

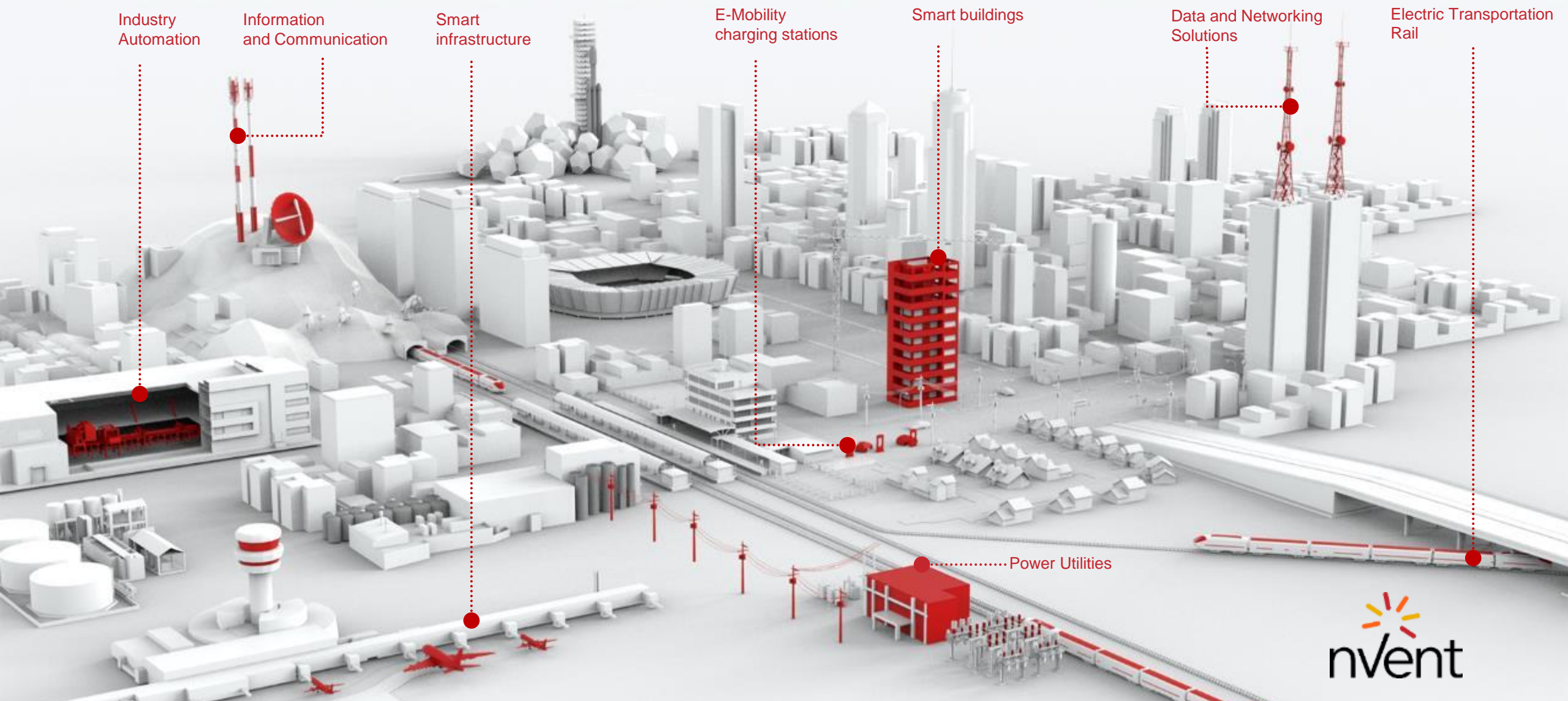
# Discover nVent ERIFLEX - NSRP

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Low Voltage Power and  
Grounding Connections



# Connecting and Protecting The Future of Electrification



We are One nVent, connecting and protecting the world's electrical systems, making them more efficient, more resilient and safer

# nVent Solutions

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CONNECTION and PROTECTION  
Solutions for Electrical Systems



# nVent Solutions Provide Key Advantages

- nVent provides innovative connection and protection solutions that are well-suited for eMobility, Energy Storage, and Renewables (solar and wind) applications
- We help our customers lower the overall cost of implementation, while increasing design flexibility as well as system safety and reliability

## Design Flexibility

- Achieve a more compact panel
- Options for customizable solutions, or 'off-the-shelf' components

## Lower Cost of Implementation

- Significantly reduce install labor

## Safety and Reliability

- Gain peace-of-mind knowing nVent products meet the highest standards for safety and performance



*Low-voltage systems from  
80A to 7400A and rated up to  
1000V AC & 1500V DC*

We deliver **low voltage power** distribution solutions that **reduce total installed cost** and **increase design flexibility** by providing a comprehensive range of **innovative and reliable products** through global end user application expertise and intimacy.

# Highlights about the nVent ERIFLEX Advanced Flat Conductors

- nVent ERIFLEX Flexibar Advanced – Insulated Flexible Busbar



- From 125 to 6000 A



- Available in standard 2 or 3 meters
- Other length on request



- nVent ERIFLEX IBSB Advanced – *Insulated Braided Conductor*



- From 80 to 1250 A



- From 230 mm to 1030 mm
- Other length on request



# nVent ERIFLEX Flexible Power Conductors

- nVent ERIFLEX Flexibar Advanced flexible busbar

Lower Cost of Implementation

Design Flexibility

Safety and Reliability



## Integral Palm Terminations

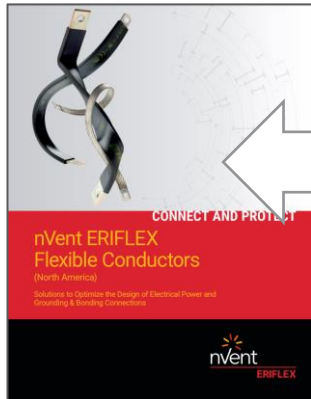
- Eliminates the need for crimped lugs, significantly reducing labor time (and cost)
- Connects directly to the circuit breaker without the lug

## nVent ERIFLEX Advanced Technology Insulation

- Proprietary low smoke, halogen-free, flame-retardant insulation

## Low Profile, Lightweight and Flexible

- Provides many ways to compress a panel
- No required bend radius
- Well suited for connections in tight spaces



[LINK](#)

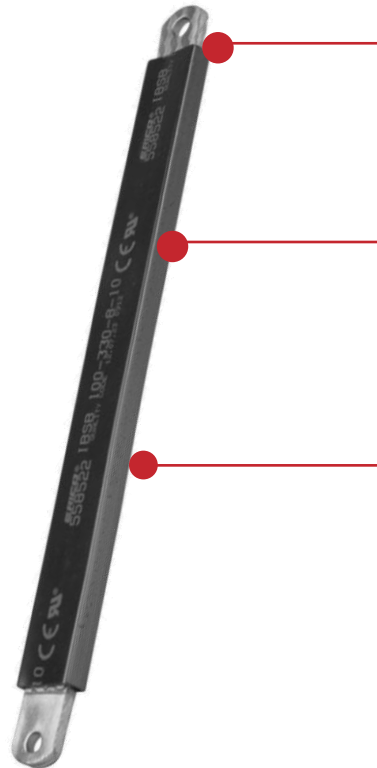
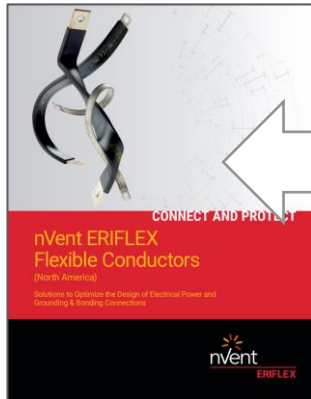
# nVent ERIFLEX Flexible Power Conductors

- nVent ERIFLEX IBSB Advanced Insulated Braided Conductor

Lower Cost of Implementation

Design Flexibility

Safety and Reliability



## Integral Palm Terminations

- IBSB utilizes a proprietary process to form the palms
- Eliminates the need for crimped lugs, significantly reducing labor time (and cost)

## nVent ERIFLEX Advanced Technology Insulation

- Proprietary low smoke, halogen-free, flame-retardant insulation

## Low Profile, Lightweight and Flexible

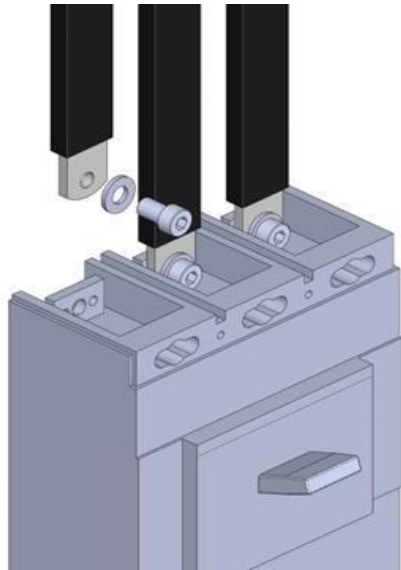
- Provides many ways to compress a panel

## Available in Standard Sizes

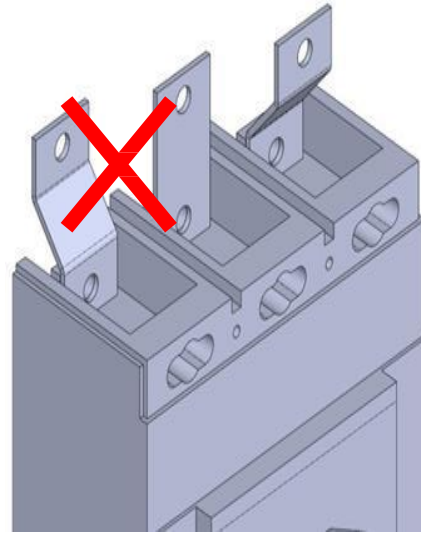
- Pre-fabricated (off-the-shelf) standard sizes from 9 in to 40 inches in length
- Designed to connect to the most common circuit breakers

# Ideal Circuit Breaker Connection

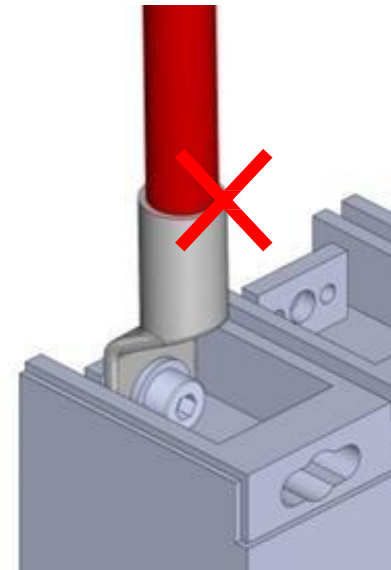
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Direct connection with  
IBS & IBSB ADVANCED





