

# CATALOG NUMBER KEY

The Quadri\*Sil® Insulators Numbering Scheme is organized according to a smart numbering system. Each group of digits defines a characteristic of the product you are ordering. To fill out this form, start on “a: Insulator Type.” Then, fill in your selection in the box corresponding to the letter “a.” Apply the same rule for all the other sections.

## a Insulator Type P — Post or S — Suspension

a) **Insulator Type.** Defines your insulator type: Post or Suspension. Select “P” or “S” for Post or Suspension, respectively, and fill in your selection in the box designated for “a.” In this example, we selected a suspension insulator.

S										
a	b	b	b	c	c	c	d	e	f	f

## b Mechanical Strength

### Suspension (SML), Rod Diameter

**025** — 25 kip, 5/8” (16 mm)

**030** — 30 kip, 5/8” (16 mm)

**050** — 50 kip, 7/8” (22 mm)

**120** — 120 kN, 5/8” (16 mm)

**160** — 160 kN, 7/8” (22 mm)

**210** — 210 kN, 7/8” (22 mm)

### Post

**250** — Series 250, standard strength 2.5”, (63.5 mm)

b) **Strength.** Defines the mechanical strength of your insulator. Fill in your selection in the boxes designated for “b.”

Note: kip = Kilopound, kN = Kilonewton

For example, if you want a Suspension insulator with 25 kip, this is what your form would look like so far:

S	0	2	5							
a	b	b	b	c	c	c	d	e	f	f

## c Polymer Length

**3 digits** for distance between metal parts, in inches

c) **Polymer Length.** Defines the polymer length of the insulator (please use catalog tables for possible polymer lengths). Fill in your selection in the boxes designated for section “c.” For example, if you want a 49-inch polymer length, enter:

S	0	2	5	0	4	9				
a	b	b	b	c	c	c	d	e	f	f

## d Weathershed Profile

### Suspension

**S** — Standard Leakage Distance (2.5)

**H** — High Leakage Distance (2.9 or 3.3)

### Post

**S** — Standard Leakage Distance

d) **Weathershed Profile.** Defines the leakage distance design. For a suspension insulator with standard leakage distance, use “S.” For a suspension insulator with high leakage distance, use “H.” For a line post, only the standard leakage distance design is available. Fill in your selection in the box designated for “d.” For example, if you want an insulator with high leakage distance, you would place an “H” in the box designated “d.”

S	0	2	5	0	4	9	H			
a	b	b	b	c	c	c	d	e	f	f

## e Top Fitting

### Suspension Insulators

**0** — Chain Eye

**1** — ANSI Ball

**2** — Y-Clevis

**3** — ANSI Socket

**4** — ANSI Straight Clevis

**7** — IEC Ball Fitting  
16 mm for 120 kN  
20 mm for 160 kN and 210 kN

**8** — IEC Straight Clevis

**A** — IEC Socket  
16 mm for 120 kN  
20 mm for 160 kN and 210 kN

### Line Post Insulators

**0** — Tear Drop Blade

**1** — Horizontal Clamptop

**2** — Vertical Clamptop

**3** — 5” (127 mm) Bolt Circle  
5/8” (16 mm) Tapped Hole

**5** — 5” (127 mm) Bolt Circle  
5/8” (16 mm) Through Hole

**9** — Long Tear Drop Blade

e) **Top Fitting.** Defines the top end fitting of your insulator. Fill in your selection in the box designated for “e.” For example, if you want a suspension insulator with a Y-clevis top end fitting, you would place a “2” in the box designated for “e.”

S	0	2	5	0	4	9	H	2		
a	b	b	b	c	c	c	d	e	f	f

**f**

**Bottom Fitting**

f) **Bottom Fitting.** Defines the bottom end fitting of your insulator. Fill in your selection in the boxes designated for "f." For example, if you want an ANSI ball bottom end fitting, you would place "01" in the boxes designated for "f."

