

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** **g**

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** **g**

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** **g**

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** **g**

e Top Fitting

<i>Suspension Insulators</i>	<i>Line Post Insulators</i>
0 — Chain Eye	0 — Tear Drop Blade
1 — ANSI Ball	1 — Horizontal Clamptop
2 — Y-Clevis	2 — Vertical Clamptop
3 — ANSI Socket	3 — 5" (127 mm) Bolt Circle 5/8" (16 mm) Tapped Hole
4 — ANSI Straight Clevis	5 — 5" (127 mm) Bolt Circle 5/8" (16 mm) Through Hole
7 — IEC Ball Fitting 16 mm for 120 kN 20 mm for 160 kN and 210 kN	9 — Long Tear Drop Blade
8 — IEC Straight Clevis	
A — IEC Socket 16 mm for 120 kN 20 mm for 160 kN and 210 kN	

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** **g**

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

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

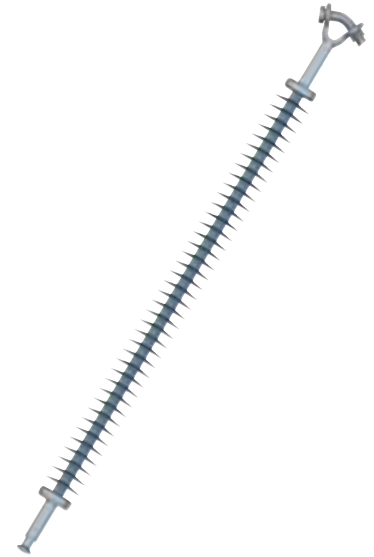
g) **Rings.** Defines your need for a Corona Ring. Fill in your selection in the box designated for “g.” The example below shows a selection of a corona ring for 220 kV, 8" (203 mm) for a suspension insulator. Thus, “A” was placed in the box designated for “g.”

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

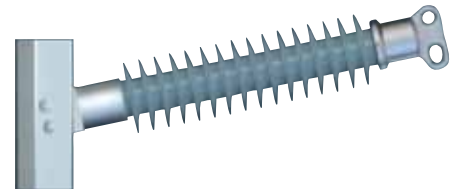
Your complete part number will be **S025049H201A**

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