No spreader, no extender needed

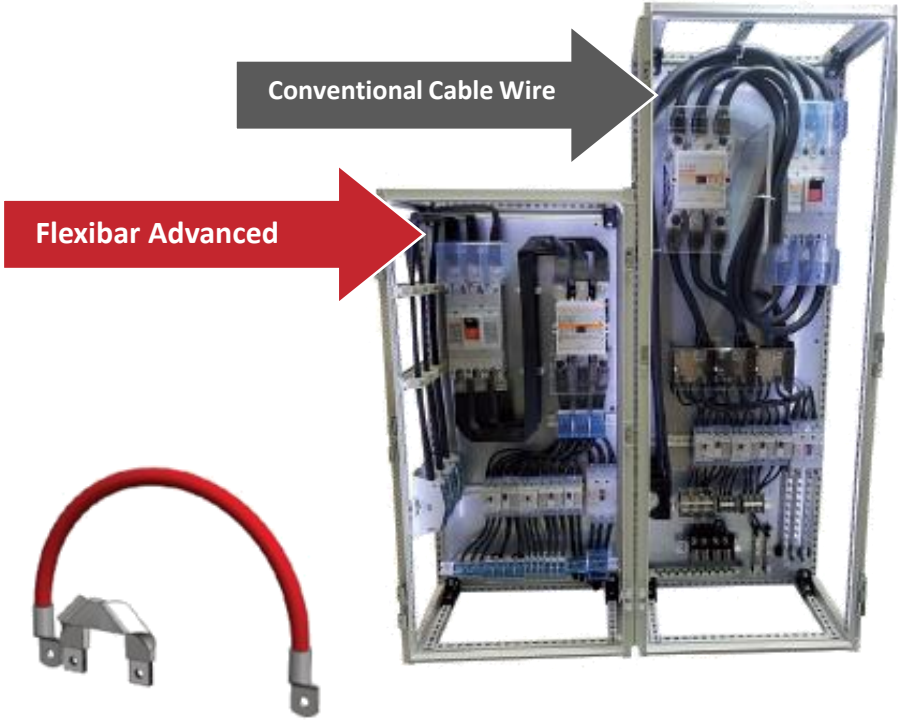


No lug, no tools needed



# Panel Comparison: nVent ERIFLEX vs. Conventional Connections

nVent ERIFLEX Flexibar Advanced	Conventional Cable Wire
	
<ul style="list-style-type: none"> <li>Flexible to fit in tight spaces</li> </ul> <p><i>Can be customized (length and bend), arriving pre-formed</i></p>	<ul style="list-style-type: none"> <li>Rigid, Stiff, Limited Range of Bend</li> </ul>
<ul style="list-style-type: none"> <li>Low profile (flat), light-weight</li> </ul> <p>Flexibar Advanced consumes <b>20% LESS VOLUME</b> than conventional cable wire which allows for <i>more compact panels</i>, and provides space to add more <i>high value equipment</i> within a panel</p>	<ul style="list-style-type: none"> <li>Round conductor, more spatial constraints</li> </ul>
<ul style="list-style-type: none"> <li>Integral palm terminal</li> </ul> <p>not require cutting and crimping during installation, <b>REDUCING LABOR TIME</b> by as much as 40%</p>	<ul style="list-style-type: none"> <li>Cable/lug termination requires cutting and crimping during installation</li> </ul>



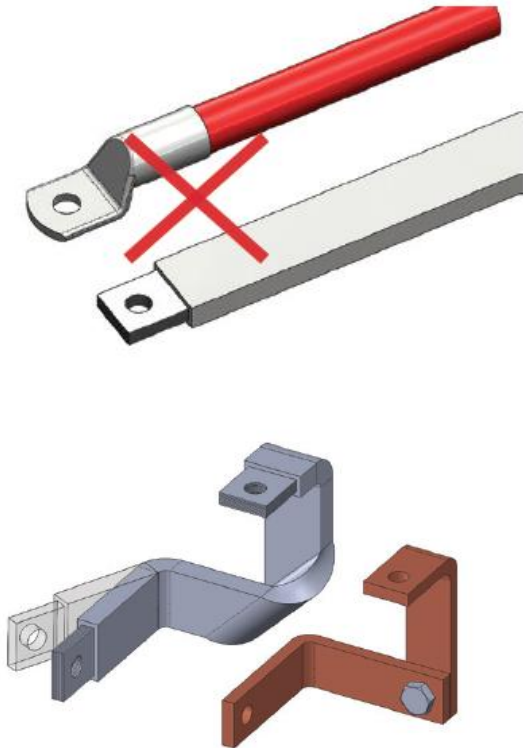
### A More Compact Panel

In a side-by-side comparison of two similar electrical panels, the lefthand panel with **Flexibar Advanced** is **20%** smaller than the panel on the right featuring **Conventional Cable Wire**.

# Highlights about the nVent ERIFLEX Advanced Flat Conductors

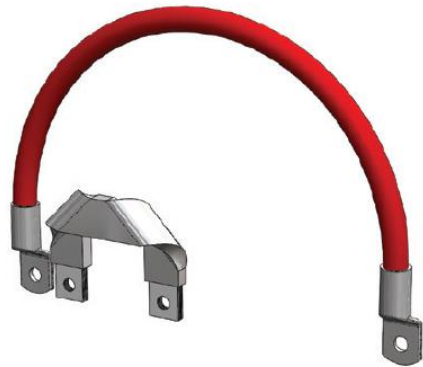
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- Reduced assembly time and cost
- Higher throughput
- Number of hot spots reduced leading to greater reliability

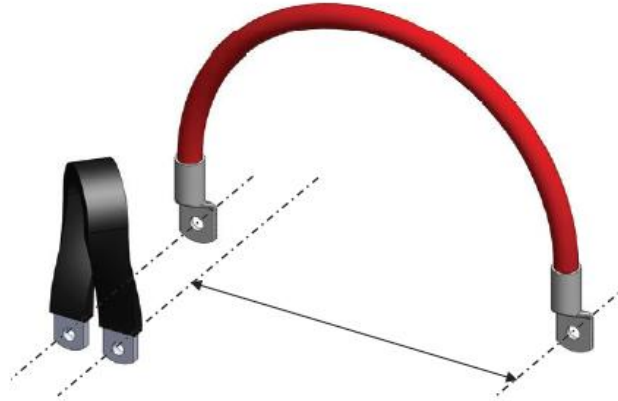


# Highlights about the nVent ERIFLEX Advanced Flat Conductors

- Reduced cross-section leads to **space** and **weight savings**
- Field maintenance simplified



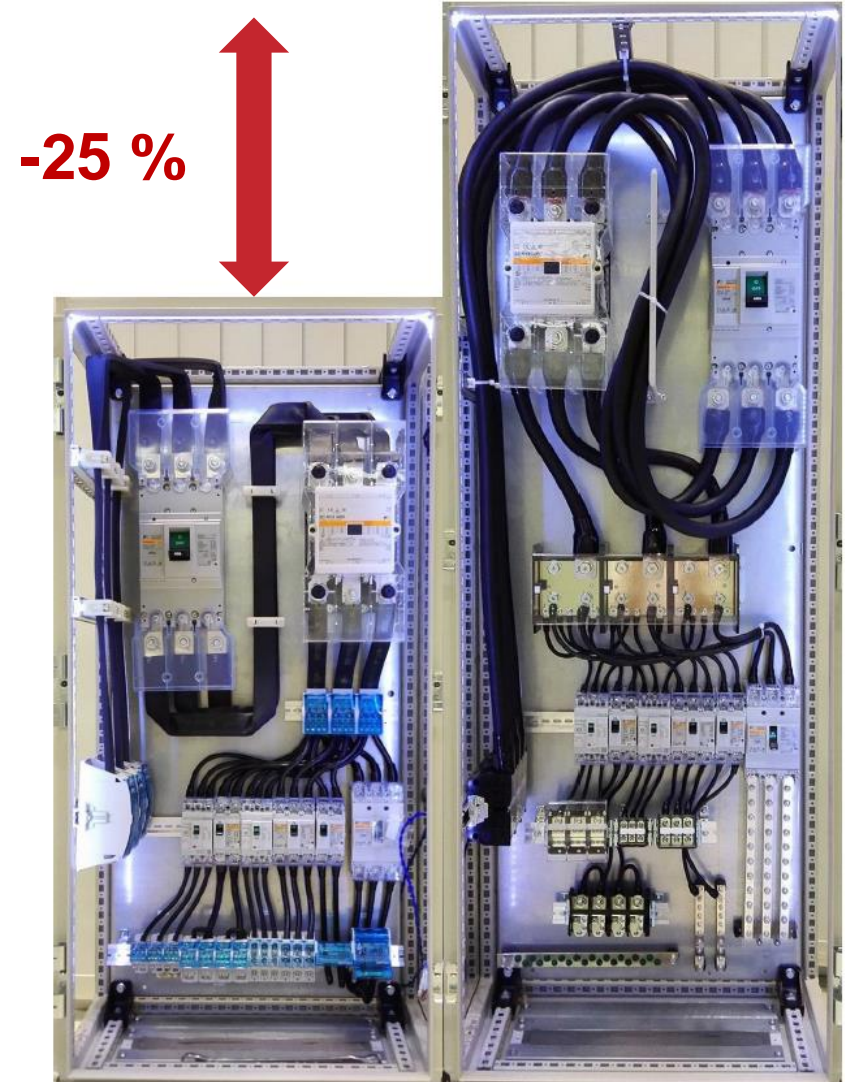
Flexibar Adv.



IBSB Adv.



nVent ERIFLEX Advanced Conductors feature a **reinforced insulation** as defined in IEC 61439-1 or UL 60950





# Highlights about the nVent ERIFLEX Advanced Conductors

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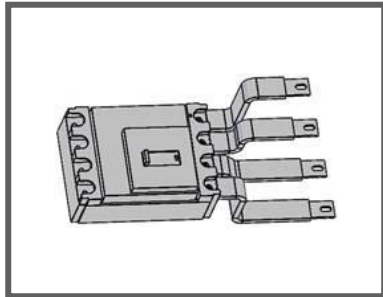
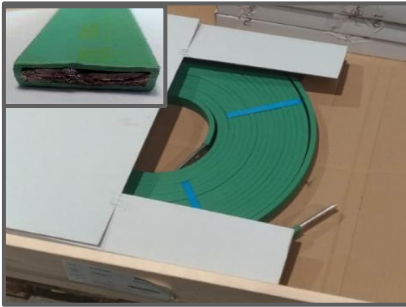
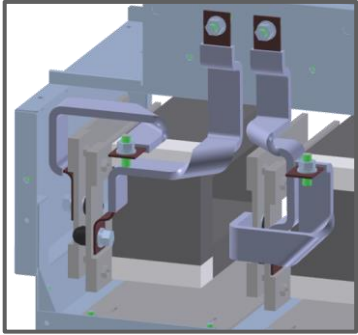


- What does **Advanced** stand for?

# nVent ERIFLEX Engineering and Design Services



# Engineering & Made-to-Order Capabilities



**A COMPLETE SET OF SOLUTIONS FOR LOW VOLTAGE AND GROUNDING APPLICATIONS**

nVent ERIFLEX has the products and engineering support you need to specify and build a complete range of solutions for industries like, energy, transportation, construction and other applications where low voltage power storage and transmission are critical.

**North America**  
Tel: 1-800-258-7700

**Europe and Middle East**  
Tel: 41-0710-422

**Asia**  
Tel: 65-6745-8221

**India**  
Tel: 91-22-4254-1855

**Custom Engineered and Made to Order Flexible Electric Conductors**

**We connect and protect**

**nVent ERIFLEX**

**Use the form below to help specify your project needs, or contact your local sales representative.**

**CUSTOM SOLUTIONS (MADE-TO-ORDER) - CHECK LIST**

Use the form below to get started with our Made-To-Order solutions. If you have questions or prefer to discuss these specifications with an nVent ERIFLEX engineer, please email or call your local sales representative. Provide as much information as you can and our expert team will help you build a complete solution with trusted products.

<b>Electrical Function:</b>	<b>Material:</b>
Earthing/grounding conductor <input type="checkbox"/>	Red/gold copper <input type="checkbox"/>
Power conductor <input type="checkbox"/>	Tinned copper <input type="checkbox"/>
Nominal current _____ A <input type="checkbox"/>	Stainless steel <input type="checkbox"/>
Alternating or direct current <input type="checkbox"/>	Aluminum <input type="checkbox"/>
Nominal voltage _____ V <input type="checkbox"/>	Other _____ <input type="checkbox"/>
Insulation specification (if required) _____ <input type="checkbox"/>	<b>Environment:</b>
	Ambient temperature _____ °C/°F
	Operating temperature _____ °C/°F
	Conductor maximum temperature _____ °C/°F
	Humidity (dry/wet/moist) _____ %RH

**Extremity/Terminal Dimensions:**

Indicate your dimensions on the proposed terminal drawing or make a sketch showing your needs.

**Conductor Dimensions:**

Availability Drawing  Specification  Samples

Cross Section \_\_\_\_\_ mm/kcmil

Flat or Round Section \_\_\_\_\_ mm/in

Width of the Conductor \_\_\_\_\_ mm/in

Thickness of the Conductor \_\_\_\_\_ mm/in

Length of the Conductor \_\_\_\_\_ mm/in

Quantity \_\_\_\_\_

**nVent ERIFLEX delivers low voltage power distribution solutions that reduce total installed cost and increase design flexibility by providing a comprehensive range of innovative and reliable products through global end user application expertise.**

**NVENT ERIFLEX ENGINEERING SUPPORT**

nVent ERIFLEX engineering experts can support your system design, provide technical and configuration advice, and help quote your complete low voltage power solution.

Trusted nVent solutions include: nVent ERIFLEX Flexibar Advanced, Braids and IBS/IBSB Advanced - all designed to meet your most challenging panel design and production requirements.