S 0 2 5 0 4 9 H 2 0 1  
 a b b b c c c d e f f g

Suspension Insulators	Line Post Insulators
<b>00</b> - Chain Eye	<b>02</b> - Aluminum Gain 12" (305 mm) CL <sup>1</sup> mounting
<b>01</b> - ANSI Ball	<b>03</b> - Aluminum Flat 8"x 10" (203 mm x 254 mm), 15/16" (24 mm) hole diameter
<b>02</b> - Y-Clevis	<b>04</b> - Aluminum Flat 8"x 13" (203 mm x 330 mm), 15/16" (24 mm) hole diameter
<b>03</b> - ANSI Socket	<b>05</b> - 5" (127 mm) Bolt Circle, 5/8" (16 mm) tapped hole
<b>04</b> - ANSI Straight Clevis	<b>07</b> - Steel Gain 12" (305 mm) CL mounting, 15/16" (24 mm) hole diameter
<b>07</b> - IEC Ball Fitting 16 mm for 120 kN or 20 mm for 160 kN and 210 kN	<b>08</b> - Steel Flat 8"x 13" (203 mm x 330 mm) MS <sup>2</sup> , 15/16" (24 mm) hole diameter
<b>08</b> - IEC Straight Clevis	<b>15</b> - 5" (127 mm) Bolt Circle, 5/8" (16 mm) through hole
<b>0A</b> - IEC Socket 16 mm for 120 kN or 20 mm for 160 kN and 210 kN	Vertical Gain - See page 23 Table B
	<sup>1</sup> Center Line <sup>2</sup> Horizontal x Vertical Mounting Pattern Spacing

**g**

**Rings**

- 0** — No ring required
- A** — ≥220 kV, 8" (203 mm) ring for suspension, 12" (305 mm) ring for series 250 post
- B** — ≥330 kV, 12" (305 mm) ring for suspension, 15" (381 mm) ring for series 250 post
- C** — ≥400 kV, 12" (305 mm) line end and 8" (203 mm) ground end ring for suspension
- D** — ≥500 kV, 15" (381 mm) line end and 8" (203 mm) ground end ring for suspension
- E** — ≥735 kV, 15" (381 mm) line end and 12" (305 mm) ground end ring for suspension

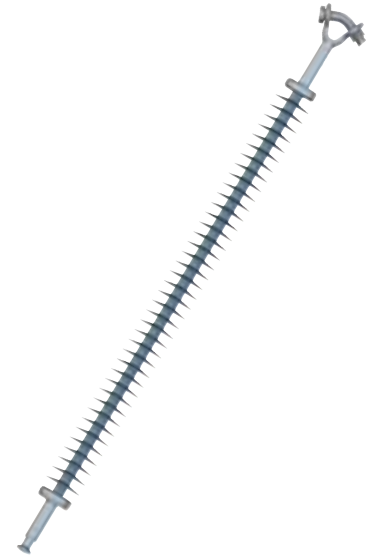
g) **Rings.** Defines your need for a Corona Ring. Fill in your selection in the box designated for "g." The example below shows a selection of a corona ring for 220 kV, 8" (203 mm) for a suspension insulator. Thus, "A" was placed in the box designated for "g."

S 0 2 5 0 4 9 H 2 0 1 A  
 a b b b c c c d e f f g

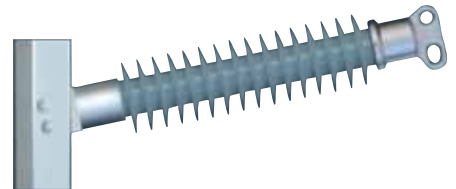
Your complete part number will be S025049H201A

**Examples:**

Suspension Insulator, 25 kip, 49" of Polymer Length, Standard Leakage Distance Profile (2.5), Top Fitting: Y-Clevis, Bottom Fitting: ANSI Ball, No Corona Ring  
**S025049S2010**



Line Post Insulator, 2.5" (63.5 mm) Rod Diameter, 21.9" Polymer Length, Standard Leakage Distance, Top Fitting: Tear Drop Blade, Bottom Fitting: 2-Piece Aluminum Gain Base, No Corona Ring  
**P250021S0020**



**Your final catalog number should look like this**

Fill out boxes according to instructions

a b b b c c c d e f f g