

Osram Valves

Made in England.



Maximum Dimensions :
Overall length (including pins)
105 m/m.

Diameter of bulb 42 m/m.

TYPE HL2

H.F., DETECTOR, AND L.F. AMPLIFYING TRIODE

(For use with a 2-volt Accumulator).

The OSRAM HL2 is a very efficient dull emitter valve for use with 2 volt accumulators, having a high value of "characteristic slope" or mutual conductance. In addition the HL2 is of extremely rigid construction, with a view to elimination of microphonic noise and acoustic reaction interference. For this reason the valve is strongly recommended as a Detector.

It may also be employed with success in the first stage of a Low Frequency Amplifier, where the relatively low Impedance and high Amplification factor mean good quality reproduction without loss of magnification, or in a High Frequency Amplifier where some form of stabilising or damping is used.

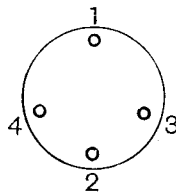
CHARACTERISTICS.

Filament Volts	2.0 max.		
Filament Current	0.1 amp.		
Anode Volts	150	125	100
Grid Volts	-3	-1.5	-1.5
(for operation in amplifier)			
Anode Current average	1.75 m.a.	2.3 m.a.	1.25 m.a.
Amplification Factor			27
Impedance			18,000 ohms.
Mutual Conductance			1.5 ma/volt
measured at Anode Volts 100			
Grid Volts 0.			

Interelectrode Capacities :-

Anode—Grid (others earthed)	4.0 micro-microfarad approx.
Grid—other electrodes	8.0
Anode—other electrodes	9.0

For prices see
pages 126-129.



View looking on
underside of base

BASE, 4-PIN.

- Pin 1 : Anode
- 2 : Grid
- 3 : Filament and Metallising
- 4 : Filament

Type HL2 is supplied with clear or metallised bulb, according to requirements.

TYPE L21

Maximum Dimensions :
Overall length (including pins)
105 m/m.

Diameter of bulb 42 m/m.

For prices see
pages 126-129.

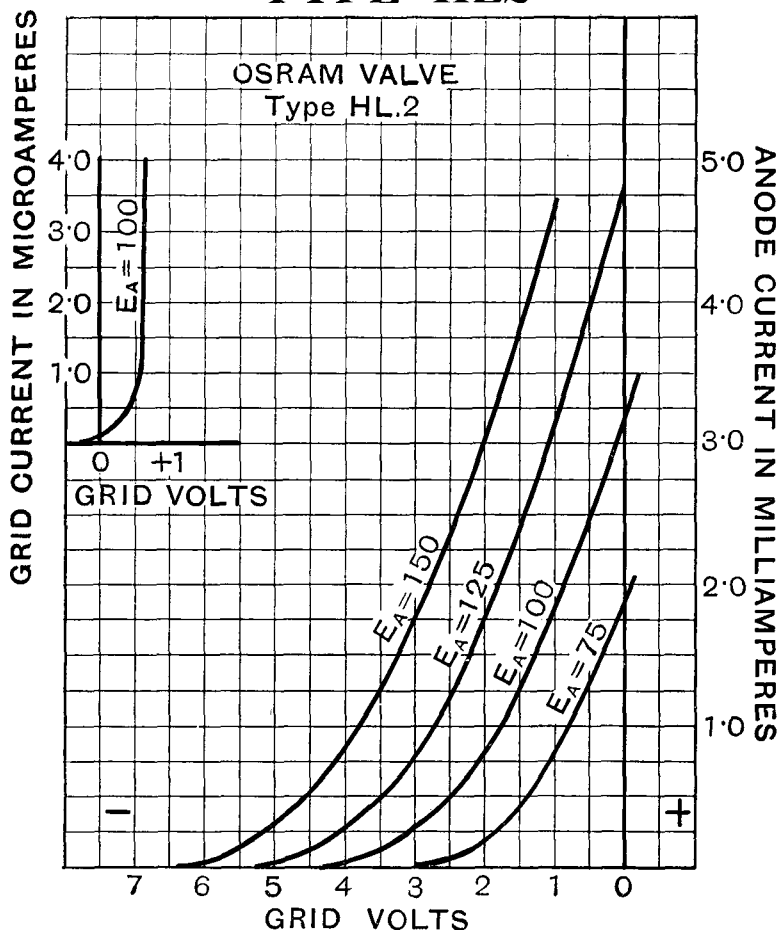
The OSRAM L21 is a triode for use with 2-volt accumulators, designed with characteristics specially suitable for efficient low frequency amplification particularly with a view to operation as the "driver" valve for the OSRAM B21 Class "B" Output Valve.

Type L21 may also be employed as a highly efficient oscillator in super heterodyne receivers, or as a Detector valve.

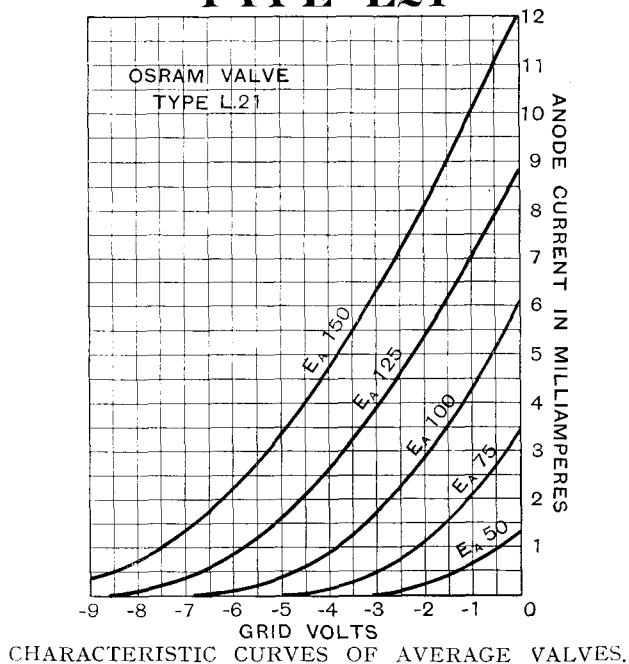
Base and pin connections as for type HL2.

Supplied in clear bulb only.

TYPE HL2



TYPE L21



CHARACTERISTIC CURVES OF AVERAGE VALVES.