



1. Introduction and specifications.

1.1. General introduction.

The multi quench detector module is developed to detect and display a quench on four individual super conducting coils. The Quench detection is performed by comparing the upper and the lower voltage of a SC coil with mid point connection.

The multi quench detector module is supplied in a 2U 19" front plate intended to be mounted in a custom rack.

The only Connection needed is the connection to the SC coils, 24V AC supply voltage, a Reset Switch and if required the status lines for remote monitoring. The picture below indicates the connections.

