Non-Interrupting Bypass Switch
REQUEST FOR QUOTATION

E-MAIL: sales@inertiaworks.com | FAX: (209) 931-8186

Make copies of this form to transmit your switch requirements. If you have a standard’s drawing, please send it along with this fax form.

Step 1. Voltage Class:
- 15kV
- 25kV
- 38kV

Step 2. Continuous current rating:
- 600A
- 900A
- 1200A

Step 3. Insulator type:
- Silicone
- Porcelain

Step 4. Interrupter type:
- ArcWhip (Default)
- AmpRupter™
- Dual AmpRupter™
- Dual ArcWhip
- None

Step 5. Crossarm type:
- None
- Galvanized Steel
- Fiberglass
- Aluminum

Step 6. Select the configuration (circle one):

- ONE POLE (10 FT ARM)
- TWO POLE (10 FT ARM)
- THREE POLE

- ONE POLE (76 IN. ARM)
- TWO POLE (H-FRAME)
- THREE POLE (H-FRAME)

Table 1: Minimum Phase Spacing [in.]

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<td>49.5</td>
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Step 7. Select Spacing:
- Standard
- Custom (Fill in Spacing Dimensions below using Table 1 and configurations in Step 6.)

Step 8. Select control mechanism:
- Hookstick
- Reciprocating (_vertical_)
- Torsional (horizontal_)

Step 9. Select control rod:
- Galvanized pipe: ¾” IPS galv. Pipe
- Fiberglass: 1” round

Step 10. Select control rod location (See Fig.1):

Step 11. Select control rod length:
- 10 ft.
- 20 ft.
- Other

Figure 1: Control Quadrants

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Step 12. Select additional accessories and modifications: (check off and write in)

- Source & Load Solid Blade Disconnects: [ ] Yes (Default) [ ] No
- Load/Source Disconnect Position (See Fig. 2): [ ] CW (Default) [ ] CCW [ ] N/A

- Left side phase mounting (Available on Configuration 1 & 4 only, see Fig. 3)
- Double crossarm base (See Fig. 4).
- Pole mounting bands; Specify pole diameter range: ____________________
- Substation mounting: Specify base mounting dimensions or furnish drawing.

- Terminals: [ ] Terminal paddle for fired wedge connectors ______________________ (specify size)
  - Terminals, 2-hole copper NEMA pad #2-500 kcmil (600 & 900 A switch) Specify: _________
  - Terminals, 4-hole copper NEMA pad 500-750 kcmil (1200 A switch) Specify: _________
- Terminals, other: ___________________ (specify size)

- Crossarm Braces: [ ] Galvanized Steel [ ] Fiberglass
- Grounding connector on crossarm, AWG range # 6 - 4/0 diameter
- Bonded handle
- ArmorGalv® AG3000 (Thermal Diffusion Galvanizing) ferrous component coating¹.

¹Ferrous components come Hot Dipped Galvanized (HDG) standard. ArmorGalv AG3000 Thermal Diffusion Galvanizing (TDG) offers increased corrosion resistance.