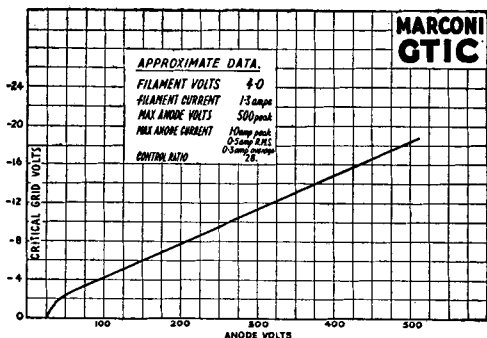


# Marconi GTIC

## Gas-filled Relay.

Marconi GTIC is an Argon filled relay capable of controlling currents up to 1 amp. (peak value).

Its design ensures constancy of operation under all variations of room temperature and a long life with freedom from clean-up.



5 pin base. Standard I.H.C. triode connections.

### Nominal Rating.

Heater voltage	...	...	...	...	...	4.0 min.
Heater current	...	...	...	...	...	1.3 amps.
Max. anode voltage	...	...	...	...	...	500 peak
Max. anode current	...	...	...	...	...	1.0 amp peak 0.5 amp. R.M.S. 0.3 amp. average
						Measured on M.C. meter.
Anode—cathode voltage drop	...	...	...	...	...	16
Control ratio	...	...	...	...	...	28
Cathode heating time	...	...	...	...	...	30 secs. min.

### Notes.

The impedance of the anode circuit should be such that the anode current can never exceed 1.0 amp. Special attention must be given to this point in circuits where the GTIC discharges a condenser.

1,000 ohms or more should be included in the grid circuit to limit the grid current but the grid circuit impedance should normally be kept low. An exception to this is the case where the grid is thrown highly negative immediately following the discharge. A high grid impedance is then necessary to protect the valve, but in no case should it exceed 1 megohm.

A large heater to cathode potential difference must be avoided and the two should where possible be connected together.

The de-ionisation time is from 10 to 1000 micro-seconds depending on circumstances.

Price - - 25/-