

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



SPECIFICATIONS

Table 1/4

Catalog Number	Material	Finish	Fence Post Size, Nominal	Fence Post Outside Diameter, Actual (Ø)	Conductor Size	nVent ERICO Cu-Bond Conductor
GPL-1	Bronze	Bare	0.25	0.405	#4 Stranded - #8 Stranded	
GPL-3	Bronze	Bare	0.25	0.405	250 kcmil Stranded - 2/0 Stranded	
GPL-2	Bronze	Bare	0.25	0.405	2/0 Stranded - 4/0 Stranded	

Catalog Number	Material	Finish	Fence Post Size, Nominal	Fence Post Outside Diameter, Actual (Ø)	Conductor Size	nVent ERICO Cu-Bond Conductor
GPL-7	Bronze	Bare	0.375	0.675	500 kcmil - 300 kcmil	
GPL-6	Bronze	Bare	0.375	0.675	250 kcmil Stranded - 2/0 Stranded	
GPL-4	Bronze	Bare	0.375	0.675	#4 Stranded - #8 Stranded	
GPL-5	Bronze	Bare	0.375	0.675	2/0 Stranded - 4/0 Stranded	
GPL-10	Bronze	Bare	0.5, 0.624, 0.75	1.05	250 kcmil Stranded - 2/0 Stranded	
GPL-12	Bronze	Bare	0.5, 0.624, 0.75	1.05	500 kcmil - 300 kcmil	
GPL-8	Bronze	Bare	0.5, 0.625, 0.75	1.05	#4 Stranded - #8 Stranded	
GPL-9	Bronze	Bare	0.5, 0.625, 0.75	1.05	2/0 Stranded - 4/0 Stranded	
GPL3902BU	Bronze	Bare	0.5, 0.625, 0.75	1.315	4/0 Stranded - #4 Stranded	
GPL-14	Bronze	Bare	1	1.315	#4 Stranded - #8 Stranded	
GPL-15	Bronze	Bare	1	1.315	2/0 Stranded - 4/0 Stranded	
GPL-17	Bronze	Bare	1	1.315	500 kcmil - 300 kcmil	
GPL-16	Bronze	Bare	1	1.315	250 kcmil Stranded - 2/0 Stranded	
GPL-20	Bronze	Bare	1.25	1.66	#4 Stranded - #8 Stranded	
GPL-22	Bronze	Bare	1.25	1.66	250 kcmil Stranded - 2/0 Stranded	
GPL-21	Bronze	Bare	1.25	1.66	2/0 Stranded - 4/0 Stranded	
GPL-23	Bronze	Bare	1.25	1.66	500 kcmil - 300 kcmil	

Table 2/4

Catalog Number	Material	Finish	Fence Post Size, Nominal	Fence Post Outside Diameter, Actual (Ø)	Conductor Size	nVent ERICO Cu-Bond Conductor
GPL3903BU	Bronze	Bare	1.25, 1.375, 1.5	2.375	4/0 Stranded - #4 Stranded	
GPL-27	Bronze	Bare	1.5	1.9	2/0 Stranded - 4/0 Stranded	
GPL-26	Bronze	Bare	1.5	1.9	#4 Stranded - #8 Stranded	
FC074	Bronze, Stainless Steel 304 (EN 1.4301)	Tinned	1 1/2"	1.9"	2/0 Solid - 250 kcmil Stranded, 50 mm ² Stranded - 120 mm ² Stranded	
GPL-28	Bronze	Bare	1.5	1.9	250 kcmil Stranded - 2/0 Stranded	
FC073	Bronze, Stainless Steel 304 (EN 1.4301)	Tinned	1 1/2"	1.9"	#4 Solid - 2/0 Stranded, 16 mm ² Stranded - 70 mm ² Stranded	
GPL-29	Bronze	Bare	1.5	1.9	500 kcmil - 300 kcmil	
GPL-34	Bronze	Bare	2	2.375	250 kcmil Stranded - 2/0 Stranded	
GPL-35	Bronze	Bare	2	2.375	500 kcmil - 300 kcmil	
GPL-33	Bronze	Bare	2	2.375	2/0 Stranded - 4/0 Stranded	
FC075	Bronze, Stainless Steel 304 (EN 1.4301)	Tinned	2"	2.38"	#4 Solid - 2/0 Stranded, 16 mm ² Stranded - 70 mm ² Stranded	CBSC8
GPL-32	Bronze	Bare	2	2.375	#4 Stranded - #8 Stranded	
FC076	Bronze, Stainless Steel 304 (EN 1.4301)	Tinned	2"	2.38"	2/0 Solid - 250 kcmil Stranded, 50 mm ² Stranded - 120 mm ² Stranded	CBSC10, CBSC13
FC078	Bronze, Stainless Steel 304 (EN 1.4301)	Tinned	2 1/2"	2.88"	2/0 Solid - 250 kcmil Stranded, 16 mm ² Stranded - 120 mm ² Stranded	
FC080	Bronze, Stainless Steel 304 (EN 1.4301)	Tinned	3"	3.5"	2/0 Solid - 250 kcmil Stranded, 50 mm ² Stranded - 120 mm ² Stranded	

