

HIGH CURRENT ELECTRICAL SWITCHING APPARATUS WITH POLES
INTERLEAVED AND MODULES JOINED BY INTERFERENCE FIT OF
JOINING BLOCK IN UNDERCUT GROOVES IN MOLDED CASINGS

ABSTRACT OF THE DISCLOSURE

Two molded case electrical switches such as circuit breakers, network protectors, disconnect switches and transfer switches, are secured together side-by-side by joining blocks having tongues extending along their sidewalls which engage undercutting grooves undercutting the irregular surfaces of the confronting sidewalls of the switch molded casings with an interference fit. Separate joining blocks for the front and rear sections of the molded casing are driven into place and retained by bolts engaging flanges on the molded casing. The poles are paralleled by external conductors in any desired configuration so that the standard switches can be used without customization.

Figure 1