LineBOSS™
15 kV - 38 kV DISTRIBUTION SWITCH
REQUEST FOR QUOTATION
E-MAIL: sales@inertiaworks.com | FAX: (209) 931-8186

Company Name ____________________________
Address 1 ________________________________
Address 2 ________________________________
City __________________ State ______ Zip code ______

Contact Name ____________________________
Telephone Number _________________________
Facsimile Number _________________________
E-mail address ____________________________

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 ________ kV
Continuous current rating1: ________ A
Momentary current ________ kA

Step 2. Insulator type:
☐ Silicone  ☐ Porcelain  ☐ One BIL class higher?

Step 3. Interrupter type:
☐ ArcHorn  ☐ ArcWhip  ☐ AmpRupter™  ☐ AmpVac™ ‘V’

Step 4. Crossarm type:
☐ Galvanized steel  ☐ Fiberglass  ☐ Aluminum

Step 5. Select the configuration (circle one):

HORIZONTAL Upright Underarm
HORIZONTAL, Center mount
TAP SWITCH 1-Way 2-Way 3-Way
RISER
DELTA, Triangular/Pole top
VERTICAL Phase-over-phase
VERTICAL Tiered outboard

Step 6. Select Spacing:
☐ Standard  ☐ Custom (Fill in Spacing Dimensions below using configurations in Step 5.)
A” ________  “B” ________  “C” ________  “D” ________  “E” ________

Step 7. Select the control mechanism:
☐ Hookstick  ☐ Reciprocating ()  ☐ Torsional ()  Clockwise or Counterclockwise to open; viewed looking down on the handle.

Step 8. Select control mechanism quadrant (see fig. 1): ________

1 LineBOSS™ switches are ANSI rated switches. The LineBOSS™ Lx6xxxxx is rated 600 Amps continuous current per the ANSI C37.30 temperature rise test requirements, and for 900 Amp continuous current per the IEEE 1247 temperature rise test requirements. The LineBOSS™ Lx9xxxx is rated 900 Amps continuous current per the ANSI C37.30 temperature rise test requirements. The LineBOSS™ Lx1xxxx is rated 1200 Amps continuous current per the ANSI C37.30 temperature rise test requirements.

Momentary current ratings (10 cycle) are: 600 A (ANSI C37.30) = 40 kA  900 A (ANSI C37.30) = 51 kA  1200 A(ANSI C37.30) = 70 kA
Step 9. Select control rod:
- Galvanized pipe: 
  - ¾”
  - 1”
  - 1½”
- Fiberglass:
  - 1” round
  - 1¾” square
- other

Step 10. Select control rod length:
- 30 ft.
- 40 ft.
- other

Step 11. Select additional accessories and modifications (check off and write in)
- Provision for Neutral (4-wire)
- Pole mounting bands: Specify
- Substation mounting: Specify base mounting dimensions or furnish drawing.
- Surge Arrestor brackets:
  - Set of 3 arrestor brackets
  - Set of 6 arrestor brackets
- Extension links (package qty. of 6):
  - 6” Length EA
  - 14” Length EA
- Terminals:
  - Terminal paddle for fired wedge connectors
  - 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
- Sensor Brackets: 1 set of 3 brackets
- Current/Voltage Sensors: 3 each of . . .
- Current
- Voltage
- Current/Voltage
- Fiberglass section in pipe control rod:
  - 1” round fiberglass
  - 1¾” square fiberglass
- Station post insulator in control rod section
- Intermediate control rod guides:
  - Oval-eye Nuts
  - Swing-arm type
- Bonded handle:
  - Grounding connector on crossarm
  - AWG range
- Key Interlock - single key for circuit switching safety (“locked open”)
- Crossarm Braces:
  - Galvanized Steel
  - Fiberglass
- Double Lifting Point. (*Switches come standard with a single lifting point*).
- ArmorGalv® AG3000 (Thermal Diffusion Galvanizing) ferrous component coating

2 Torsional control rods available in 1-1/2” Galvanized Pipe Only.
3 Torsional: N.T.E 50’ max.
4 Ferrous components come Hot Dipped Galvanized (HDG) standard. Armorgalv AG3000 Thermal Diffusion Galvanizing (TDG) offers increased corrosion resistance.