



# Bonding, Grounding, and Surge Protection Products and Low Voltage Panel Components

Contact nVent ERICO for input on your installation design needs.

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**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 [nVent.com/ERICO](http://nVent.com/ERICO) 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/or death, and void your warranty.

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**ERICO**

## ***A Quick Reference Guide for Building Your Order***

nVent ERICO and nVent ERIFLEX products are recognized for their innovative designs, time-saving and cost-effective features. These state-of-the-art products are used in a wide variety of applications, including grounding, bonding, surge protection, and low voltage. Refer to this handy guide when your customers are placing an order to help ensure they purchase all of the nVent ERICO and nVent ERIFLEX products they need.

# **nVent ERICO Facility Electrical Protection Products and nVent ERIFLEX Low Voltage Panel Components**

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- Grounding Busbars
- Fence and Gate Jumpers
- Data Center Network Bonding
- Exothermic Connections

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## **Low Voltage Panel Components** Pages 11 – 13



- Electrical Connections
- Metallic Braids
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- Distribution Blocks
- Power Blocks and Power Terminals

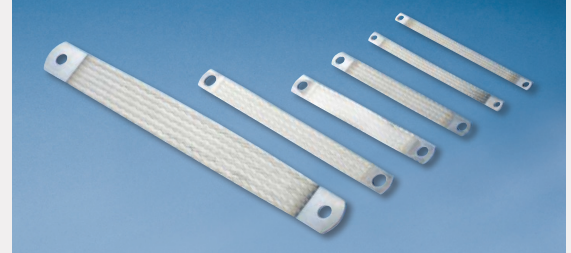
## Bonding Clamps and Connectors



**Solar Bonding Lug**  
EL6CS



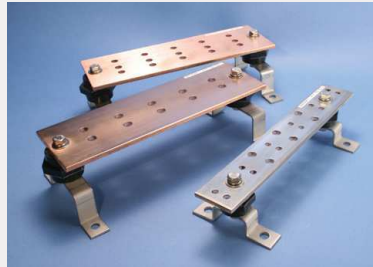
**Rebar Clamps**  
RC70  
RC100



**Ground Braids and Straps**  
Tinned copper – MBJ Series  
Stainless steel – CPI Series



**Potential Equalization Clamp**  
PEC100



**Grounding Busbars**  
EGBA Series



**Direct Burial Grounding Clamps**  
EK16  
(parallel connection)

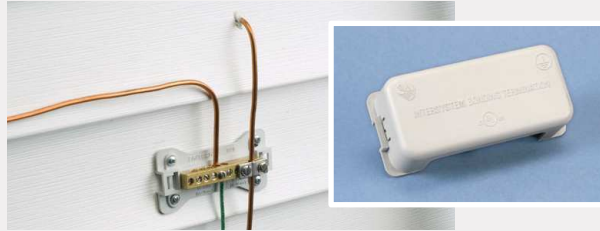


**Direct Burial Grounding Clamps**  
EK17  
(perpendicular connection)

