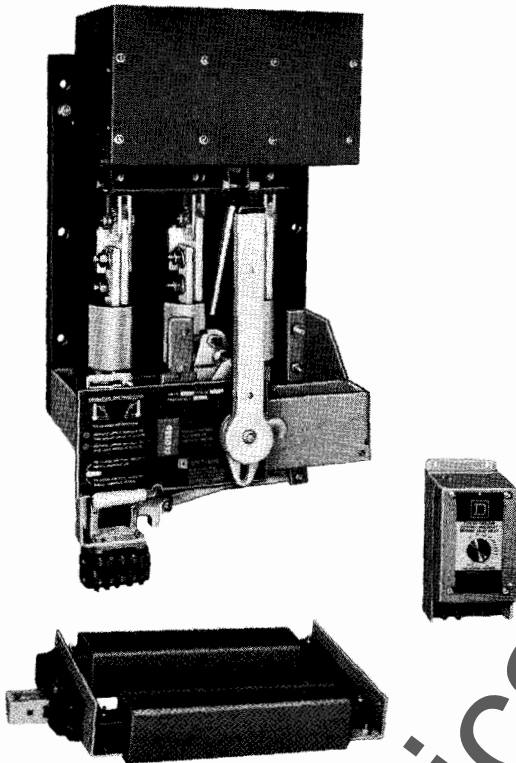


SUGGESTED  
SPECIFICATION FOR  
BOLTED PRESSURE CONTACT SWITCHES WITH  
GROUND FAULT PROTECTION



The (main switch) (main and branch switches) shall be of the fusible bolted pressure contact type with ratings as shown on the associated drawings.

Pressure contacts are to be made by firmly bolting blades to both top and bottom stationary contacts. The switches shall have quick-make and quick-break Kinematic-Action mechanisms, interphase barriers and arcing equipment.

Switches shall be manually operated and have an electric trip mechanism which is piloted by the output of ground fault sensing circuitry. Power for electric trip circuit shall be obtained from a control transformer connected from phase to phase on the load side of the switch. The electric trip coil shall be designed to operate at 55% of rated voltage.

In accordance with UL Subject 977 Appendix B, switches shall have an interrupting rating of 12 times continuous rating and have an operating mechanism that shall permit closure of the switch only after the opening mechanism has been charged, to assure that electrical tripping means shall immediately be in a condition to open the switch.

Switches shall be Bolt-Loc as manufactured by the Square D Company

UL  
LISTED  
NOW

CLASS 9810 TYPE BLO-34120 FORM E  
1200 ampere 480 volt, 3 pole switch with  
ELECTRIC TRIP MECHANISM. Associated  
Ground Fault Sensor and Relay are shown as  
separate items.