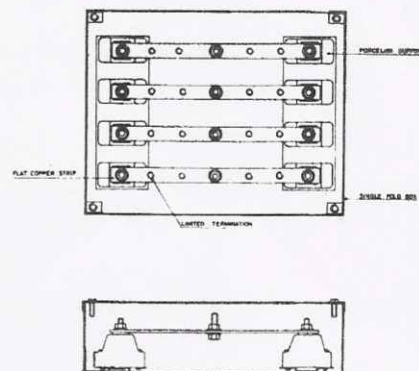
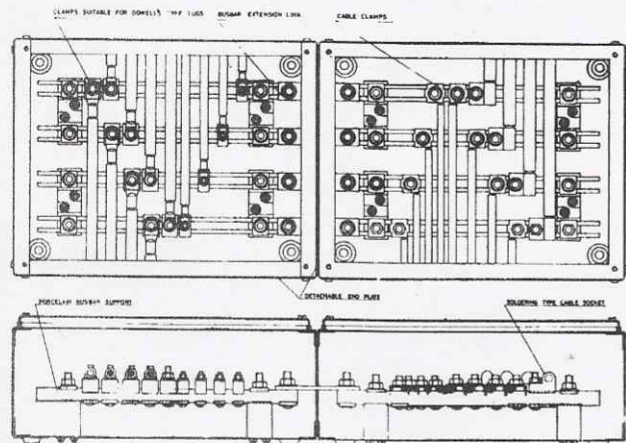
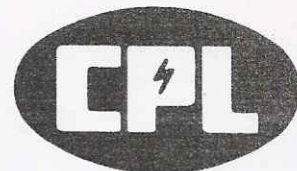


# BUSBAR CHAMBER DUAL TYPE



## CPL

1. Ample wiring space is provided.
2. The Busbar Box has a strong steel frame with all End plates detachable including top & bottom
3. Detachable Endplates enables all units to be extended by coupling to a second Busbar using extended sets
4. As the Busbar chamber has a strong steel frame CPL. Switchgear can be mounted above or below the Busbar. Also the Busbar could be mounted on a Pedestal or a load bearing angle frame.
5. The Busbars are rectangular electrolytic copper bars. The rectangular bar design enables cable clamps to be fitted without drilling holes.
6. For the termination to the Busbars different types of clamps & sockets are available which facilitates easy wiring to the wireman.
7. Cable clamps enable the wire stand to be directly connected to the Busbar. Cable sockets are of 3 types (a) Soldering type, (b) Suitable for dowells type lugs, (c) Suitable for flat type copper strip for the fuse switch to the Busbar (only above 400A). Both cable clamps & cable sockets could be sockets could be directly fitted to the copper busbars with the help of nuts & bolts.

## CONVENTIONAL

1. Wiring space is restricted.
2. The Busbar box is directly fabricated from Steel sheet and only top bottom End plates are detachable.
3. As the Endplates are fixed the Busbar cannot be extended and hence it has to be replaced by a bigger Busbar.
4. As the Busbar is made directly from Steel sheet, the mounting of Switchgear needs additional frame work which in turn has to be grouted in the wall.
5. The Busbars are flat copper strips. Drilling is a must when additional lines are to be taken. Due to drilling the current carrying capacity reduces.
6. In the conventional design only dowells type lugs could be used.
7. This type of facility is not available in the conventional type. Hence in case of nonavailability of dowells lugs the work is held up.