**nVent ERIFLEX**

## nVent ERIFLEX Engineering Support

- Provides technical and configuration advice
- Helps quote your complete low voltage power solution
- Trusted solutions include: nVent ERIFLEX Flexibar Advanced, Braids & IBS/IBSB Advanced
- All designed to meet your most challenging panel design and production requirements


## nVent ERIFLEX Software Support

- Assisted product selection
- IEC Power losses (heat dissipation)
- <https://eriflex-configurator.nvent.com/eriflex/>

# nVent ERIFLEX Blocks

- nVent ERIFLEX Distribution Blocks (1) and Power Blocks (2)


- Lower Cost of Implementation
- Design Flexibility
- Safety and Reliability



[LINK](#)

CONNECT AND PROTECT

Distribution Blocks, Power Blocks, Power Terminals



**Patented Design**

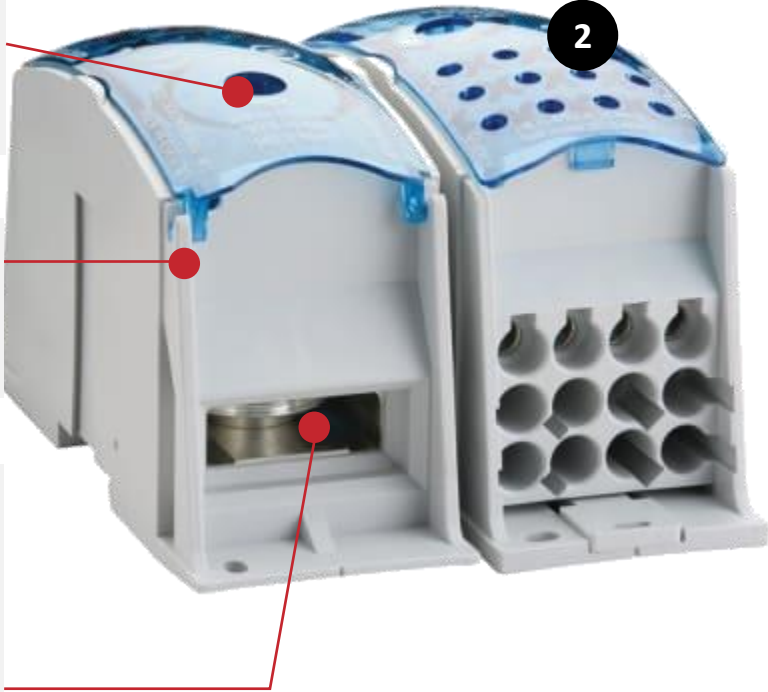
- Transparent blue screw retaining cover
- Inspection window confirmation of the wire connection

**Modular, Gangable**

- Snap-together modules to built multi-pole blocks

**Easy Installation, Compatibility**

- Easily clips onto DIN rail or mounts to panel with screws
- Integrates well with nVent ERIFLEX conductors as well as conventional cable – righthand power block has flat input for nVent ERIFLEX Flexibar Advanced flexible busbar

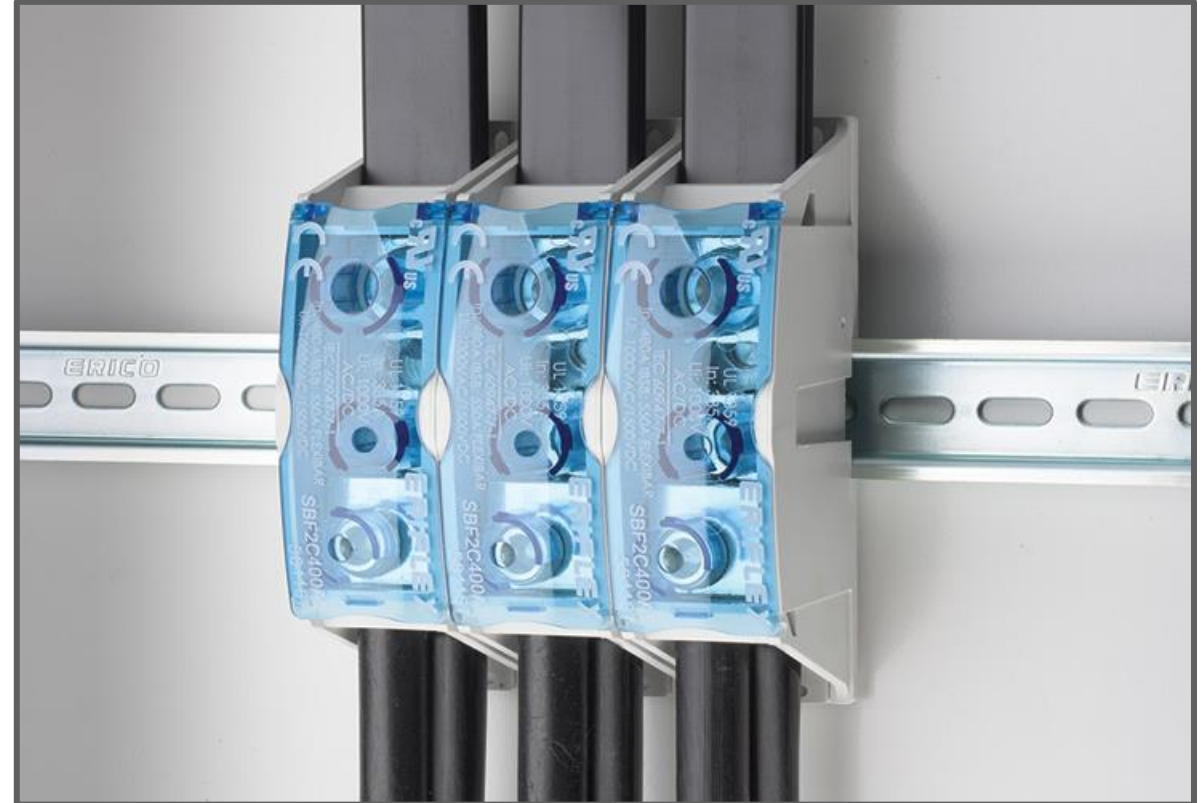


Blocks with 1,000 VAC/DC Max Working Voltage, UL are ideal for solar applications



# Highlights about the nVent ERIFLEX Distribution Solutions

- Old way vs. New Way



nVent ERIFLEX  
Flexibar Advanced

nVent ERIFLEX  
IBSB Advanced

nVent ERIFLEX UD  
Distribution Blocks



# nVent ERIFLEX Busbar Supports

- nVent ERIFLEX CABS (1) and Insulators (2)

Lower Cost of Implementation

Design Flexibility

Safety and Reliability

## nVent ERIFLEX CABS Engineered, Configurable Solution

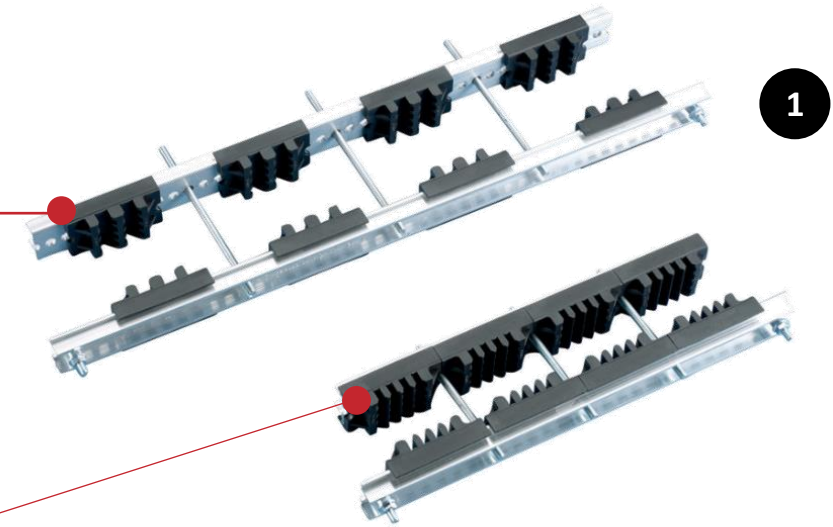
- Configurable using off the shelf nVent ERIFLEX components
- SCCR (short circuit current rating) up to 200 kA

## nVent ERIFLEX Advanced Technology Insulation (both)

- Low Smoke, Halogen-Free, Flame Retardant
- Dielectric material

## Easy Installation of nVent ERIFLEX low Voltage Insulators

- Features built-in hex
- Insulator voltages 1000 VAC / 1500 VDC



[LINK](#)



nVent ERIFLEX  
Busbar Supports

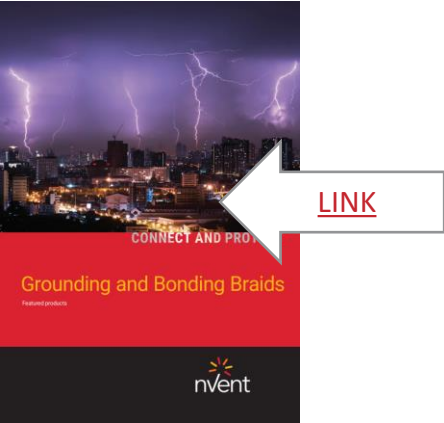
nVent ERIFLEX  
Flexibar Advanced

nVent ERIFLEX Power  
Terminals

# nVent ERIFLEX Grounding and Bonding Braids

- nVent ERIFLEX MBJ Braid (1), CPI Stainless Steel Braid (2), and MBJYG Insulated Braid(3)

- Lower Cost of Implementation
- Design Flexibility
- Safety and Reliability



**Integral Palm Terminations**

- Eliminates the need for crimped lugs, significantly reducing labor

**Flexible**

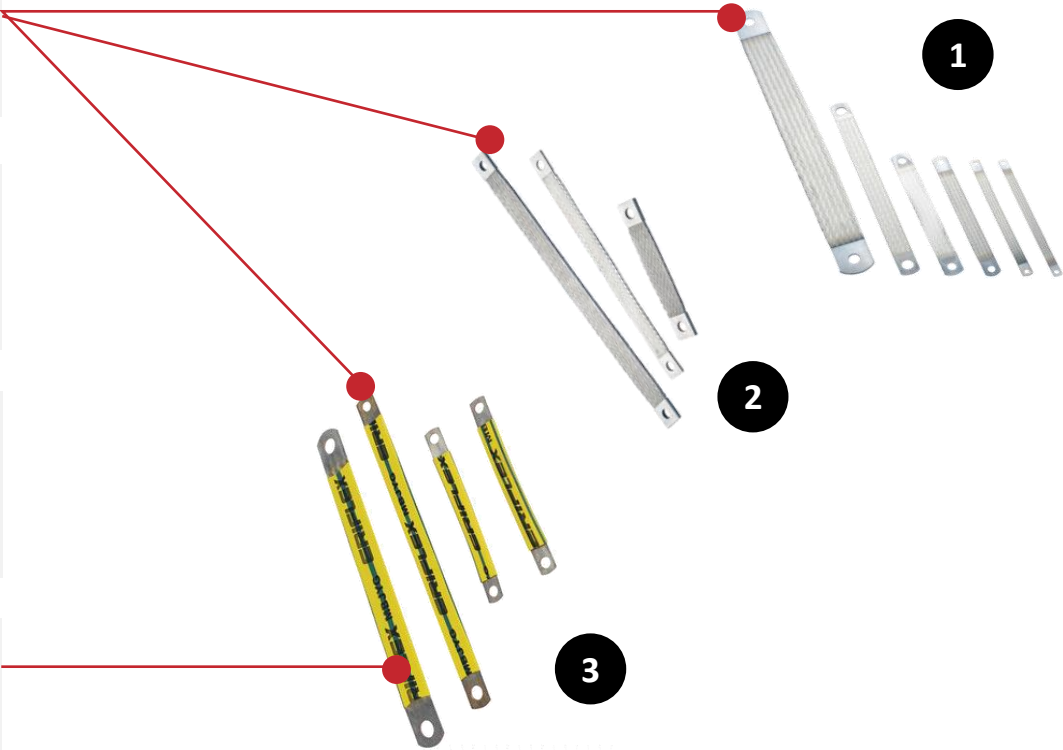
- Complete range of earth/ground flexible connections

