nVent | ERICO

We connect and protect

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

Contact nVent ERICO for input on your installation design needs.

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 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.

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

***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.

## Bonding Pages 4 – 7

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

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- Ground Rod Clamps
- Installation Accessories

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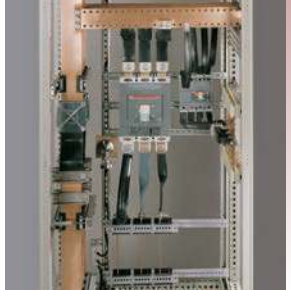
- Digital Cable Protector

## Low Voltage Panel Components Pages 11 – 13



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

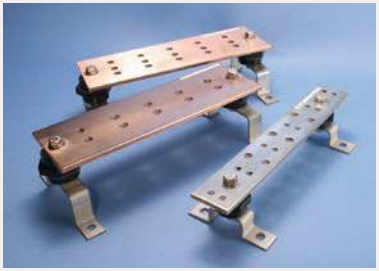
# Bonding Clamps and Connectors

**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)
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 – Braid
CRGS6HW – Hardware Pack

**Mesh Bonding Network Connectors**
MBNC240

# nVent ERICO Cadweld Exothermic Connections

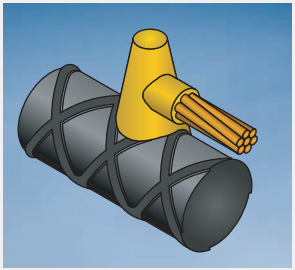
**Cadweld Exolon**

**Cadweld Plus**

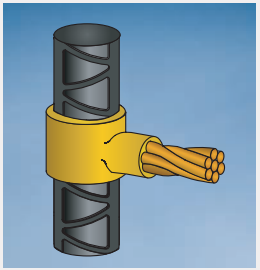
**Cadweld One Shot**

**Cadweld Welded Electrical Connections**

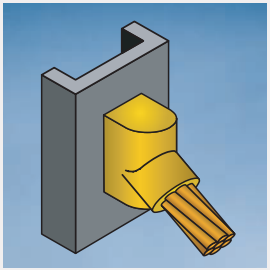
**Cadweld Exothermic Connections**



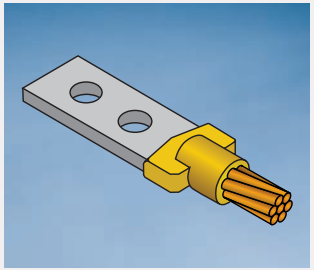
**RR Connection**
Horizontal Rebar



**RS Connection**
Vertical Rebar



**VS Connection**
Vertical Pipe or Fence



**GL Connection**
Cable to Lug

**Type GL Lug**

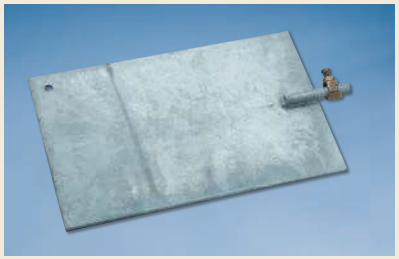
# Ground Rods and Accessories

**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*

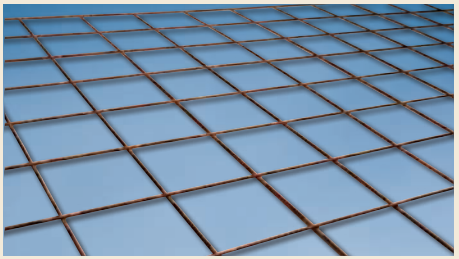
**Ground Rod Couplers**
CC34: Compression Coupler, for 3/4" ground rod
CC58: Compression Coupler, for 5/8" ground rod
CR34: Threaded Coupler, for 3/4" ground rod
CR58: Threaded Coupler, for 5/8" ground rod

