The Cleaveland/Price Approach

Cleaveland/Price has a very basic approach to design... keep it simple. It is an approach that is employed from material selection to mechanical design.

The Cleaveland/Price V2-C disconnect switch current-carrying parts are manufactured from high-strength, high-conductivity copper. All switches are of non-cast design for superior dependability of parts. Switch performance is not compromised by flaws that could occur in the casting process.

V2-C Performance Features

- Unbreakable, non-cast copper terminal pads with three NEMA standard 4-hole patterns on each terminal end
- Fully insulated journal bearing that prevents current flow through the live operating linkage
- Unbreakable, non-cast operating crank
- High-conductivity copper current-carrying parts
- Reverse-loop contacts at the hinge and jaw with silver-to-silver contact surfaces
- Stainless steel contact springs insulated from the current path
- Double-sealed ball bearing rotating insulator bearing assembly
- Hot-dip galvanized double-channel base
- Superbly counterbalanced blades with stainless steel counterbalanced springs

V2-C Application

The Cleaveland/Price 4000A V2-C is a three-pole, group-operated, copper vertical break switch for high-current applications.

Accessories and options needed to adapt the switch to a customer’s particular requirements are available. The V2-C may be manually operated by use of a 40:1 wormgear mechanism or electrically operated by use of a Cleaveland/Price TP-C2 or TP-C3 motor operator.

The V2-C meets ANSI C37.30.1, NEMA, and IEEE Standards and the rating requirements of IEC Standards.
Type V2-C Switch

<table>
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<tr>
<th>Normal KV</th>
<th>Max KV</th>
<th>KV kV</th>
<th>Amp</th>
<th>Max. Momentary kA</th>
<th>Short-Time kA</th>
<th>Insulator TR Number</th>
<th>Switch Style Number</th>
<th>Wt./ Pole (lbs.)</th>
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<td>4000</td>
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Note: "X" and "Y" dimensions per customer requirements

Dimensions in Inches

C06B019G01 36.66 24 64 32 22 81.66 788
C06B019G02 42.66 30 74 42 32 97.66 963
C06B019G03 57.66 45 92 60 50 130.66 1144
C06B019G04 66.66 54 102 70 60 149.66 1200
C06B019G05 74.66 62 110 78 68 165.66 1305
C06B020 94.66 80 128.5 94 84 203.22 2040

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