Catalog Number	Material	Finish	Fence Post Size, Nominal	Fence Post Outside Diameter, Actual (Ø)	Conductor Size	nVent ERICO Cu-Bond Conductor
FC082	Bronze, Stainless Steel 304 (EN 1.4301)	Tinned	3 1/2"	4"	2/0 Solid - 250 kcmil Stranded, 50 mm ² Stranded - 120 mm ² Stranded	
GPL-57	Bronze	Bare	4	4.5	2/0 Stranded - 4/0 Stranded	
GPL-75	Bronze	Bare	6	6.625	2/0 Stranded - 4/0 Stranded	
GPL-39	Bronze	Bare	2.5	2.875	2/0 Stranded - 4/0 Stranded	
GPL-51	Bronze	Bare	3.5	4	2/0 Stranded - 4/0 Stranded	

Table 3/4

Catalog Number	Material	Finish	Fence Post Size, Nominal	Fence Post Outside Diameter, Actual (Ø)	Conductor Size	nVent ERICO Cu-Bond Conductor
GPL-69	Bronze	Bare	5	5.563	2/0 Stranded - 4/0 Stranded	
GPL-45	Bronze	Bare	3	3.5	2/0 Stranded - 4/0 Stranded	
GPL-41	Bronze	Bare	2.5	2.875	500 kcmil - 300 kcmil	
GPL-40	Bronze	Bare	2.5	2.875	250 kcmil Stranded - 2/0 Stranded	
GPL-38	Bronze	Bare	2.5	2.875	#4 Stranded - #8 Stranded	
GPL3904BU	Bronze	Bare	2.5, 2.625, 2.75	4	4/0 Stranded - #4 Stranded	
GPL-46	Bronze	Bare	3	3.5	250 kcmil Stranded - 2/0 Stranded	
GPL-47	Bronze	Bare	3	3.5	500 kcmil - 300 kcmil	
GPL-44	Bronze	Bare	3	3.5	#4 Stranded - #8 Stranded	
FC079	Bronze, Stainless Steel 304 (EN 1.4301)	Tinned	3"	3.5"	#4 Solid - 2/0 Stranded, 16 mm ² Stranded - 70 mm ² Stranded	
GPL-52	Bronze	Bare	3.5	4	250 kcmil Stranded - 2/0 Stranded	

Catalog Number	Material	Finish	Fence Post Size, Nominal	Fence Post Outside Diameter, Actual(Ø)	Conductor Size	nVent ERICO Cu-Bond Conductor
GPL-53	Bronze	Bare	3.5	4	500 kcmil - 300 kcmil	
GPL-50	Bronze	Bare	3.5	4	#4 Stranded - #8 Stranded	
GPL-59	Bronze	Bare	4	4.5	500 kcmil - 300 kcmil	
GPL-58	Bronze	Bare	4	4.5	250 kcmil Stranded - 2/0 Stranded	
GPL-56	Bronze	Bare	4	4.5	#4 Stranded - #8 Stranded	
GPL3905BU	Bronze	Bare	4, 4.125, 4.25	5.563	4/0 Stranded - #4 Stranded	
GPL3909BU	Bronze	Bare	12	12.75	4/0 Stranded - #4 Stranded	
GPL3906BU	Bronze	Bare	6	6.62	4/0 Stranded - #4 Stranded	
GPL3907BU	Bronze	Bare	8	8.62	4/0 Stranded - #4 Stranded	

Table 4/4

Catalog Number	Material	Finish	Fence Post Size, Nominal	Fence Post Outside Diameter, Actual (Ø)	Conductor Size	nVent ERICO Cu-Bond Conductor
GPL3908BU	Bronze	Bare	10	10.75	4/0 Stranded - #4 Stranded	
GPL-70	Bronze	Bare	5	5.563	250 kcmil Stranded - 2/0 Stranded	
GPL-68	Bronze	Bare	5	5.563	#4 Stranded - #8 Stranded	
GPL-71	Bronze	Bare	5	5.563	500 kcmil - 300 kcmil	
GPL-76	Bronze	Bare	6	6.625	250 kcmil Stranded - 2/0 Stranded	
GPL-77	Bronze	Bare	6	6.625	500 kcmil - 300 kcmil	