**Durable**

- Resistant to vibration and fatigue

**Halogen Free Insulation**

- ROHS compliant



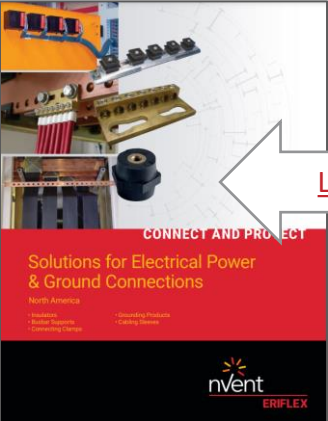
# Grounding Neutral Busbars and Accessories

- nVent ERIFLEX CB Connecting Bar (1), and wider Grounding Neutral Busbar and Accessories product group (2)

Lower Cost of Implementation

Design Flexibility

Safety and Reliability



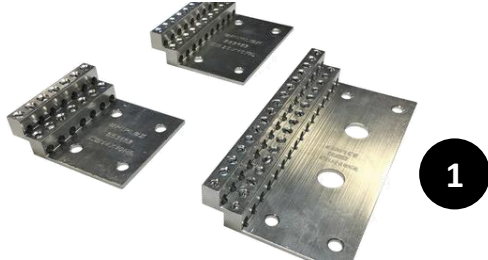
[LINK](#)

**Comprehensive Product Range**

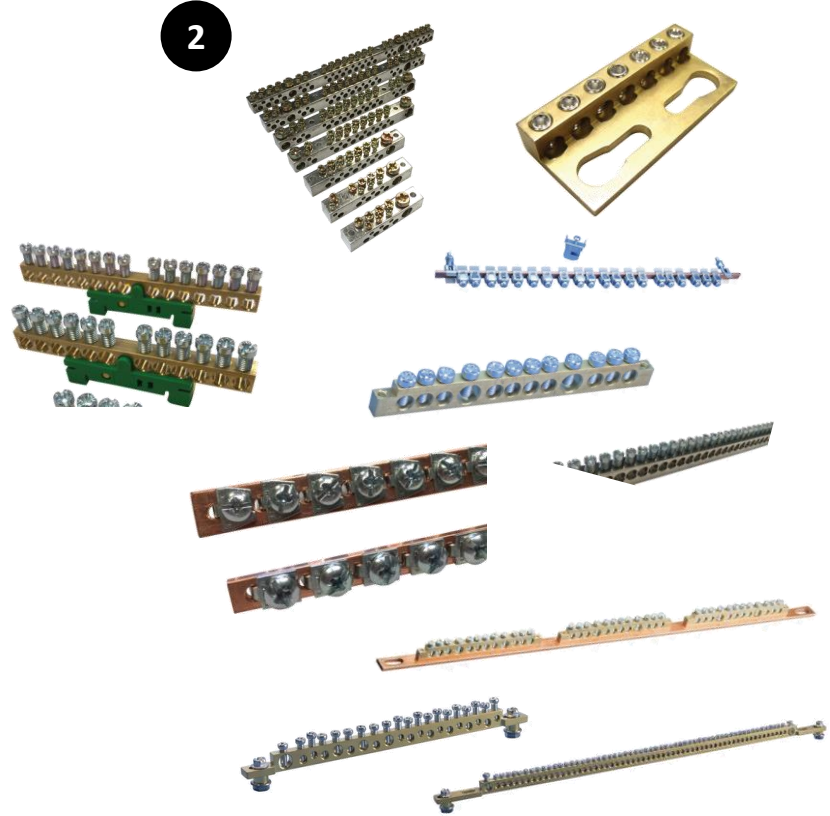
- Used to connect earthing conductors within a panels across a range of applications including renewables

**Ideal for Solar**

- nVent ERIFLEX CB Connecting Bars (pictured below) are idea for collecting DC current from a solar panel



1



2

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# nVent ERIFLEX Flexbus System

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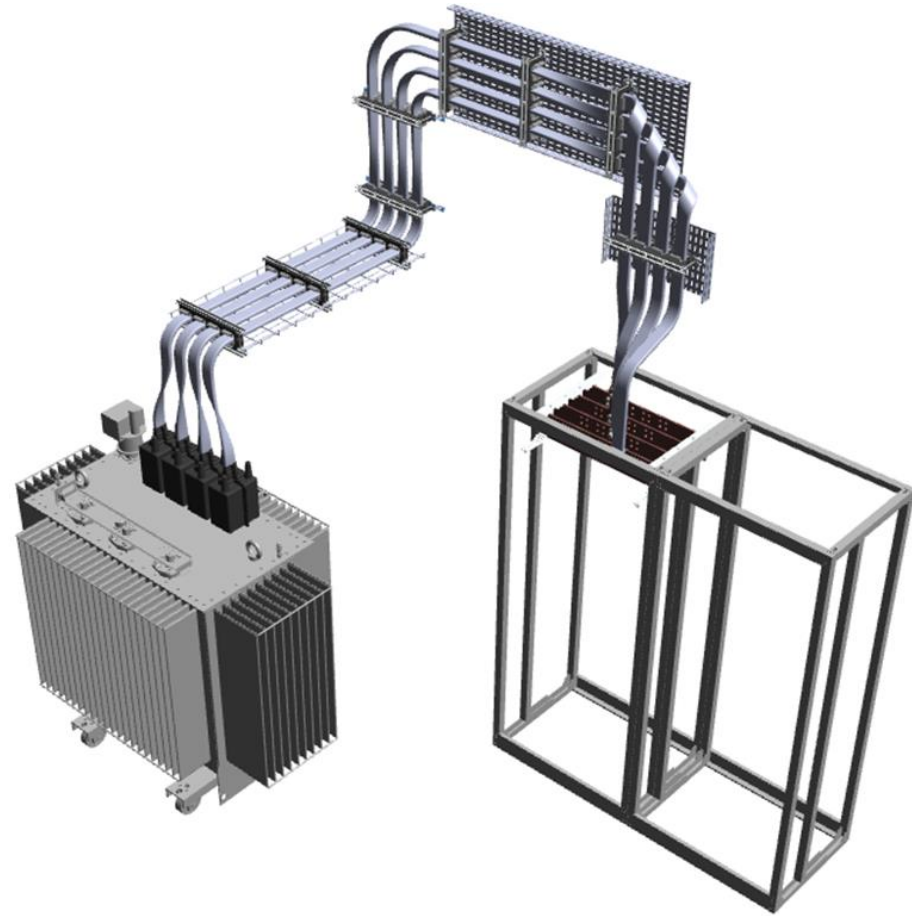
To interconnect electrical equipment



# Highlights about the nVent ERIFLEX Flexbus System

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- Innovative and patented connection solution between two pieces of electrical equipment, such as a transformer, switchboard, generator or large UPS
- From 500 A to 4,700 A
- An alternative solution on the market
- Quicker installation
- Reduction of total installed cost





# Highlights about the nVent ERIFLEX FleXbus System

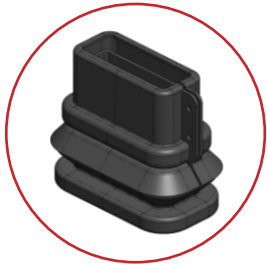
**FleXbus Conductor:** Flexible and flat braid copper-plated aluminum.



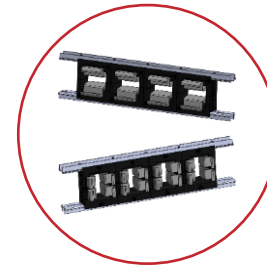
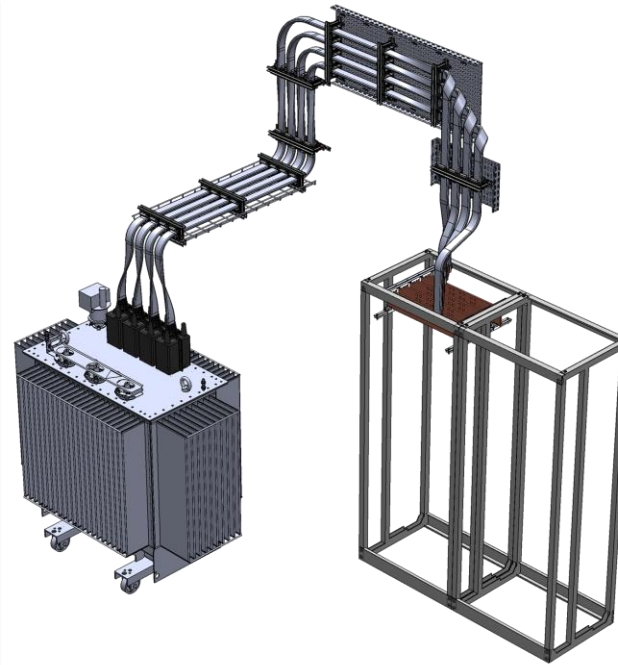
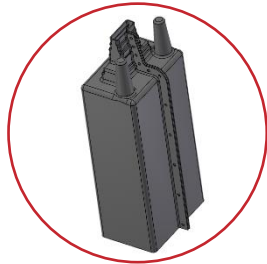
**Advanced Technology Insulation:** Thermoplastic Elastomer (TPE), LSHFFR and High Temperature.



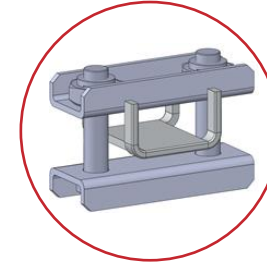
**nVent ERIFLEX FleXbus IP55 Conductor Entry:** Can be used for switchboard and/or power supply cover (dust and waterproof).



**nVent ERIFLEX FleXbus IP2x Boots and Cover:** to cover the HCBC clamp connected on the power supply palms.



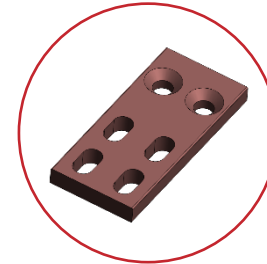
**nVent ERIFLEX FleXbus Support Kits:** Flat or edge.



**nVent ERIFLEX FleXbus HCBC Clamp and Plate for Power Supply Connection:** Fix FleXbus conductor to the power supply palm or rigid busbar.



