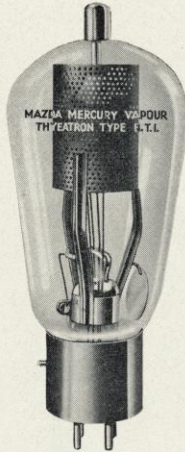


MAZDA

BT.1

Thyratron Valve



RATING.

Filament Volts	...	...	...	...	2.0
Filament Amps.	...	...	...	approx.	6.7
Max. Average Anode Amps.	...	...	...	...	0.15
Max. Peak Anode Amps.	...	...	...	...	0.75
Control Ratio	...	...	...	...	Negative

DIMENSIONS.

Maximum overall length	...	...	...	165 m.m.
Maximum diameter	...	...	...	64 m.m.

Price on application.

GENERAL.

The Mazda Thyratron Valve, Type BT.1, is a 3-electrode valve, with mercury vapour filling, possessing special characteristics enabling it to be used for a large variety of interesting applications.

For example, it will act as a relay, having the properties of virtually instantaneous make-and-break, coupled with an absence of moving contacts and requiring only a minute operating power.

A large number of special applications are based on the fact that a thyratron valve will rectify A.C. with the magnitude of the D.C. output under control by the potential of the grid.

In inverter circuits, the thyratron valve acts as a generator of low frequency A.C. from a D.C. supply.

A number of special circuits are being developed utilising thyratron valves. Write for special literature.

The thyratron valve is not suitable to replace valves in a radio receiver.



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