

- B. Bolts and nuts for cover fixing shall be captive and provided with protective washers to prevent damage to paintwork.
- C. Floor fixing bolts shall be manufactured from stainless steel Grade 316L.

1.3.11.15 Control Supply

- A. Unless specified otherwise control supplies shall be 110V ac. derived from a transformer within each cubicle/compartment of the assembly, fused on its primary and secondary windings with a removable neutral link in the secondary circuit.
- B. Auxiliary supplies such as 24 V AC/DC, 230 V AC etc. are specified in the relevant individual component's specifications.

1.3.11.16 Cubicle Heater

- A. Each compartment shall be provided with a separately fixed compartment heater rated 230 Volts AC. Apart from those in motor starter compartments the heaters shall be controlled by means of individual "OFF/AUTO" switches. Auto operation shall be by means of adjustable panel mounted humidistat covering the range of humidity envisaged. Each circuit shall be fused and powered from common supply tapped from the main bus in main Incomer section.

1.3.11.17 Future Extensions

- A. LV Assemblies shall be designed for ready extension at each end.

1.3.11.18 Busbars

- A. Electro tinned high conductivity 99.9% Copper, with a continuous current rating of specified amperes plus 20% at specified service conditions
- B. The mechanical and dielectric strength of bus bars and supports shall be capable of withstanding the worst conditions of electrical surge, which can occur in the installation
- C. Bus bars shall be fully insulated by using high temperature grade heat shrinkable Red/Yellow/Blue/Black colour PVC sleeve throughout its length or by means of providing secondary insulation. Moulded PVC shrouds shall be provided over joints.
- D. All three phases and a neutral busbars shall be of same size enclosed in a separate chamber. Earth busbar shall be of half the size of phase busbar running throughout its length.