

PRODUCT DESCRIPTION

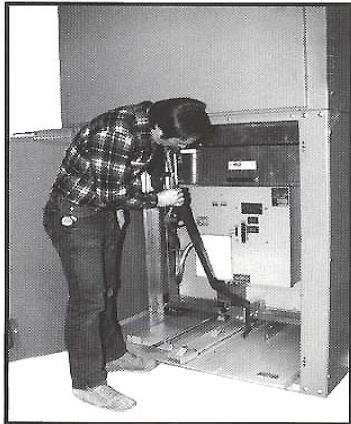


Fig. 1) View of insertion of circuit breaker into cell using a handle racking mechanism.

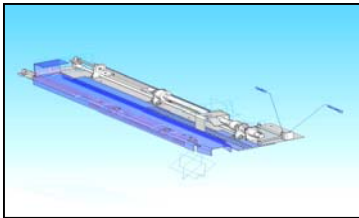


Fig. 2) Isometric of screw racking assembly that is installed into each circuit breaker cell.



Fig. 3) Highlighted view of racking mechanism installed into a circuit breaker cell.



Fig. 4) View of though-the-door screw racking mechanism being operated in front of cell.
Also available with motor operated remote racking.

SCREW RACKING MECHANISM CONVERSION KIT.

Many circuit breakers have been in safe operation for several decades using a handle racking mechanism to insert and withdraw circuit breakers in the 2400 Volt to 34.5 kV voltage range, as shown the Fig. 1 photo.

PACS has developed a screw operated racking mechanism to insert and withdraw circuit breakers, so that circuit breakers can be withdrawn with the doors closed. Racking handle mechanism operated through a hole in door. As in Fig. 4. All interlocks are maintained.

Operating the breaker through a closed door or remotely by a motor operator could improve the PPE protection rating, relaxing protective suit requirements.

PACS offers a field service for switchgear modification and installation of this product.

By offering this product PACS does not assume any degree of liability or responsibility for any OSHA or PPE, or customer safety issues. PACS warranty is limited to the Screw Racking mechanism installed by PACS and does not cover any existing switchgear or similar items.