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Where hot cathode mercury vapour rectifiers are used under full load current, it is essential that a considerable delay should occur between the switching on of the rectifier cathode and the switching of the H.T. to the rectifier.

Ediswan Vacuum Thermal delay switches possess several important features which render them particularly suitable for this work. Operating in a high vacuum they not only remain unaffected by variations in climatic and local conditions (such as the proximity of large power valves), but the contacts keep entirely free from oxidation. Contact resistance is negligible and no arcing can occur. Operating time is variable and filament voltages of from 2 to 8 volts may be employed. Two types are at present available.

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