**nVent ERIFLEX FleXbus Fire Barrier System:** Quick and easy to install.



**nVent ERIFLEX FleXbus Palm Extender for Switchboard Connections.**

# Highlights about the nVent ERIFLEX Flexbus System



Versatile and customizable



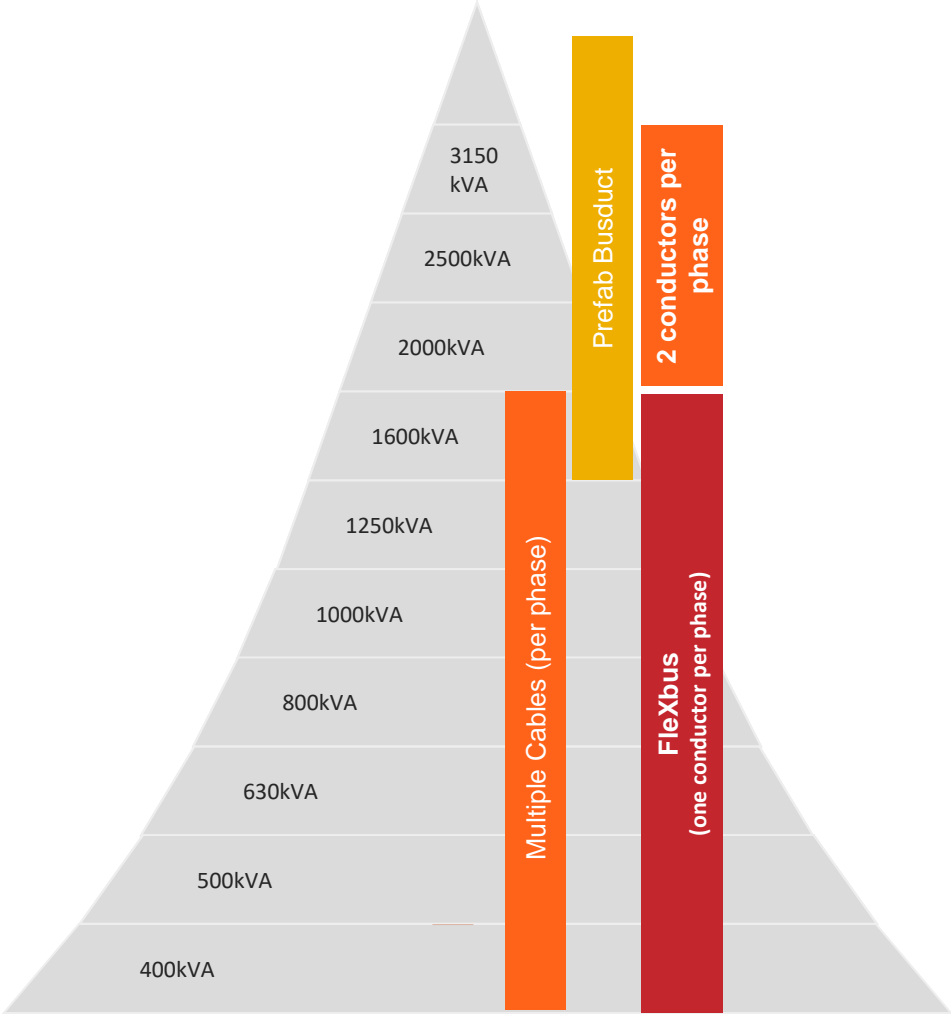
Ease of installation



Space Saving

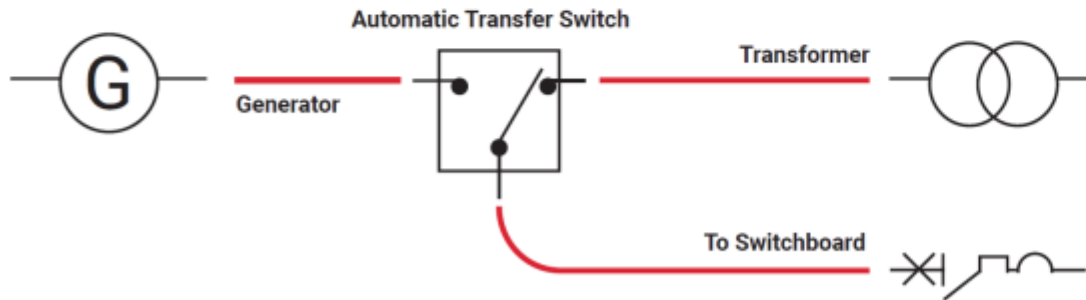


Time Saving

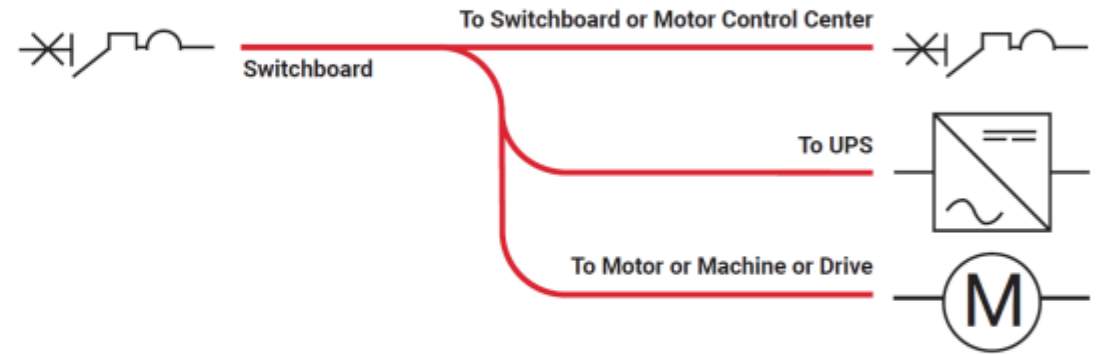


# nVent ERIFLEX FleXbus Typical Applications

## Upstream from Protection Device




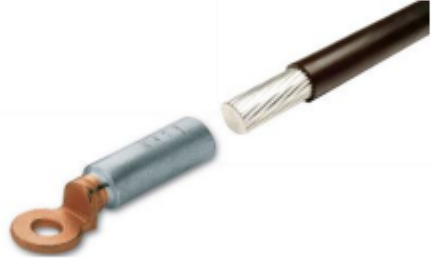


## Downstream from Protecting Device



# nVent ERIFLEX Flexbus vs. Cables and Busduct

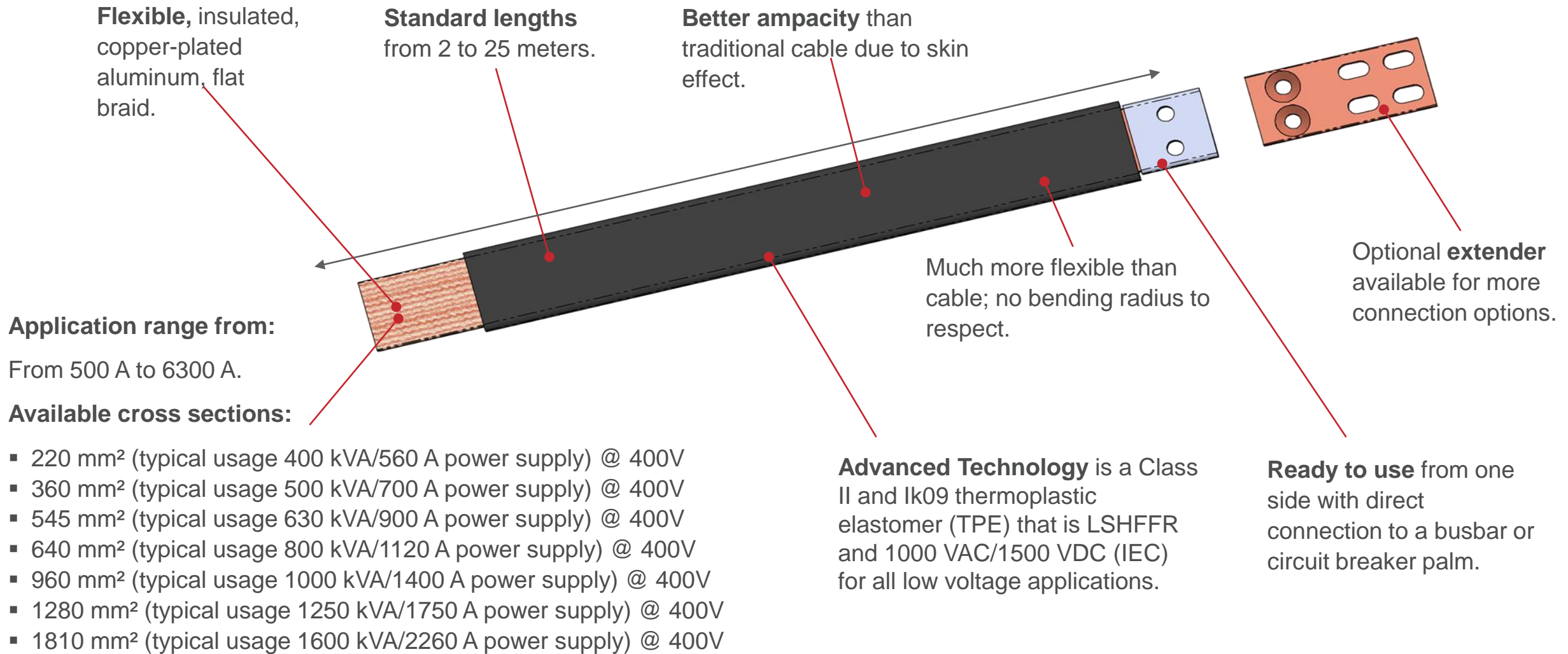


Unique solution that fits all power supply applications

HV/LV Transformer 410V at secondary	Current LV - In (A)	 Typical usage Copper cable / phase	 Typical usage Aluminum cable / phase	 Typical power Busduct usage	 Flexbus conductor / phase
400 kVA	560	1x240mm <sup>2</sup> ●	2x240mm <sup>2</sup> ●●		1x220mm <sup>2</sup> █
500 kVA	704	2x185mm <sup>2</sup> ●●	3x240mm <sup>2</sup> ●●●		1x360mm <sup>2</sup> █
630 kVA	900	2x240mm <sup>2</sup> ●●	4x240mm <sup>2</sup> ●●●●		1x360mm <sup>2</sup> █
800 kVA	1120	3x185mm <sup>2</sup> ●●●	4x240mm <sup>2</sup> ●●●●		1x545mm <sup>2</sup> █
1000 kVA	1400	4x185mm <sup>2</sup> ●●●●	4x300mm <sup>2</sup> ●●●●		1x960mm <sup>2</sup> █
1250 kVA	1760	4x240mm <sup>2</sup> ●●●●	4x400mm <sup>2</sup> ●●●●	Busduct	1x960mm <sup>2</sup> █
1600 kVA	2253	5x240mm <sup>2</sup> ●●●●●		Busduct	1x1810mm <sup>2</sup> █
2000 kVA	2816	6x240mm <sup>2</sup> ●●●●●●		Busduct	2x960mm <sup>2</sup> █ █
2500 kVA	3520	8x240mm <sup>2</sup> ●●●●●●●●		Busduct	2x960mm <sup>2</sup> █ █
3150 kVA	4435			Busduct	2x1810mm <sup>2</sup> █ █
3600 kVA	5069			Busduct	3x1280mm <sup>2</sup> █ █ █
4000 kVA	5632			Busduct	3x1810mm <sup>2</sup> █ █ █
4500 kVA	6336			Busduct	3x1810mm <sup>2</sup> █ █ █

Reduce the number of conductors

# nVent ERIFLEX FleXbus Conductor



# nVent ERIFLEX Flexbus High Current Busbar Clamp (HCBC) and Plate



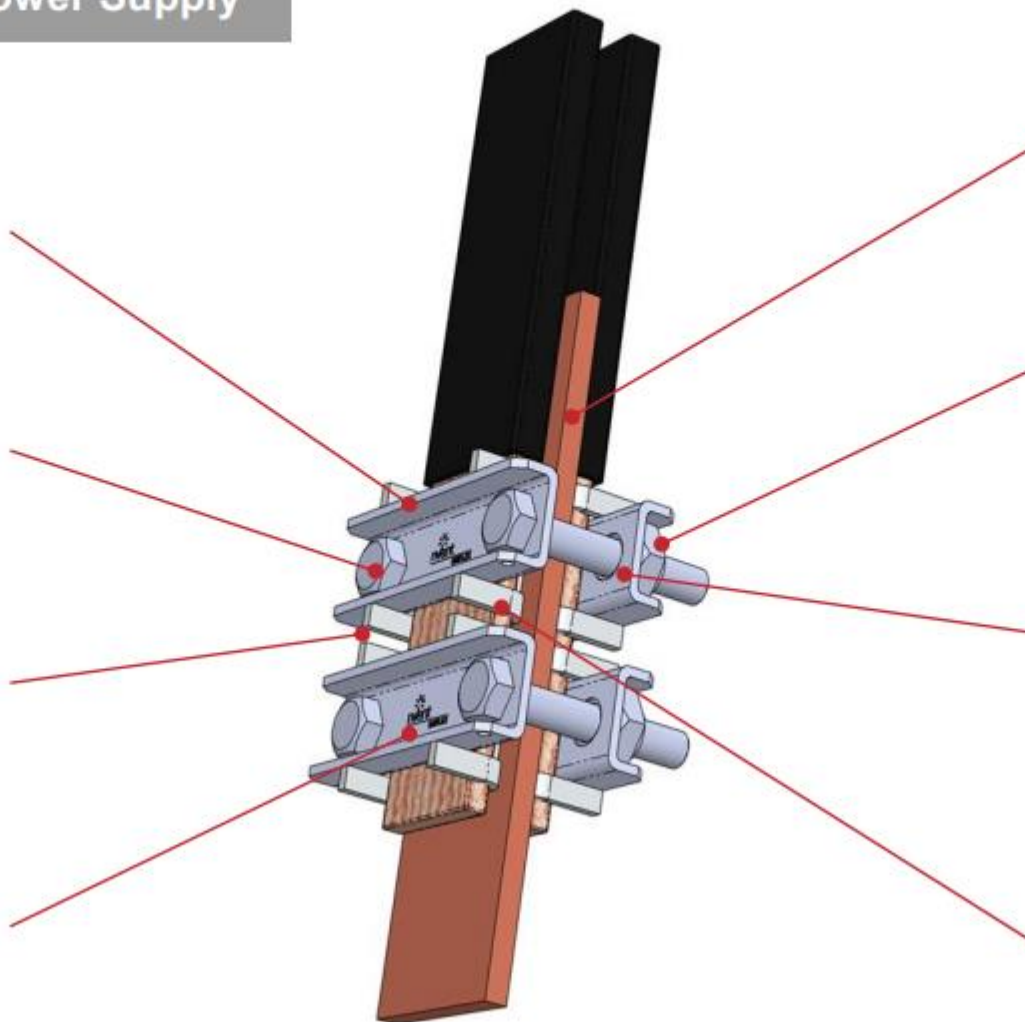
Easy and Quick Connection to Power Supply

HCBC has a **rigid design**, assures even contact pressure and installs **quickly and easily**, making it ideal for **on-site modifications**.

