

- E. Either by high tensile screws and clamps or alternatively in the case of small telephone type conductors by solder tag connection.
- F. Terminal blocks shall be arranged to facilitate easy access to both terminals and wiring ends. Connections for outgoing circuits to auxiliary pilot cables shall be provided with test links.
- G. Removable rail terminals shall be provided for all wiring, mounted at an angle to provide ease of access. Centre-disconnecting link type terminals shall be provided for analogue signal circuits, external control devices and all alarm/telemetry signals. Sufficient, suitably sized earth terminals and end stops shall also be provided.
- H. The gap between gland plates and associated terminals shall be such that conductors can be safely manipulated and connected without damage. Terminals shall face the door of a cubicle for ease of connection.
- I. Barriers shall be provided on all terminal banks, to group terminals into logical divisions. Power terminals of different phases shall be separated from each other and separated from control terminals.
- J. In all cases care shall be taken to ensure that terminals are easily accessible after all wiring and plant cabling has been installed and terminated. All connections shall be made on the front of terminal blocks.
- K. No more than two conductors shall be connected to one side of a terminal. Outgoing cables shall be wired so that all assembly wiring is connected to one side only.
- L. The terminal numbers, voltage grouping and terminal block layout shall correspond precisely with wiring diagrams so that quick and accurate identification of wiring can be made.
- M. All terminals shall show the circuit wire number reference.
- N. A separate dedicated telemetry/RTU section shall be provided in the MCC cubicle equipped with all terminals duly wired and located in the side or on the top of the compartment interior leaving maximum room for free issued fully wired and tagged RTU complete with all associated hardware's on a mounting plate.
- O. MCC vendor to co-ordinate with RTU vendor through the contractor to confirm the size of free issued duly wired RTU on a backplane. MCC vendor shall install and complete interconnection wiring between the RTU and the MCC accordingly.