

PACS Industries, Inc.

PRODUCT DESCRIPTION

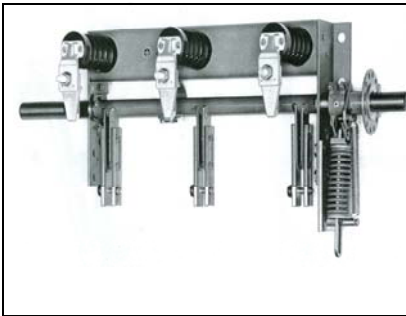
Grounding (Earthing) & Testing Methods

Several methods are available in switchgear manufactured by PACS Industries, Inc., to ground and test switchgear and circuits, through 38 kV.

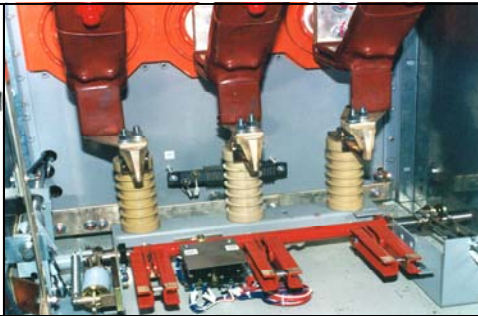


A continuous copper bus bar is run through all cubicles, generally terminating at both ends of the switchgear (or PCC control building) for connection to the customer's grid. The usual dimensions of the ground bus is 2" x 0.25" (49 mm x 6.125 mm). The drawout circuit breaker grounding bus bar is bonded to the grounding bus. Provisions are furnished for grounding of stress cones by the installer.

Ground Switches



Fault-make grounding switch



Grounding switch shown open on breaker.



Grounding switch shown closed on breaker.

Ground switches are available from PACS, to ground cable circuits or main bus circuits in switchgear. Switches are interlocked to operate only when the circuit breaker is in withdrawn position. Grounding switches are available to close into a fault. Grounding switches are commonly used for I.E.C. standards, and are also available for IEEE/ANSI standards. Type test data available to 38 kV.

Ground & Test Devices (Trucks)

PACS has available Ground & Test drawout trucks that are wheeled into a drawout cubicle for purposes of grounding or cable testing.

G & T Devices are available for cable testing only (3 bushing) or cable & main bus grounding (6 bushing).

Available as manually operated or electrically operated devices.



Typical G & T for 5 kV to 27 kV switchgear



34.5 kV Manual G & T



34.5 kV electrical G & T

Ground Lugs And Ground Cables Available.

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