

KEARNEY SIDEBUSTER™ FEATURES/BENEFITS

The Sidebuster is a distribution class, gang operated, factory unitized three phase overhead loadbreak switch. It offers a full ANSI rating for all distribution voltages through 38KV. The Sidebuster may be used for line sectionalizing, paralleling, by-passing, isolating or as a remote system when used in conjunction with a motor operator. Some of the main features of this switch include:



REVERSE LOOP CONTACTS

The reverse loop contacts were adapted from the KPF line tension switch and have been field proven for over 80 years. The reverse loop design allows for high contact pressure to be maintained under fault conditions. This feature prevents pitting and distorting of the switch blade and contacts even under severe momentary overload. (Reference attached Revloop.doc for more technical information)

RELIABREAK INTERRUPTER

The Reliabreak interrupter is a spring loaded interrupting device that utilizes the arc quenching Unikearn™ expulsion tube. This compact interrupter has been tested for over 5000 mechanical operations to ensure dependable service throughout its life at which point it can be easily replaced with a hot stick.

UPGRADEABLE

When ordered with provisions, the Sidebuster can be easily fitted with sensors and motor operator to be used in an automated environment. This feature allows for the utility to plan for the future without the high dollar price tag associated with integrated automated switches.

FLEXIBILITY

The Sidebuster is available in several mounting configurations; Horizontal upright, Riser pole application, Phase over phase and Triangular. These configurations will meet most application requirements for every utility. If a special configuration is needed, consult the factory.

SWITCH RATINGS

- 15, 25, and 38KV classification
- 40,000 amp momentary
- 600 and 900 amp continuous current
- 50 loadbreak operations @ 600 amps, 10 operations @ 900 amps.
- Three second short circuit rating of 25,000 amps.
- Fault close rating; 1 time @ 20,000 amps, 3 times @ 15,000 amps.
- 20,000 mechanical operations.
- 3/8" ice breaking capability.