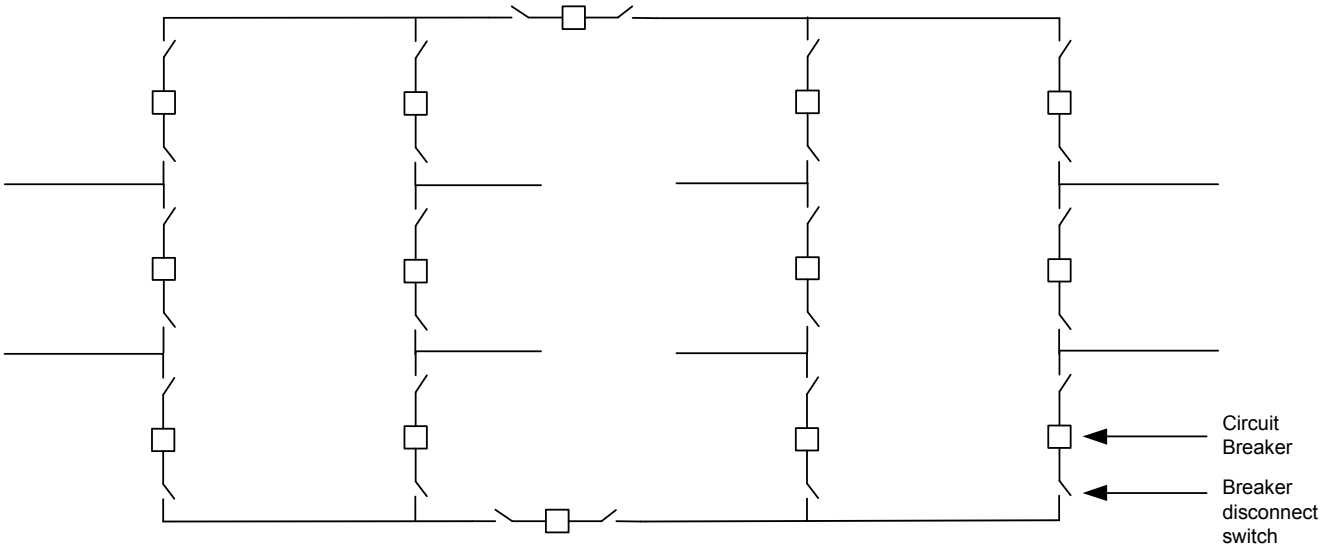8 Position Double Ring Bus Configuration