HCBC fixes the Flexbus conductor to the power supply palm without drilling.

HCBC is made with **non-magnetic stainless steel for high-current connections** to prevent the formation of magnetic fields.

HCBC Plate is available in **two versions** for different Flexbus conductor widths: 50 mm and 100 mm.



HCBC Plate allows for Flexbus conductor **insulation overlap** to the connection palm.

HCBC utilizes a **crimped, self-locking nut** for vibration resistance and easy installation.

HCBC comes in **five sizes** to adapt to different power supply terminal widths: 63/80/100/120/160 mm.

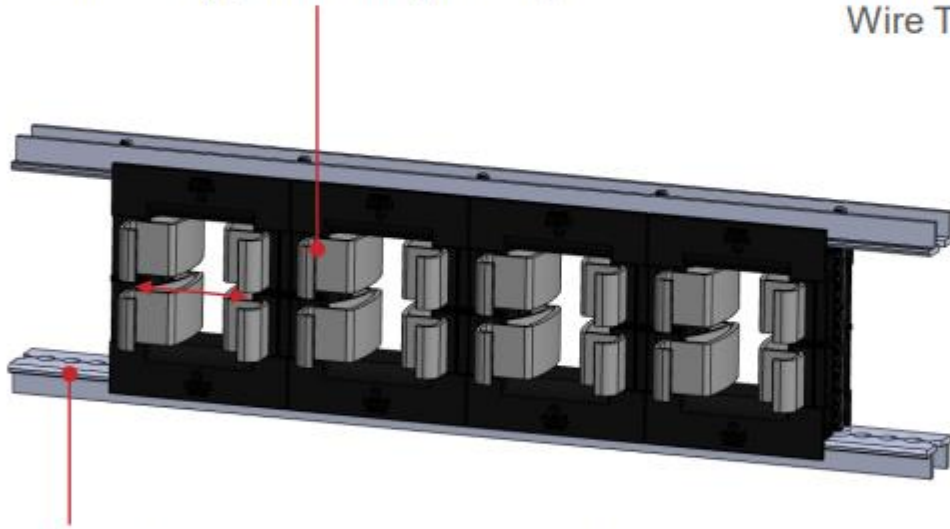
HCBC Plate is made of rigid tinned copper to provide a good electrical contact and to maintain braid expansion during compression.

# nVent ERIFLEX Flexbus Conductor Support Kits

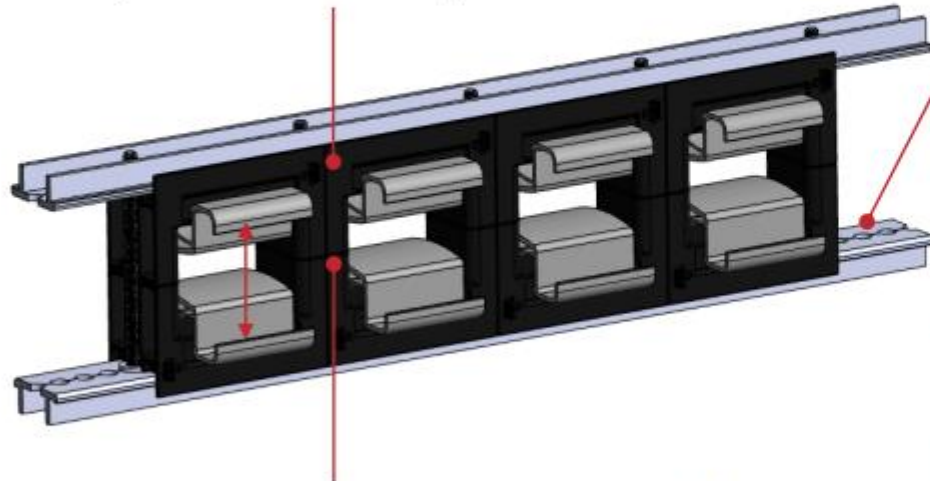
## Flat and Edge Supports

**Adjustable clip** to adapt the support with different conductor thicknesses (open/closed position).

Made with glass fiber-reinforced polyamide, **halogen-free**, RoHS compliant, working temperature of  $-40^{\circ}\text{C}$  to  $130^{\circ}\text{C}$ , flammability rated to UL 94 V-0 and IEC 60695-2-11 (Glow Wire Test  $960^{\circ}\text{C}$ ) and low smoke as per ISO 5659-2.



**Punched-hole aluminum profile** to fix the support directly on the wall, on the ceiling or on cable tray (wire/perforated/ladder cable tray). Optional brackets are available.



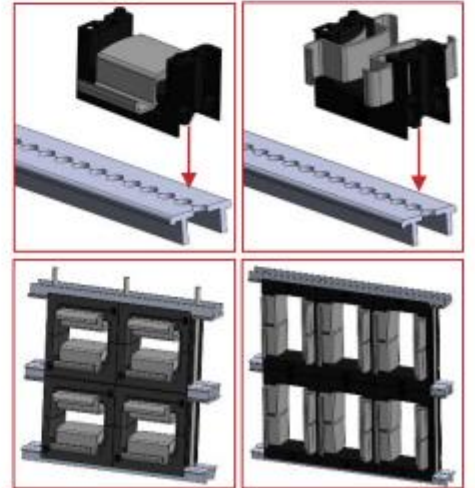
**Flexbus support kits** are easy to mount, with multiple configurations possible.

- 3P / 3P+N / 3P+PEN...
- One or two conductors per phase
- Side by side or on top
- Adjustable distance between each conductor (12.5 mm pitch)

**Strong mechanical resistance** and short-circuit tested as per IEC 61914 up to 67 kA rms – 147 kA Peak

Flat

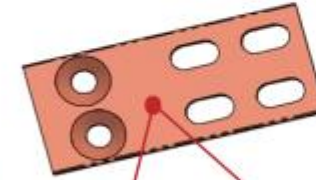
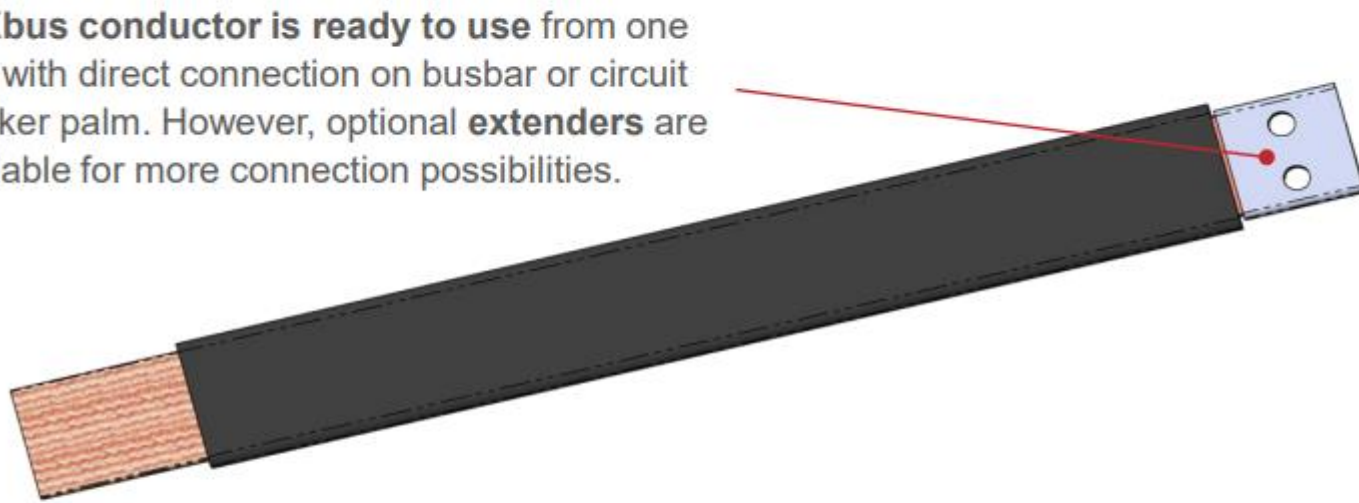
Edge



# nVent ERIFLEX Flexbus Palm Extender

## Unlimited Connection Capability

Flexbus conductor is ready to use from one side with direct connection on busbar or circuit breaker palm. However, optional **extenders** are available for more connection possibilities.



**Palm Extender** connects the busbar to the switchboard, air circuit breaker or load break switch.



**Type 1**  
Predrilled  
Flat



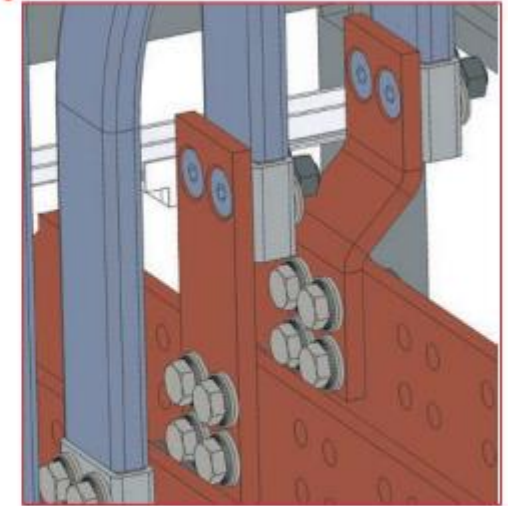
**Type 2**  
Plain  
Flat



**Type 3**  
Plain  
Bended

### Optional extenders cross-section:

- 50x10 mm for Flexbus Conductor 220, 360, 545 and 640 mm<sup>2</sup>
- 100x10 mm for Flexbus Conductor 960, 1280 and 1810 mm<sup>2</sup>



Ready-to-use conductor



# nVent ERIFLEX Flexbus Fire Barrier System



## Minimize the Spread of Fire

**Foam Barrier System (FBS)** is a two-component, polyurethane, expanding, sound-, smoke- and fire-stopping seal for hard-to-reach locations, which expands to up to five times its volume.

**Fire Barrier Blocks (FBBs)** are highly elastic moldable blocks.

**Easy access** for difficult-to-reach openings. Various applications with only two products:

- Aging resistant
- Smoke resistant
- Damp resistant
- Re-enterable and repairable
- Excellent adhesion
- No backing material required
- F-rating/E-rating up to two hours
- T-rating/L-rating up to two hours



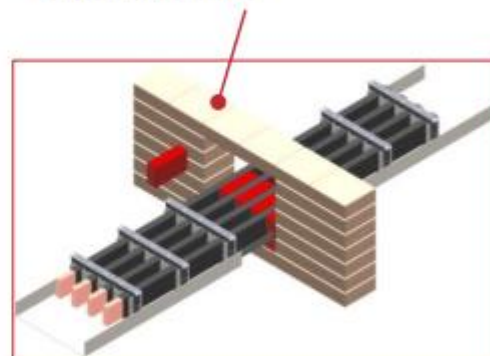
## Flexbus Insulating Bandage (FIB):

Intumescent wrap on the basis of butyl rubber with intumescent fire protection additives and glass fabric reinforcement. To be used around Flexbus conductors if the thickness of the penetration seal is < to 200 mm.

**Fire Barrier:** Quick and easy to install. Up to two-hour fire resistance (EI 120), with ETA (CE Marked) and EN 1366-3 tested or UL-Certified ASTM E-814 (UL 1479).

