage stabilisers, both glow and corona discharge types (useful in conjunction with radiation monitor tubes).
Cold cathode trigger tubes.

Vacuum measuring devices including Pirani and Bayard Alpert gauges.

Xenon high intensity lamps for use in search-lights etc. and circuit lamps to compensate for voltage changes at constant current.

Xenon Lamps

Type	Rated power (kW)	Operating current (A)	Operating voltage (V)	Ignition voltage (kV)	Luminous flux (lm)	Arc length (mm)	Cooling	Overall length (mm)	Bulb diameter (mm)
F950	20	465	41,2/44,8	45	8×10^5	13 (cold)	Electrodes : water at 22,7 l/min. Bulb : air at 14,2 m ³ /min.	610	127
F951	2,2	100	20,5/24	20 to 30	8×10^4	4 (hot)	Axial air flow : 4,3 m ³ /min.	335	57
F952	20	468	41,2/44,8	45	8×10^5	12		480	127

Origin USA

Miscellaneous Devices

Thermal Delay Switches

Type	Alternative code	Delay time at 20 °C ambient		Heater supply, nominal		Contact ratings			Base	Class of switch (Note 1)
		min.	max.	(V)	(A)	Voltage before make (V)	(V)	Current after make (A)		
S107/1K		8	15	6,3	0,5	100	220	1	B7G	A
S207/3K		13	24	6,3	0,5	{ 240 500	{ 240 500	{ 1 0,2	B7G	B
S105/1K		20	30	27	0,115	100	220	1	B7G	A
S30/2K	6N030T	23	37	6,3	0,5	250	250	1	B9A	A
S104/1K		23	37	6,3	0,5	100	220	1	B7G	A
S104/2K		23	37	6,3	0,5	250	250	1	B7G	A
S204/2K		27	37	6,3	0,5	250	250	1	B7G	A
DLS10		30	90	4	1,5	{ 250 1 000	{ 250 1 000	{ 6 0,2	B4	D
DLS15		30	90	4	0,75	{ 250 1 000	{ 250 1 000	{ 5 0,1	B4	D
DLS16		30	90	6,3	0,48	{ 250 1 000	{ 250 1 000	{ 5 0,1	10-8	D
DLS24		30	90	6,3	0,5	{ 240 500	{ 240 500	{ 1 0,2	B7G	E
(Note 2)										
S108/1K		36	46	24	0,13	100	220	1	B7G	A
S103/1K		36	54	27	0,115	100	220	1	B7G	A
S106/1K		40	66	19	0,165	100	220	1	B7G	A
S102/1G		44	66	6,3	0,5	100	220	1	B7G/F	A
S102/1K	VLS631 SH342	44	66	6,3	0,5	100	220	1	B7G	A
S102/2K		44	66	6,3	0,5	250	250	1	B7G	A
S75/1K		65	85	30	0,1	100	220	1	B7G	A
S85/1K	6N090T	72	98	6,3	0,5	100	220	1	B9A	A
S109/1K		72	98	6,3	0,5	100	220	1	B7G	A

Origin GB

Note 1. Class of switch

A = Bimetal (active) strip heated by conduction of heat from heater through a ceramic cylinder. Switch incorporates device to compensate for ambient temperature variations. Contacts normally open.

B = Bimetal (active) strip heated by thermal radiation from incandescent heater. Switch incorporates device to compensate for ambient temperature variations. Contacts normally open.

C = Radiated heat from incandescent heater is conducted through ceramic tube to active strip. Contacts normally open.

D = Bimetal (active) strip heated by thermal radiation from incandescent heater. Contacts normally open.

E = Radiated heat from incandescent heater is conducted through ceramic tube to active strip. Switch is temperature compensated. Contacts normally closed.

Note 2

Reverse action switch. Contacts normally closed. Contact ratings refer to 'break' conditions.

Resistance Lamps

Type	Alternative code	Function	I (mA)	Operating conditions		Limit ratings		Base
				V (V)	R (Ω)	V (V)	P (W)	
B1C/1E	CV433	Ballast	880 to 1070	3 to 9,5				End caps
4006B	PO-1	Ballast	800 to 1050†	11 to 40†				Special
L100/1G		Tungsten filament circuit element	5/15	0,05/0,4		6		Flying leads
L102/2K	PO-16	Double filament protective device	20 60	2 14	100 235	85* 170†		B9A

* Filaments in parallel † Filaments in series

Origin GB