## Bonding Clamps and Connectors, continued



**Equipment Ground Plates**

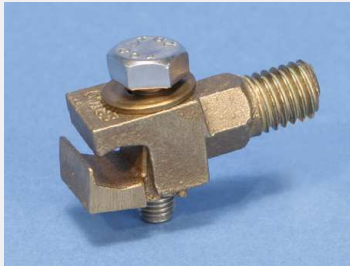


**IBTB: Intersystem Bonding Termination Bar**



**Water / Gas Pipe Clamps**

CWP1J  
CWP2J  
CWP3J



**Transformer Tank Bonding Clamp**

CC207



**Fence Clamps**

FC Series



**Fence and Gate Jumpers**

FJ Series



**Split Bolts**

ESB Series

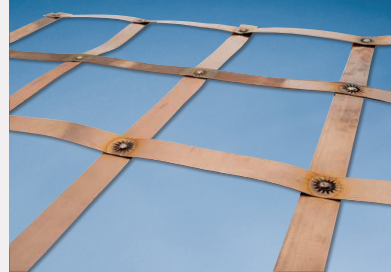
## Data Center Network Bonding



**Universal Pedestal Clamp**  
MBNUPCJ82



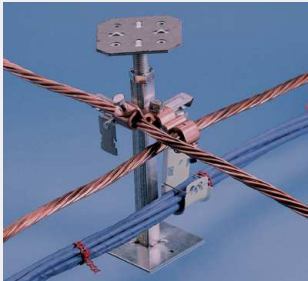
**CBN Jumper**  
CBNJ09  
CBNJ09P10



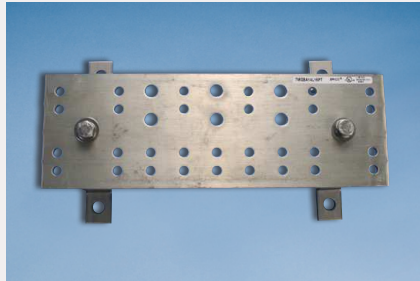
**Signal Reference Grid (SRG)**



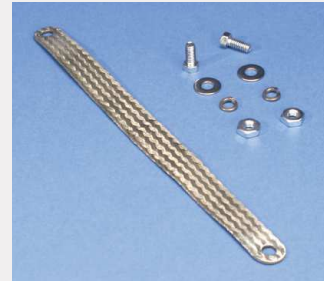
**Mesh Bonding Network Connectors**  
MBNC82



**Universal Pedestal Clamp**  
MBNUPCJ240



**Telecom Ground Bar**  
TGB & TMGB Series



**Braided Bonding Straps**  
CRGS6 – Braided  
CRGS6HW – Hardware Pack



**Mesh Bonding Network Connectors**  
MBNC240

# nVent ERICO Cadweld Exothermic Connections



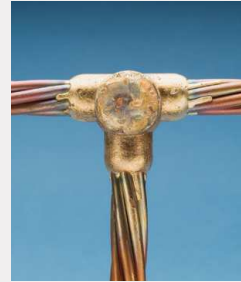
**Cadweld Exolon**



**Cadweld Plus**



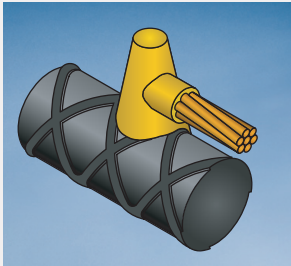
**Cadweld One Shot**



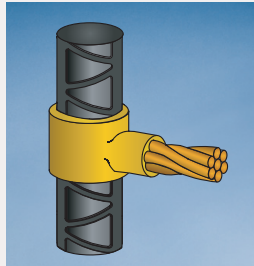
**Cadweld Welded  
Electrical Connections**



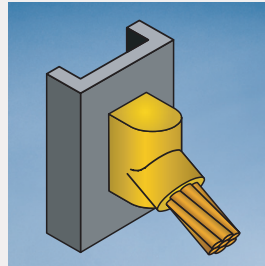
**Cadweld Exothermic Connections**



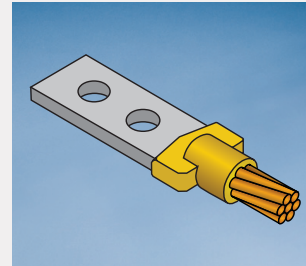
**RR Connection**  
Horizontal Rebar



**RS Connection**  
Vertical Rebar



**VS Connection**  
Vertical Pipe or Fence



**GL Connection**  
Cable to Lug



**Type GL Lug**

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**BONDING**

## Ground Rods and Accessories



### Ground Rods – Pointed and Sectional

61-Series: Pointed

63-Series: Sectional (Threaded)

e.g.: 615880: Pointed, 5/8 in., 8-ft., 10 mil ground rod



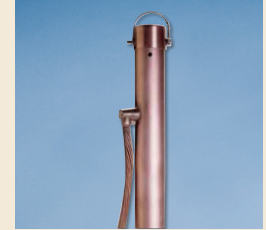
### Ground Rod Couplers

CC34: Compression Coupler, for 3/4" ground rod

CC58: Compression Coupler, for 5/8" ground rod

CR34: Threaded Coupler, for 3/4" ground rod

CR58: Threaded Coupler, for 5/8" ground rod



### Chemical Ground Rods

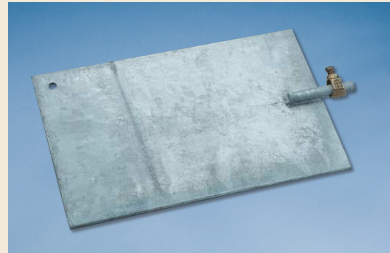
ECRV Series (Vertical)