## Building material:

- Concrete (wall and floors)
- Masonry
- Flexible wall



According to IEC 60364

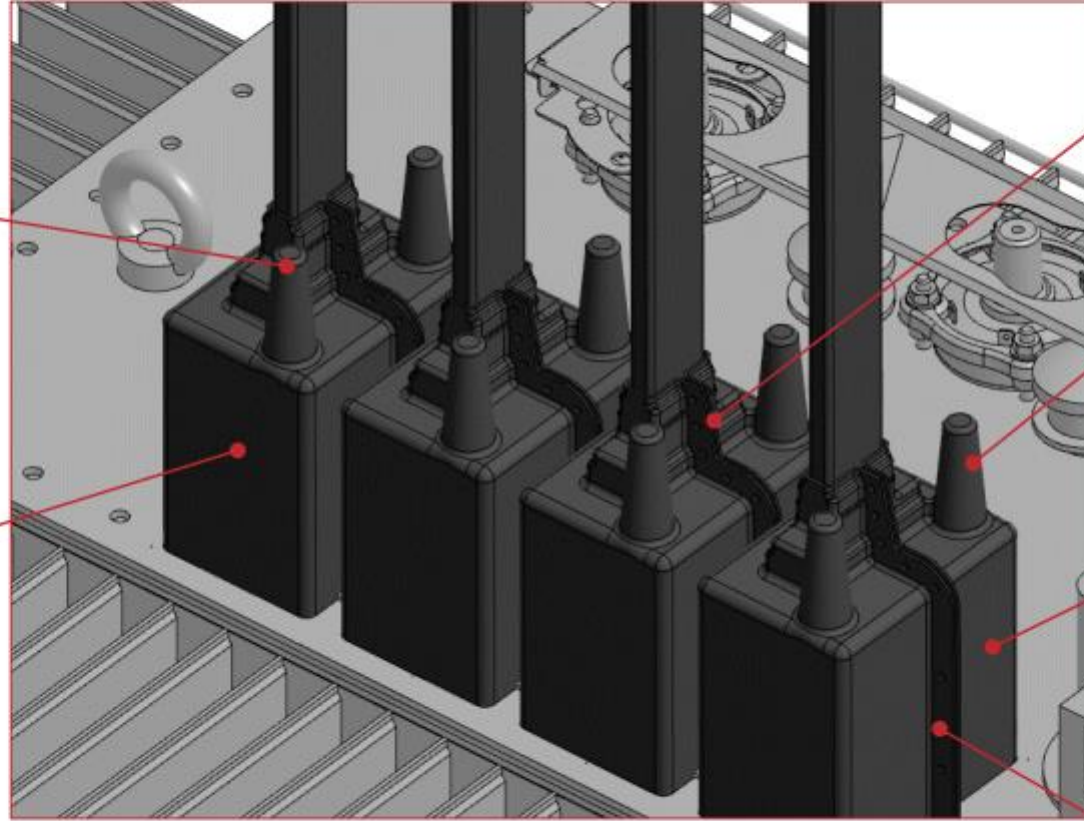
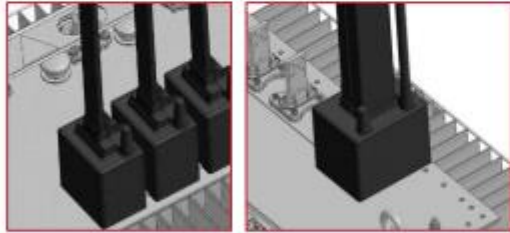
# nVent ERIFLEX Flexbus IP2x Boots



## Prevent Unintentional Contact

**IP2x Boots** for use when a transformer or generator is not equipped with its own cover. Provides an IP2x protection (finger safe) to the low-voltage connecting point. Provides protection against accidental contact with live parts greater than 12 mm.

Made with high resistant and flexible PVC, **flame retardant and 140°C temperature resistant.**



**IP2x Boots can be adapted to any conductor cross section** by cutting the top material with a traditional safety cutter.

Input/Output for neutral/ground conductor.

**IP2x Boots can be adapted to any transformer or generator palm size and height** by cutting the bottom material with a traditional safety cutter.

**Easy and quick to install** with closing clips, after conductor installation.

**Safety feature**

# nVent ERIFLEX Flexbus IP55 Conductor Entry

## Protect Against Water and Condensation

Made with soft PVC to **follow any conductor bending radius**.

The sealing around the conductor is made with a **self-fusing tape** with a strong adhesive.

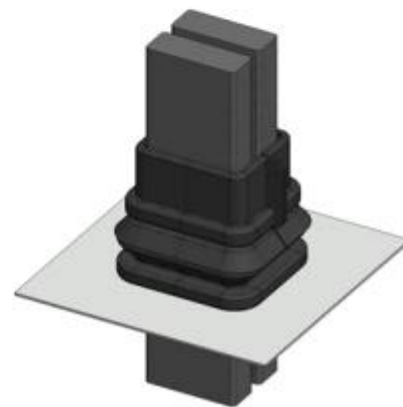
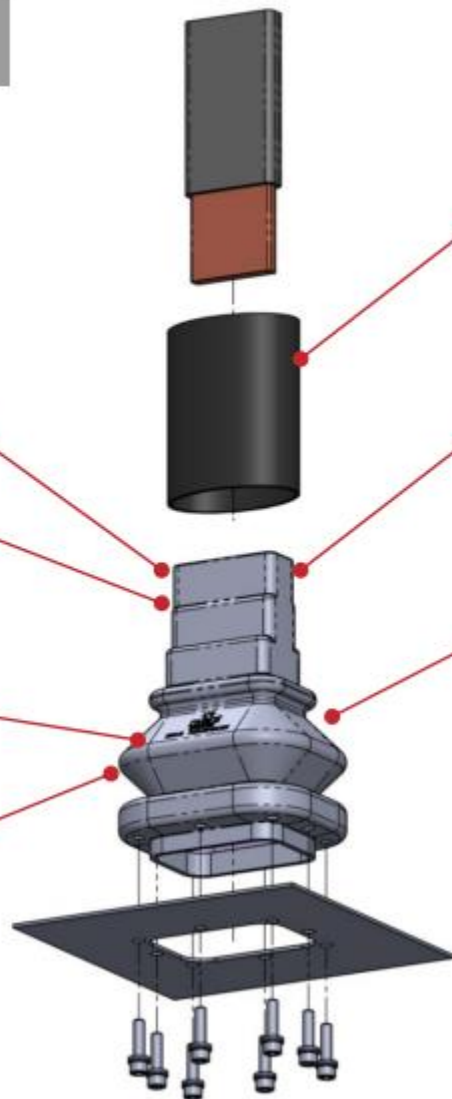
**IP55 Conductor entry** can be used for switchboard and/or power supply cover to upgrade installation to IP55 level (**dust and waterproof**).

High acid and basic resistance Good resistance to solvent and hydrocarbon splashes Good UV resistance.

Optional IP66 upgrade Kit

IP55 Conductor entry **can be adapted to any Flexbus conductor cross section** by cutting the top material with a traditional cutting tool.

Made with highly resistant and flexible PVC, **Flame retardant, and 140°C temperature resistant**.



\*Also available as two conductors per phase

# nVent ERIFLEX FleXbus Accessories

## Stripper Cutter, Scissors and Shears

Double-blade, high-quality carbon steel and advanced plastic polymers.



Recessed blade reduces cut injuries and allows **stripping of the FleXbus conductor** insulation without damaging the conductive multiwire braid.

Scissors to cut the excess conductor length at the power supply palm.

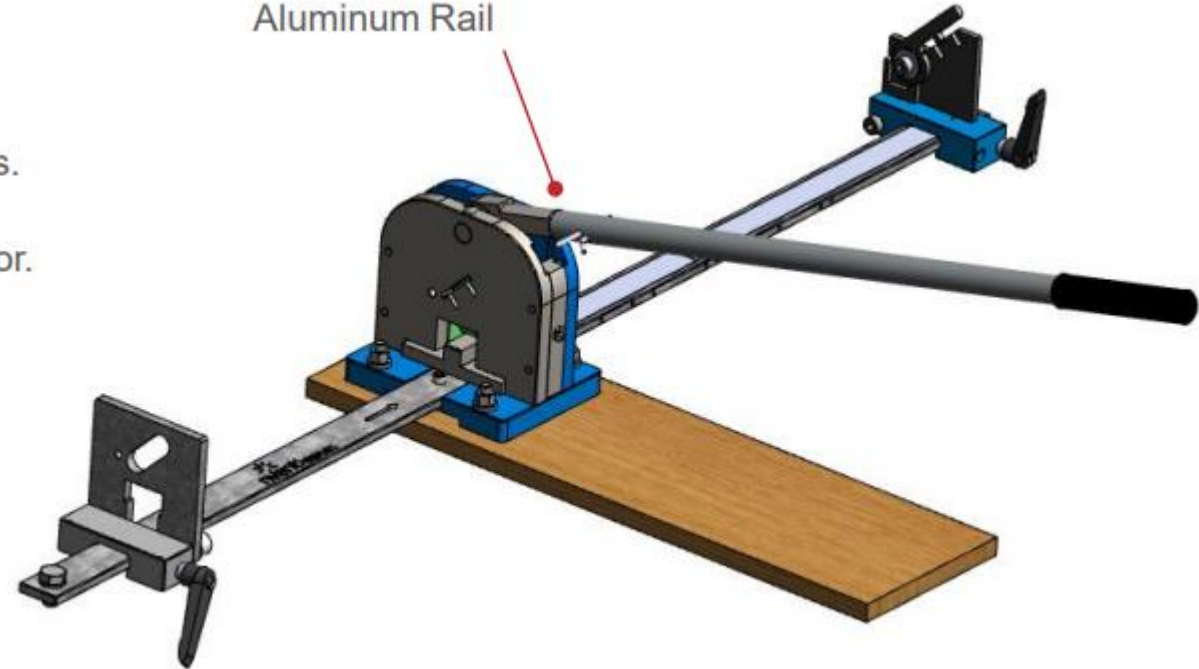


Precision-ground, hardened blades. **Clean and smooth cut** without crushing or deforming the conductor.



## Aluminum Rail Cutter and Insert Crimper :

- Cuts FleXbus Aluminum Perforated Profile without burrs or deformation and chip-free
- Precise and repetitive cuts
- Cuts M6 threaded Rods
- Crimp the threaded Rods insert on the Aluminum Rail



# nVent ERIFLEX FleXbus vs. Cables and Busduct

FleXbus



Cables and Lugs



Busduct



Pre installation measurement and study

No

No

Yes

Ready-to-use

Yes

No

Yes

On-site Customization

Yes

Yes

No

On-shelve availability

Yes

Yes

No

Bending radius / System rigidity

Flexible

Rigid

n/a

Experienced / Non experienced workforce

1 + 1

2 + 0

2 + 0

# nVent ERIFLEX FleXbus vs. Cables and Busduct

FleXbus



Cables and Lugs



Busduct



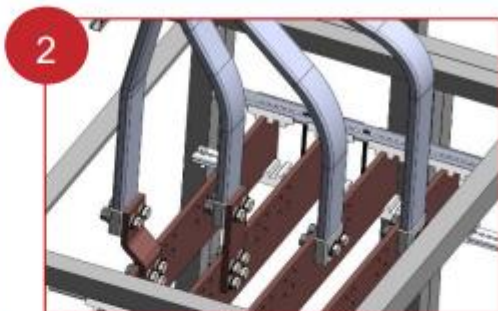
Typical current usage	From 500 to 6,300 A	< 2,000 A	> 2,000 A
Installation time	< 1 day	> 1 day	> 1 day
Number of conductors per phase	1 or 2 up to 4500A	Multiple	1 or 2
Tools needed	No	Multiple	Low
Site preparation time	No	Low	High
Reduce error risk	Low	High	Medium
Total installation cost	Low	Medium	High

# How to Install nVent ERIFLEX FleXbus



**1** Fix supports directly on the wall, ceiling or on cable tray (wire basket/perforated/cable ladder).

Use multiple possible mounting configurations to fit your installation (Flat/Edge).



**2** Connect the ready-to-use FleXbus conductor with pre-punched holes to the switchboard. This connection can be made directly onto the busbar or circuit breaker with optional palm extenders.

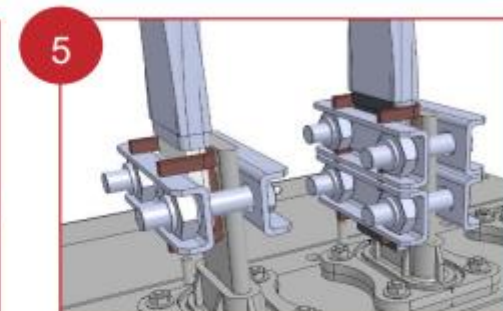


**3** Install conductors into the supports and mount the top part of the supports. Leave excess conductor length at the top of the transformer/power supply.