Table 1/4

Catalog Number	Complies With	Certifications
GPL-1		UL KDER, CSA 4414-04
GPL-3		UL KDER, CSA 4414-04
GPL-2		CSA 4414-04, UL KDER
GPL-7		UL KDER, CSA 4414-04

Catalog Number	Complies With	Certifications
GPL-6		CSA 4414-04, UL KDER
GPL-4		CSA 4414-04, UL KDER
GPL-5		UL KDER, CSA 4414-04
GPL-10		CSA 4414-04, UL KDER
GPL-12		CSA 4414-04, UL KDER
GPL-8		CSA 4414-04, UL KDER
GPL-9		CSA 4414-04, UL KDER
GPL3902BU		CSA 4414-04, UL KDER
GPL-14		CSA 4414-04, UL KDER
GPL-15		UL KDER, CSA 4414-04
GPL-17		UL KDER, CSA 4414-04
GPL-16		CSA 4414-04, UL KDER
GPL-20		UL KDER, CSA 4414-04
GPL-22		UL KDER, CSA 4414-04
GPL-21		CSA 4414-04, UL KDER
GPL-23		CSA 4414-04, UL KDER

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Catalog Number	Complies With	Certifications
GPL3903BU		CSA 4414-04, UL KDER
GPL-27		UL KDER, CSA 4414-04
GPL-26		CSA 4414-04, UL KDER
FC074		
GPL-28		UL KDER, CSA 4414-04
FC073		
GPL-29		UL KDER, CSA 4414-04
GPL-34		UL KDER, CSA 4414-04
GPL-35		UL KDER, CSA 4414-04
GPL-33		CSA 4414-04, UL KDER
FC075	IEC® 62561-1	
GPL-32		CSA 4414-04, UL KDER
FC076	IEC® 62561-1	
FC078		
FC080		
FC082		

Catalog Number	Complies With	Certifications
GPL-57		CSA 4414-04, UL KDER
GPL-75		UL KDER, CSA 4414-04
GPL-39		CSA 4414-04, UL KDER
GPL-51		UL KDER, CSA 4414-04

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Catalog Number	Complies With	Certifications
GPL-69		UL KDER, CSA 4414-04
GPL-45		UL KDER, CSA 4414-04
GPL-41		CSA 4414-04, UL KDER
GPL-40		UL KDER, CSA 4414-04
GPL-38		CSA 4414-04, UL KDER
GPL3904BU		UL KDER, CSA 4414-04
GPL-46		UL KDER, CSA 4414-04
GPL-47		UL KDER, CSA 4414-04
GPL-44		CSA 4414-04, UL KDER
FC079		
GPL-52		UL KDER, CSA 4414-04
GPL-53		CSA 4414-04, UL KDER
GPL-50		UL KDER, CSA 4414-04
GPL-59		UL KDER, CSA 4414-04
GPL-58		CSA 4414-04, UL KDER
GPL-56		CSA 4414-04, UL KDER
GPL3905BU		CSA 4414-04, UL KDER
GPL3909BU		CSA 4414-04, UL KDER
GPL3906BU		CSA 4414-04, UL KDER
GPL3907BU		CSA 4414-04, UL KDER

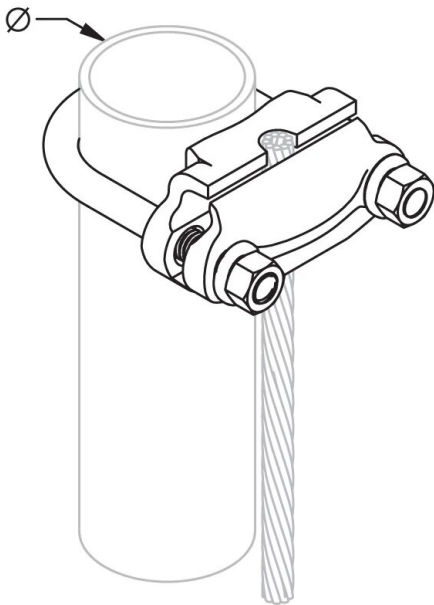
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Catalog Number	Complies With	Certifications
GPL3908BU		CSA 4414-04, UL KDER
GPL-70		UL KDER, CSA 4414-04
GPL-68		CSA 4414-04, UL KDER
GPL-71		UL KDER, CSA 4414-04
GPL-76		CSA 4414-04, UL KDER
GPL-77		CSA 4414-04, UL KDER

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 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.

North America

+1.800.753.9221
Option 1 – Customer Care
Option 2 – Technical
Support

Europe

Netherlands:
+31 800-0200135
France:
+33 800 901 793

Europe

Germany:
800 1890272
Other Countries:
+31 13 5835404

APAC

Shanghai:
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