

# Prefabricated Gate Jumper Assembly with Ground Leads



## FEATURES

Ideal for when nVent ERICO Cadweld connections cannot be made to aluminum pipe or thin-wall steel tube

Jumper conductor is insulated

Stainless steel hardware included

Available in either left or right-hand orientation

## SPECIFICATIONS

**Material:** Copper;Stainless Steel 18-8 (EN 1.4305);Stainless Steel 304 (EN 1.4301)

**Finish:** Tinned

Table 1/2

| Catalog Number      | Orientation | Fixed Gate Diameter, Nominal | Fixed Gate Diameter, Actual (Ø1) | Post Frame Diameter, Nominal | Post Frame Diameter, Actual (Ø2) | Jumper Conductor Size |
|---------------------|-------------|------------------------------|----------------------------------|------------------------------|----------------------------------|-----------------------|
| A239FD2S241V<br>1LH | Left Hand   | 3"                           | 88.9mm                           | 2"                           | 60.5mm                           | 4/0 Stranded          |
| A239HB2S242Q<br>1RH | Right Hand  | 4"                           | 114.3mm                          | 1 1/4"                       | 42.2mm                           | 4/0 Stranded          |
| A239DC2S242C<br>4LH | Left Hand   | 2"                           | 60.5mm                           | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |

| CatalogNumber       | Orientation | Fixed Gate Diameter, Nominal | Fixed Gate Diameter, Actual (Ø1) | Post Frame Diameter, Nominal | Post Frame Diameter, Actual (Ø2) | Jumper Conductor Size |
|---------------------|-------------|------------------------------|----------------------------------|------------------------------|----------------------------------|-----------------------|
| A239EC2S242C<br>4LH | Left Hand   | 2 1/2"                       | 73.2mm                           | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239EC2S242C<br>4RH | Right Hand  | 2 1/2"                       | 73.2mm                           | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239FC2S242C<br>2LH | Left Hand   | 3"                           | 88.9mm                           | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239FC2S242C<br>2RH | Right Hand  | 3"                           | 88.9mm                           | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239HC2S182C<br>5LH | Left Hand   | 4"                           | 114.3mm                          | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239HC2S182C<br>5RH | Right Hand  | 4"                           | 114.3mm                          | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239HC2S242C<br>10L | Left Hand   | 4"                           | 114.3mm                          | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239HC2S242C<br>10R | Right Hand  | 4"                           | 114.3mm                          | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239HC2S242C<br>4LH | Left Hand   | 4"                           | 114.3mm                          | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239HC2S242C<br>4RH | Right Hand  | 4"                           | 114.3mm                          | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239EB2S242Q<br>4RH | Right Hand  | 2 1/2"                       | 73.2mm                           | 1 1/4"                       | 42.2mm                           | 4/0 Stranded          |
| A239EC2S182Q<br>6LH | Left Hand   | 2 1/2"                       | 73.2mm                           | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239EC2S242G<br>8LH | Left Hand   | 2 1/2"                       | 73.2mm                           | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |

| CatalogNumber       | Orientation | Fixed Gate Diameter, Nominal | Fixed Gate Diameter, Actual (Ø1) | Post Frame Diameter, Nominal | Post Frame Diameter, Actual (Ø2) | Jumper Conductor Size |
|---------------------|-------------|------------------------------|----------------------------------|------------------------------|----------------------------------|-----------------------|
| A239EC2S242Q<br>4LH | Left Hand   | 2 1/2"                       | 73.2mm                           | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239EC2S242Q<br>4RH | Right Hand  | 2 1/2"                       | 73.2mm                           | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239FC2S122G<br>24R | Right Hand  | 3"                           | 88.9mm                           | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239FC2S242G<br>4LH | Left Hand   | 3"                           | 88.9mm                           | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239FC2S242G<br>4RH | Right Hand  | 3"                           | 88.9mm                           | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239FC2S242G<br>5LH | Left Hand   | 3"                           | 88.9mm                           | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239FC2S242G<br>5RH | Right Hand  | 3"                           | 88.9mm                           | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239FC2S242Q<br>10L | Left Hand   | 3"                           | 88.9mm                           | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239FC2S242Q<br>2LH | Left Hand   | 3"                           | 88.9mm                           | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239FC2S242Q<br>4LH | Left Hand   | 3"                           | 88.9mm                           | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239FC2S242Q<br>4RH | Right Hand  | 3"                           | 88.9mm                           | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239FC2S242Q<br>8LH | Left Hand   | 3"                           | 88.9mm                           | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239GC2S242Q<br>4LH | Left Hand   | 3 1/2"                       | 101.6mm                          | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |

| CatalogNumber       | Orientation | Fixed Gate Diameter, Nominal | Fixed Gate Diameter, Actual (Ø1) | Post Frame Diameter, Nominal | Post Frame Diameter, Actual (Ø2) | Jumper Conductor Size |
|---------------------|-------------|------------------------------|----------------------------------|------------------------------|----------------------------------|-----------------------|
| A239GC2S242Q<br>4RH | Right Hand  | 3 1/2"                       | 101.6mm                          | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239HC2S182Q<br>6LH | Left Hand   | 4"                           | 114.3mm                          | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239HC2S242G<br>30L | Left Hand   | 4"                           | 114.3mm                          | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239HC2S242G<br>30R | Right Hand  | 4"                           | 114.3mm                          | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239HC2S242G<br>4LH | Left Hand   | 4"                           | 114.3mm                          | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239HC2S242G<br>5LH | Left Hand   | 4"                           | 114.3mm                          | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239HC2S242G<br>5RH | Right Hand  | 4"                           | 114.3mm                          | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239HC2S242Q<br>2LH | Left Hand   | 4"                           | 114.3mm                          | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239HC2S242Q<br>2RH | Right Hand  | 4"                           | 114.3mm                          | 1 1/2"                       | 48.3mm                           | 4/0 Stranded          |
| A239FD2S242G<br>4LH | Left Hand   | 3"                           | 88.9mm                           | 2"                           | 60.5mm                           | 4/0 Stranded          |
| A239FD2S242G<br>4RH | Right Hand  | 3"                           | 88.9mm                           | 2"                           | 60.5mm                           | 4/0 Stranded          |
| A239HD2S242Q<br>2LH | Left Hand   | 4"                           | 114.3mm                          | 2"                           | 60.5mm                           | 4/0 Stranded          |
| A239HD2S242Q<br>2RH | Right Hand  | 4"                           | 114.3mm                          | 2"                           | 60.5mm                           | 4/0 Stranded          |

| Catalog Number   | Orientation | Fixed Gate Diameter, Nominal | Fixed Gate Diameter, Actual (Ø1) | Post Frame Diameter, Nominal | Post Frame Diameter, Actual (Ø2) | Jumper Conductor Size |
|------------------|-------------|------------------------------|----------------------------------|------------------------------|----------------------------------|-----------------------|
| A239HD2S242Q 5LH | Left Hand   | 4"                           | 114.3mm                          | 2"                           | 60.5mm                           | 4/0 Stranded          |
| A239HD2S242Q 5RH | Right Hand  | 4"                           | 114.3mm                          | 2"                           | 60.5mm                           | 4/0 Stranded          |
| A239KD2S242Q 4RH | Right Hand  | 6"                           | 114.3mm                          | 2"                           | 60.5mm                           | 4/0 Stranded          |

Table 2/2

| Catalog Number  | Jumper Length | Ground Lead Conductor Size | Ground Lead Length |
|-----------------|---------------|----------------------------|--------------------|
| A239FD2S241V1LH | 609.6mm       | #2 Stranded                | 305mm              |
| A239HB2S242Q1RH | 609.6mm       | 4/0 Stranded               | 305mm              |
| A239DC2S242C4LH | 609.6mm       | 1/0 Stranded               | 1219mm             |
| A239EC2S242C4LH | 609.6mm       | 1/0 Stranded               | 1219mm             |
| A239EC2S242C4RH | 609.6mm       | 1/0 Stranded               | 1219mm             |
| A239FC2S242C2LH | 609.6mm       | 1/0 Stranded               | 610mm              |
| A239FC2S242C2RH | 609.6mm       | 1/0 Stranded               | 610mm              |
| A239HC2S182C5LH | 457.2mm       | 1/0 Stranded               | 1524mm             |
| A239HC2S182C5RH | 457.2mm       | 1/0 Stranded               | 1524mm             |
| A239HC2S242C10L | 609.6mm       | 1/0 Stranded               | 3048mm             |
| A239HC2S242C10R | 609.6mm       | 1/0 Stranded               | 3048mm             |
| A239HC2S242C4LH | 609.6mm       | 1/0 Stranded               | 1219mm             |