ECRH Series (Horizontal)



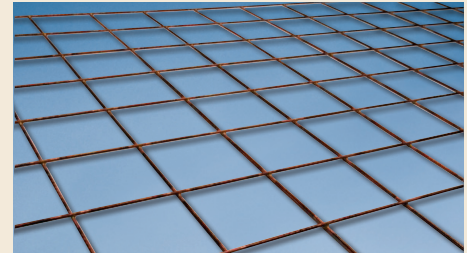
### Utility Pole Grounding Plate

EGP100



### Galvanized Ground Plate

UGP Series



### Equipotential Mesh



## Connecting to the Ground Electrode



**nVent ERICO Hammerlock**  
EHL Series



**Stainless Steel Ground Rod Clamps**  
SP58  
SP58B916



**Bronze Ground Rod Clamps**  
CP34  
CP58



**Cadweld One Shot**

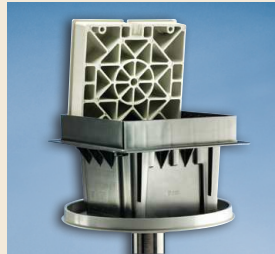
## Installation Accessories



**Driving Studs**  
DS Series



**Ground Rod Drivers**  
EGRD34  
EGRD58



**Ground Inspection Wells**  
PIT05  
PIT03



**nVent ERICO Ground Enhancement Material (GEM)**  
GEM25A  
GEM25ABKT



**Driving Sleeves**  
DH58

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**GROUNDING**

## Power Surge Protection



TDX Series of Compact Surge Protection Devices



TDX Series of Modular Surge Protection Devices



SES40P Series of Compact Surge Protection Devices



TDS Series of Surge Protection Devices

## Data / Communication Surge Protection



Coaxial Surge Protectors



Local Area Network Protection Products



Universal Transient Barrier (UTB)  
UTB Series of Signal Line & Low Voltage Surge Protection Devices

