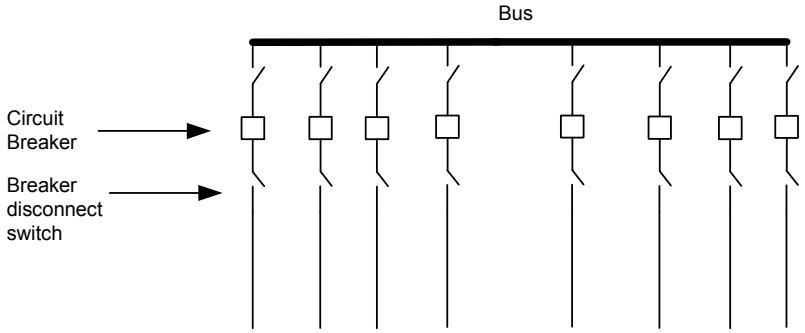8 Position Straight Bus Configuration