

# Fence Clamp, One Conductor



The nVent ERICO Fence Clamp, One Conductor provides a secure and reliable grounding and bonding connection point for fence posts and gate structures, which is crucial for protecting equipment and personnel from electrical hazards. Engineered for durability and long-term performance, this specific clamp for a single conductor ensures system integrity in various industrial, commercial, and utility applications. Its versatile design and corrosion-resistant materials offer a dependable solution, simplifying installation while providing a lasting, maintenance-friendly connection that upholds the safety and resilience of your grounding infrastructure.

## FEATURES

Specifically designed for a single conductor connection

Offers a theft-deterrent appearance for enhanced security

Includes robust stainless steel or silicone bronze hardware for superior strength and longevity

Made from high quality copper alloy that minimizes the risk of corrosion while ensuring reliable conductivity

Versatile design accepts the conductor placement either parallel or at right angles to the pipe or post

**Material:** Bronze;Stainless Steel 304 (EN 1.4301)

**Finish:** Tinned

## SPECIFICATIONS

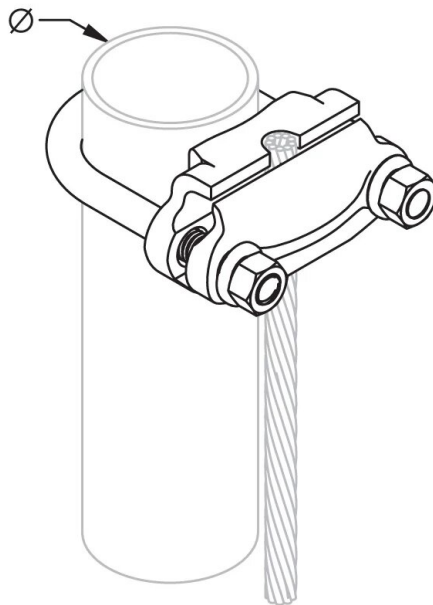
| Catalog Number | Article Number | Fence Post Size, Nominal | Fence Post Outside Diameter, Actual (Ø) | Conductor Size                                                                                   | nVent ERICO Cu-Bond Conductor | Complies With |
|----------------|----------------|--------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------|---------------|
| FC074          | 198402         | 1 1/2"                   | 48 mm                                   | 2/0 Solid - 250 kcmil<br>Stranded, 50 mm <sup>2</sup> Stranded<br>- 120 mm <sup>2</sup> Stranded |                               |               |
| FC075          | 198403         | 2"                       | 60 mm                                   | #4 Solid - 2/0 Stranded, 16 mm <sup>2</sup> Stranded - 70 mm <sup>2</sup> Stranded               | CBSC8                         | IEC® 62561-1  |
| FC076          | 198404         | 2"                       | 60 mm                                   | 2/0 Solid - 250 kcmil<br>Stranded, 50 mm <sup>2</sup> Stranded<br>- 120 mm <sup>2</sup> Stranded | CBSC10,<br>CBSC13             | IEC® 62561-1  |

| Catalog Number | Article Number | Fence Post Size, Nominal | Fence Post Outside Diameter, Actual (Ø) | Conductor Size                                                                                   | nVent ERICO Cu-Bond Conductor | Complies With |
|----------------|----------------|--------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------|---------------|
| FC082          | 198411         | 3 1/2"                   | 102 mm                                  | 2/0 Solid - 250 kcmil<br>Stranded, 50 mm <sup>2</sup> Stranded<br>- 120 mm <sup>2</sup> Stranded |                               |               |
| FC078          | 198406         | 2 1/2"                   | 73 mm                                   | 2/0 Solid - 250 kcmil<br>Stranded, 16 mm <sup>2</sup> Stranded<br>- 120 mm <sup>2</sup> Stranded |                               |               |
| FC079          | 198407         | 3"                       | 89 mm                                   | #4 Solid - 2/0 Stranded, 16 mm <sup>2</sup> Stranded - 70 mm <sup>2</sup> Stranded               |                               |               |

## ADDITIONAL PRODUCT DETAILS

IEC compliance is valid only for nVent ERICO Cu-Bond Conductors listed.

## 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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