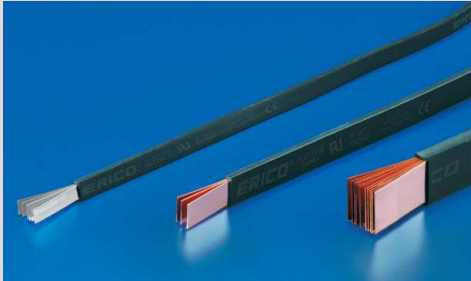


Subscriber / High Speed Line Surge Protector

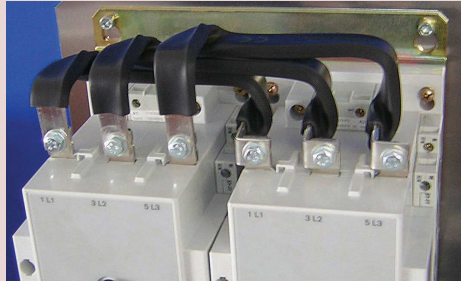


CATV-HF Indoor / Outdoor Digital Cable Protector

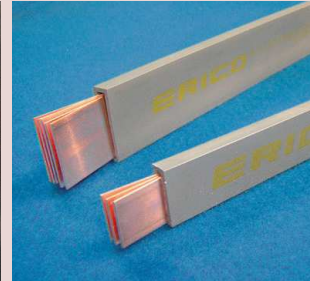
# Electrical Connections



**nVent ERIFLEX Flexibar Tinned or Bare Copper**  
(Flexible Wire Replacement)



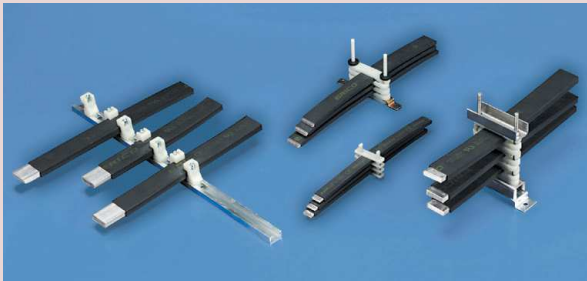
**Flexibar**



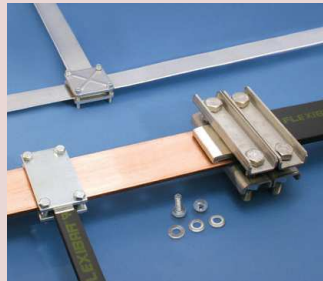
**Flexibar Summum**  
Halogen Free Insulation



**Flexibar**  
Made to Order



**Flexibar**  
Supports & Spacer Clamps



**Flexibar**  
Connecting Clamps



**Low Voltage Insulators**



**Busbar Supports**

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## Metallic Braids, Power Flexibles, Sleeves



**Ready to Use**  
Insulated Power Conductor



**Earth Braids**  
Tinned copper – MBJ Series  
Stainless steel – CPI Series



**Copper and Stainless Steel Braids**

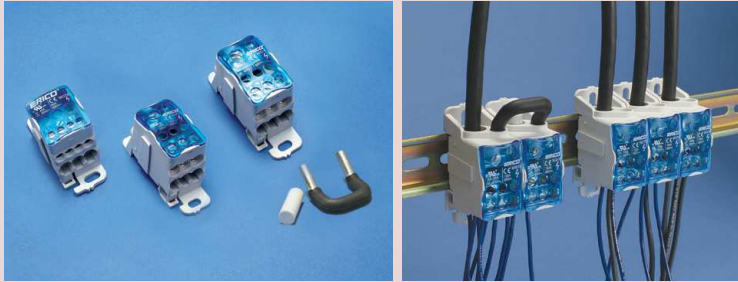


**Copper Round & Tubular Braids**

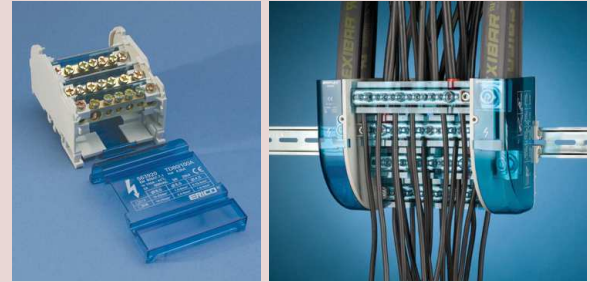


**Cabling Sleeves**

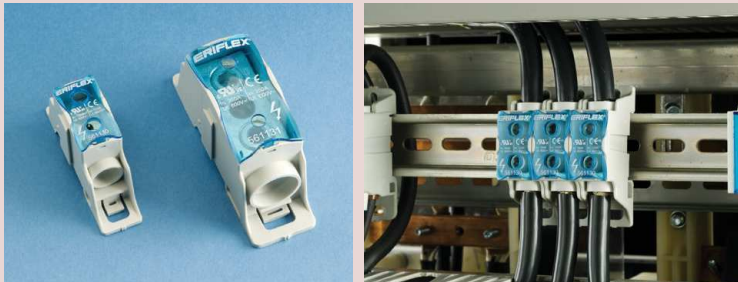
## Distribution Blocks, Power Blocks, Power Terminals



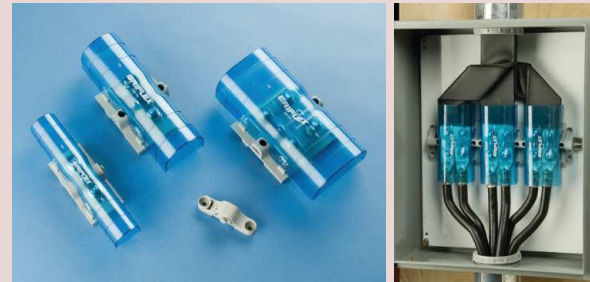
Single Pole Distribution Blocks



Multi Pole Distribution Blocks



Power Blocks



Power Terminals

Our powerful portfolio of brands:

**CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER**



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