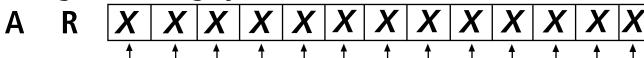


# Type AR (Automation-Ready) Switch

15kV, 27kV 34.5kV (Grd-Wye) or 38kV 900 Amperes Continuous/Interrupt For details on Motor Operated AR Switches, refer to catalog section 14C.

# **Catalog Numbering System**



#### Position 1:

1 = Standard Interrupter

### Position 2:

Configuration 1 = \*Horizontal

2 = Vertical

**3** = Ø-over-Ø

**4** = Delta 5 = Inverted Position 3:

Insulation, kV Impulse (maximum system kV)

1 = 110 porcelain (17.1kV)

3 = 110 polymer (17.1 kV)

4 = 150 polymer (29kV, No Restrictions)

6 = 150 polymer (34.5 kV)Grounded-Wye only)

7 = 150 polymer Long Leak 39.6" (34.5 kV, Grounded-

suffix after building a complete Catalog

Wye only)

8 = 200 polymer (38kV,No Restrictions)

<sup>‡</sup>To specify Offset Control, add 0116 as a

Position 4:

Crossarm/Interphase Shaft

S = Steel/Steel

F = Fiberglass/ **Fiberglass** 

**M** = Steel/Fiberglass

Position 5:

Standard Controls — Pipe sizes on drawings, pages 14A-4 thru -8 (All configurations)

S = All Steel Vertical Sections (Includes standard 28' pipe)

**F** = One Fiberglass Vertical Section

**H** = Vertical Controls replaced with Hook stick Operating Mechanism

Heavy-Duty Controls — 11/4" IPS (Vertical and Ø-over-Ø only)

T = All Steel Vertical Sections

**G** = One Fiberglass Vertical Section

A = Torsional - All Steel Sections 1 1/4" Pipe

**B** = Torsional - All Steel Sections 1 1/4" Pipe except Top Section Fiberglass Tube

Positions 6 through 13:

See Option Tables for each Configuration

## **Options by Configuration**

#### Horizontal and Inverted Switches

B = Sensor Brackets, Kit - AR11B \* C = Control Insulator, Kit - AR11C

<sup>†</sup> **H** = Captive Hardware

L = Surge Arrester Brackets Kit – AR11L

\* P = Extra Pipe Option, Kit – AR11P

\* PP = Two Extra Pipes, Kit - AR11P Qty 2

S = Steel Crossarm Brace, only one supplied

T = Terminal Connectors (ATC 1343)

**W** = Wood Crossarm Brace, only one supplied

X = Extension Links

#### Phase-over-Phase Switch, S & F Controls

**B** = Sensor Brackets

\* C = Control Insulator

 $^{t}$  **H** = Captive Hardware

L = Surge Arrester Brackets \* P = Extra Pipe Option, Kit - AR13P

\* PP = Two Extra Pipes, Kit - AR11P Qty 2

<sup>†</sup> **T** = Terminal Connectors (ATC 1343)

X = Extension Links

#### Phase-over-Phase Switch, T & G Controls

**B** = Sensor Brackets

\* **D** = Control Insulator

**H** = Captive Hardware

L = Surge Arrester Brackets

\* R = Extra Pipe, Kit - AR12R

\* RR = Two Extra Pipes, Kit - AR12R Qty 2

<sup>†</sup> **T** = Terminal Connectors (ATC 1343)

X = Extension Links

# Number for all other features.

#### Vertical Switch, S & F Controls

**B** = Sensor Brackets

\* C = Control Insulator

**H** = Captive Hardware

L = Surge Arrester Brackets

\* P = Extra Pipe Option, Kit - AR12P

\* PP = Two Extra Pipes, Kit - AR11P Qty 2

T = Terminal Connectors (ATC 1343)

#### Vertical Switch, T & G Controls

**B** = Sensor Brackets

\* **D** = Control Insulator

**H** = Captive Hardware

L = Surge Arrester Brackets

\* R = Extra Pipe, Kit – AR12R

\* RR = Two Extra Pipes, Kit - AR12R Qty 2

<sup>†</sup> **T** = Terminal Connectors (ATC 1343)

#### Delta Switch

B = Sensor Brackets

\* C = Control Insulator

<sup>†</sup> **H** = Captive Hardware

L = Surge Arrester Brackets

\* P = Extra Pipe, Kit - AR11P

\* PP = Two Extra Pipes, Kit - AR11P Qty 2

<sup>†</sup> **T** = Terminal Connectors (ATC 1343)

X = Extension Links

\*Options C, P, R, PP and RR do not apply when Hook Stick Operated Control is supplied. Options H and T. Captive Hardware and Terminal Connectors, cannot be ordered together.

## Replacement Parts -

C8180001 PSE8180136P E8181000P

Standard Interrupter (all Configurations) Interrupter 38kV Switches

Live Parts (all Ratings & Configurations)

<sup>\*</sup> Variation 0116 Option is Switch with Side Controls