**Chemical Ground Rods**
ECRV Series (Vertical)
ECRH Series (Horizontal)

**Utility Pole Grounding Plate**
EGP100

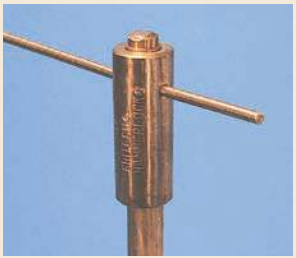


**Galvanized Ground Plate**
UGP Series



**Equipotential Mesh**

## Connecting to the Ground Electrode



**nVent ERICO Hammerlock**
EHL Series

**Stainless Steel Ground Rod Clamps**
SP58
SP58B916

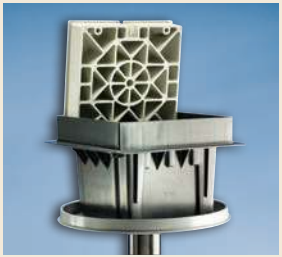
**Bronze Ground Rod Clamps**
CP34
CP58

**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

## 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

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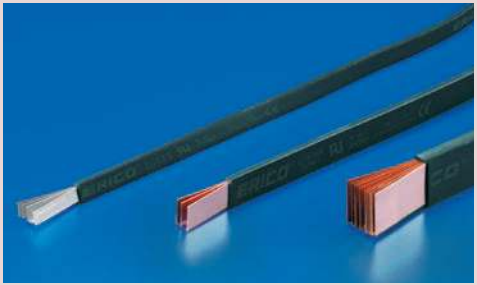
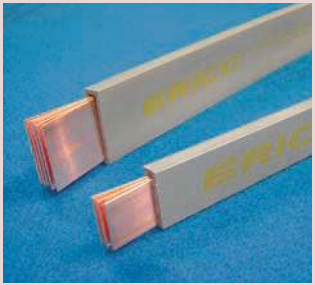
# Electrical Connections



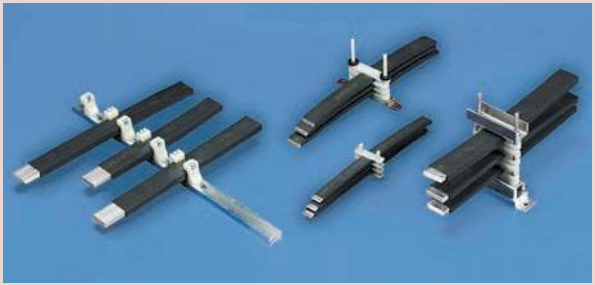
**nVent ERIFLEX Flexibar Tinned or Bare Copper**
(Flexible Wire Replacement)

**Flexibar**

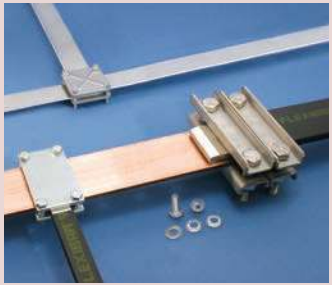


**Flexibar Summum**
Halogen Free Insulation

**Flexibar**
Made to Order



**Flexibar**
Supports & Spacer Clamps



**Flexibar**
Connecting Clamps

**Low Voltage Insulators**

**Busbar Supports**

**nVent.com/ERICO**

# Metallic Braids, Power Flexibles, Sleeves

**Ready to Use**
Insulated Power Conductor

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

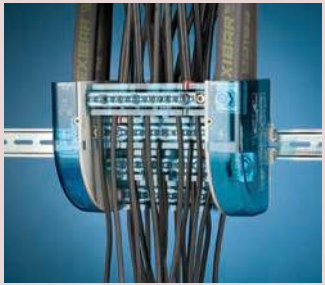
**Copper and Stainless Steel Braids**

**Copper Round & Tubular Braids**

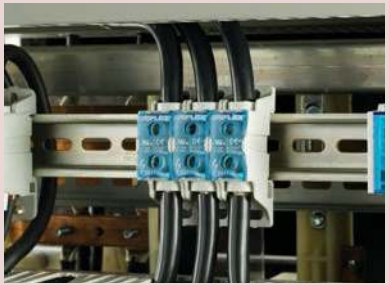
**Cabling Sleeves**

# Distribution Blocks, Power Blocks, Power Terminals

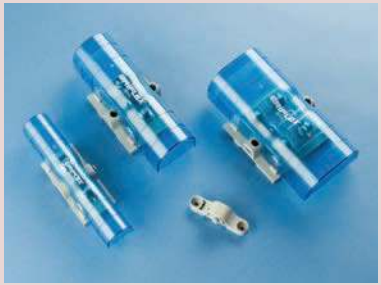
Single Pole Distribution Blocks



Multi Pole Distribution Blocks



Power Blocks



Power Terminals

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