| Catalog Number  | Jumper Length | Ground Lead Conductor Size | Ground Lead Length |
|-----------------|---------------|----------------------------|--------------------|
| A239HC2S242C4RH | 609.6mm       | 1/0 Stranded               | 1219mm             |
| A239EB2S242Q4RH | 609.6mm       | 4/0 Stranded               | 1219mm             |
| A239EC2S182Q6LH | 457.2mm       | 4/0 Stranded               | 1829mm             |
| A239EC2S242G8LH | 609.6mm       | 2/0 Stranded               | 2438mm             |
| A239EC2S242Q4LH | 609.6mm       | 4/0 Stranded               | 1219mm             |
| A239EC2S242Q4RH | 609.6mm       | 4/0 Stranded               | 1219mm             |
| A239FC2S122G24R | 304.8mm       | 2/0 Stranded               | 7315mm             |
| A239FC2S242G4LH | 609.6mm       | 2/0 Stranded               | 1219mm             |
| A239FC2S242G4RH | 609.6mm       | 2/0 Stranded               | 1219mm             |
| A239FC2S242G5LH | 609.6mm       | 2/0 Stranded               | 1524mm             |
| A239FC2S242G5RH | 609.6mm       | 2/0 Stranded               | 1524mm             |
| A239FC2S242Q10L | 609.6mm       | 4/0 Stranded               | 3048mm             |
| A239FC2S242Q2LH | 609.6mm       | 4/0 Stranded               | 610mm              |
| A239FC2S242Q4LH | 609.6mm       | 4/0 Stranded               | 1219mm             |
| A239FC2S242Q4RH | 609.6mm       | 4/0 Stranded               | 1219mm             |
| A239FC2S242Q8LH | 609.6mm       | 4/0 Stranded               | 2438mm             |
| A239GC2S242Q4LH | 609.6mm       | 4/0 Stranded               | 1219mm             |
| A239GC2S242Q4RH | 609.6mm       | 4/0 Stranded               | 1219mm             |

| Catalog Number  | Jumper Length | Ground Lead Conductor Size | Ground Lead Length |
|-----------------|---------------|----------------------------|--------------------|
| A239HC2S182Q6LH | 457.2mm       | 4/0 Stranded               | 1829mm             |
| A239HC2S242G30L | 609.6mm       | 2/0 Stranded               | 9144mm             |
| A239HC2S242G30R | 609.6mm       | 2/0 Stranded               | 9144mm             |
| A239HC2S242G4LH | 609.6mm       | 2/0 Stranded               | 1219mm             |
| A239HC2S242G5LH | 609.6mm       | 2/0 Stranded               | 1524mm             |
| A239HC2S242G5RH | 609.6mm       | 2/0 Stranded               | 1524mm             |
| A239HC2S242Q2LH | 609.6mm       | 4/0 Stranded               | 610mm              |
| A239HC2S242Q2RH | 609.6mm       | 4/0 Stranded               | 610mm              |
| A239FD2S242G4LH | 609.6mm       | 2/0 Stranded               | 1219mm             |
| A239FD2S242G4RH | 609.6mm       | 2/0 Stranded               | 1219mm             |
| A239HD2S242Q2LH | 609.6mm       | 4/0 Stranded               | 610mm              |
| A239HD2S242Q2RH | 609.6mm       | 4/0 Stranded               | 610mm              |
| A239HD2S242Q5LH | 609.6mm       | 4/0 Stranded               | 1524mm             |
| A239HD2S242Q5RH | 609.6mm       | 4/0 Stranded               | 1524mm             |
| A239KD2S242Q4RH | 609.6mm       | 4/0 Stranded               | 1219mm             |

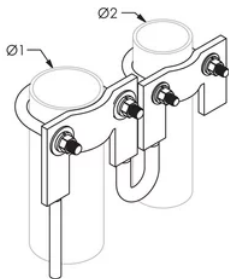
## ADDITIONAL PRODUCT DETAILS

"Fixed gate" refers to the pipe on the fence itself, while "post frame" refers to the post on the swinging door.

Left hand orientation shown in diagram.

| A239-EB-2S-24-2Q-4-RH |                                     |                                                                                                                                                                                                                                                      |
|-----------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A239                  | Series                              |                                                                                                                                                                                                                                                      |
| EB                    | Clamp Code                          | EB = 2 1/2" Gate, 1 1/4" Post<br>EC = 2 1/2" Gate, 1 1/2" Post<br>FB = 3" Gate, 1 1/4" Post<br>FC = 3" Gate, 1 1/2" Post<br>GB = 3 1/2" Gate, 1 1/4" Post<br>GC = 3 1/2" Gate, 1 1/2" Post<br>HB = 4" Gate, 1 1/4" Post<br>HC = 4" Gate, 1 1/2" Post |
| 2S                    | 4/0 AWG Flexible Jumper Designation |                                                                                                                                                                                                                                                      |
| 24                    | Jumper Length (inches)              |                                                                                                                                                                                                                                                      |
| 2Q                    | Ground Lead Cable Code (AWG)        | 2C = 1/0 Stranded<br>2G = 2/0 Stranded<br>2Q = 4/0 Stranded<br>9F = Copper-Clad Steel #9, 19-Strand                                                                                                                                                  |
| 4                     | Ground Lead Length (feet)           |                                                                                                                                                                                                                                                      |
| RH                    | Ground Lead Side                    | LH = Left Hand<br>RH = Right Hand                                                                                                                                                                                                                    |

## DIAGRAMS



## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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