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

Company Name
Contact Name
Address 1
Address 2
City State Zip code
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):

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.

*Note: Torsional control mechanisms are not available in all configurations. Please contact us to see if your specific design configuration(s) is available.

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

1 LineBOSS™ switches are ANSI rated switches. The LineBOSS™ Lx6xxxx 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™ Lx9xxxxx is rated 900 Amps continuous current per the ANSI C37.30 temperature rise test requirements. The LineBOSS™ Lx1xxxxx 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

Figure 1: Control Quadrants

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2.11
Step 9. Select control rod:
- Galvanized pipe: ¾”  1”  1½”  other________
- Fiberglass: 1” round  1½” 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 (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)
- 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  1½” 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.

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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. Amorgalv AG3000 Thermal Diffusion Galvanizing (TDG) offers increased corrosion resistance.