**4** Strip FleXbus conductor.

Cut excess length of the FleXbus with scissos or shears.



**5** Connect FleXbus conductor with HCBC clamp and plate.

Easy and quick installation sequence overview

# nVent ERIFLEX Flexbus Calculation and Selection Tool

- Our calculation and selection tool is available online. Please contact your nVent ERIFLEX representative or register online at:

[go.nvent.com/FlexbusConfigurator](https://go.nvent.com/FlexbusConfigurator)

- This tool allows users to:
  - Determine the bill of material (BoM)
  - Provide calculation note according to:
    - IEC 60364, Low Voltage Installations
    - Related European Standard, HD384
    - National Standards, NFC 15-100, DIN VDE 0100, RGIE/AREI, CEI 64-8, BS7671 and more.

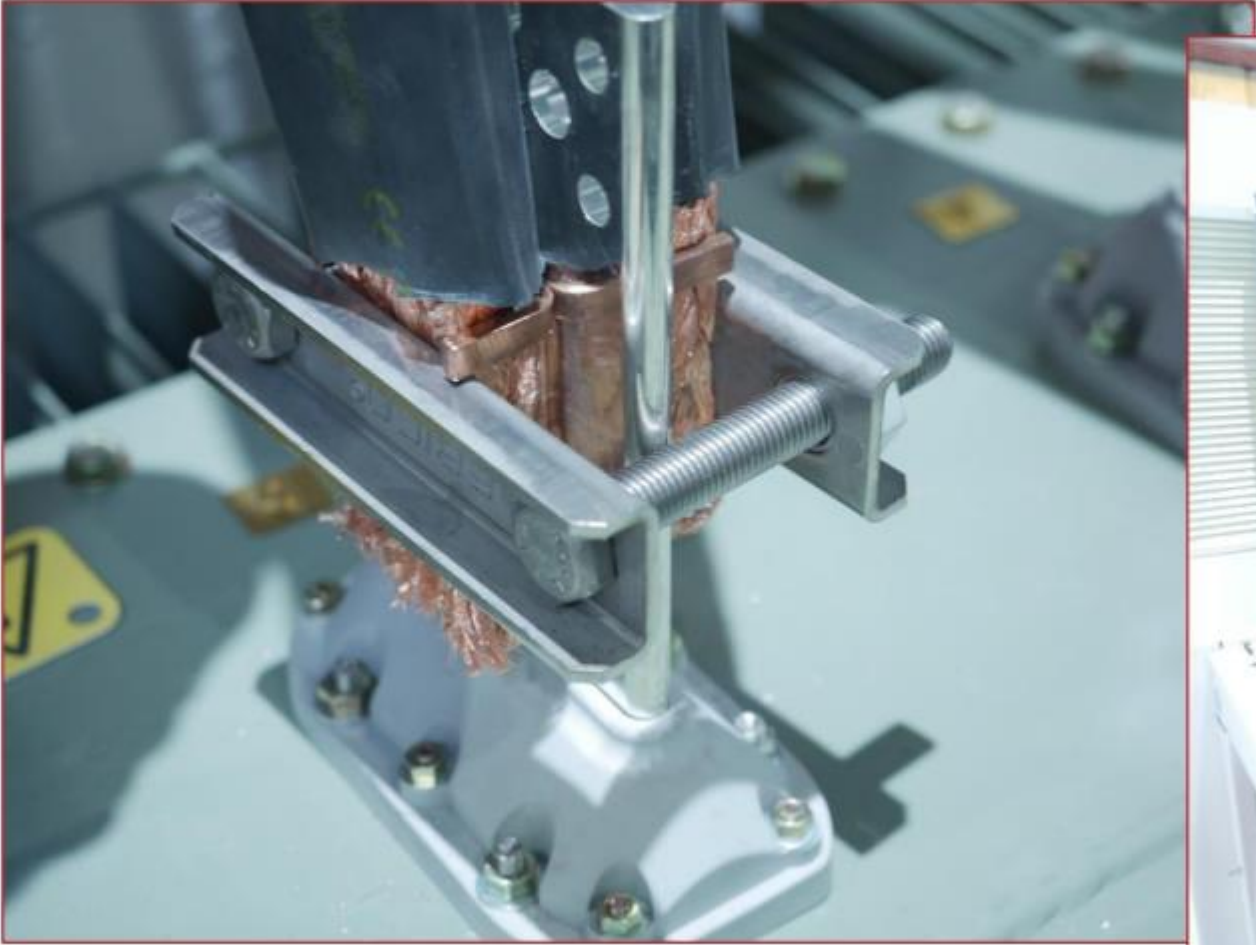
The image displays three overlapping screenshots of the nVent ERIFLEX Flexbus Calculation and Selection Tool interface. The top screenshot shows the 'Configuration' tab with various input fields for 'CIRCUIT/SOURCE' (Source Type, Source Name, Transformer Power Capacity, Current, AC Source, Voltage, Number of Phases, Transformer Main Width) and 'CONDUCTORS' (Ambient Temperature, Conductor Length Required, Conductor / Support Orientation). The 'Result' tab shows a 'Pricing' table with columns for Article Number, Description, Qty, Unit Price, and Estimated Price. The bottom-left screenshot shows a 'Result' tab with a diagram of four different Flexbus configurations and a list of accessories. The bottom-right screenshot shows a 'Result' tab with a 3D model of a Flexbus configuration and a list of accessories.



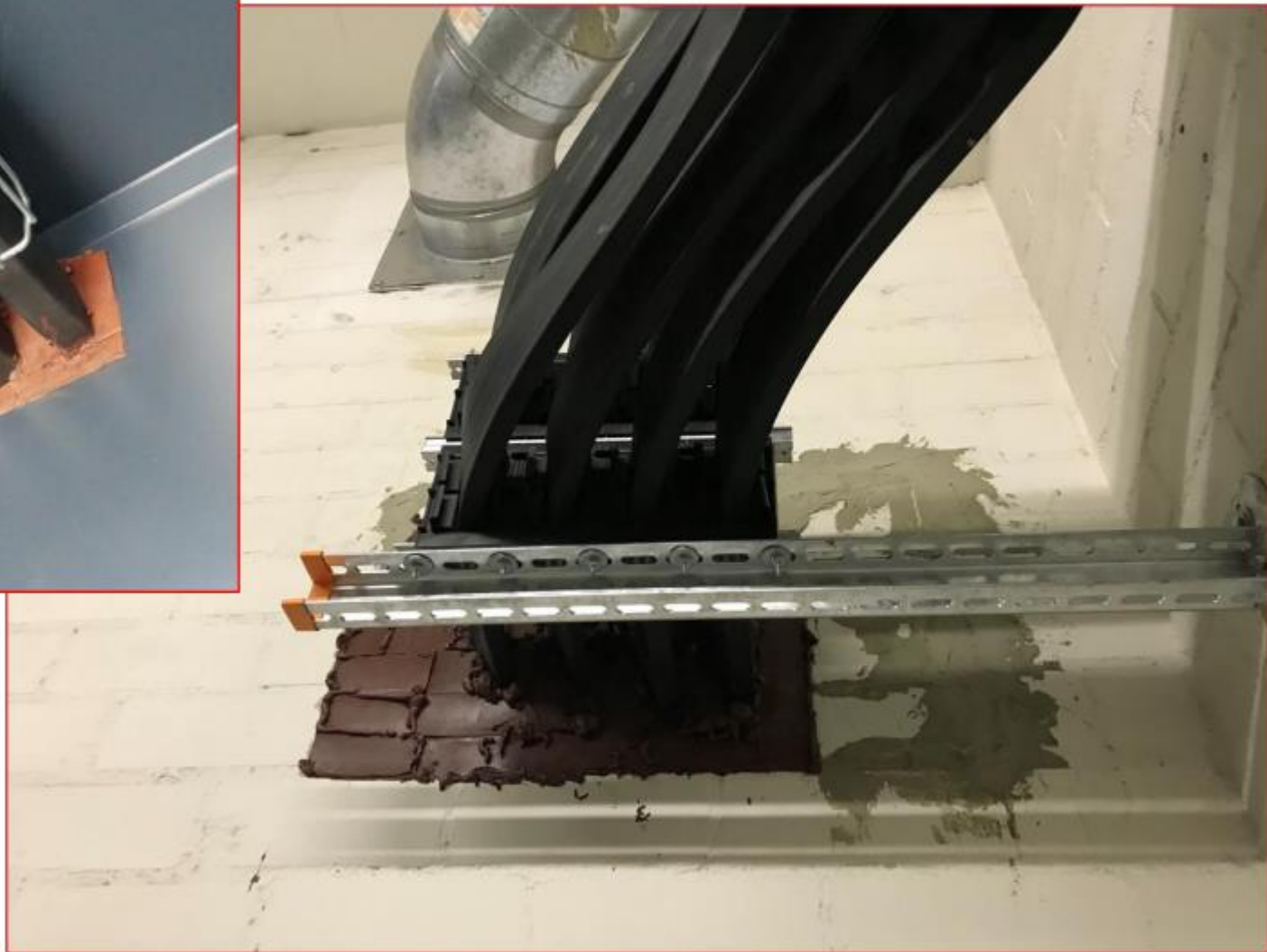
# FleXbus Application Pictures



# FleXbus Application Pictures



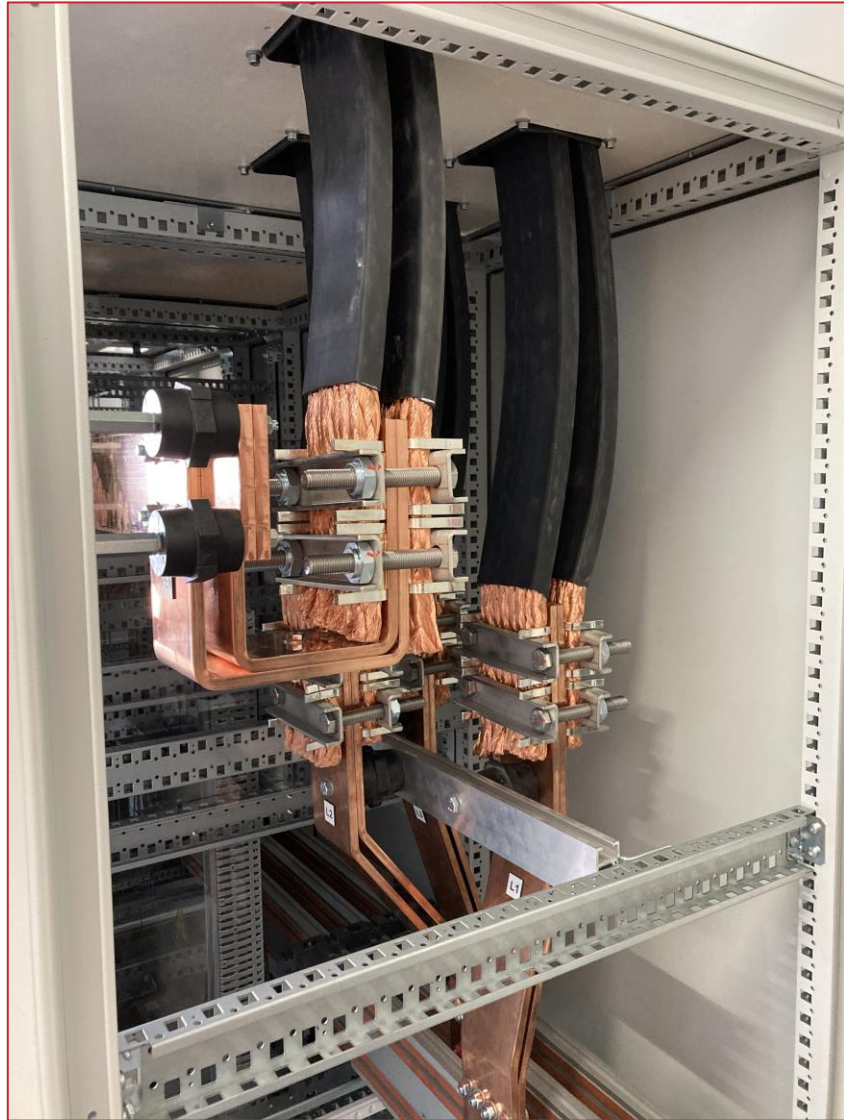
## FleXbus Application Pictures







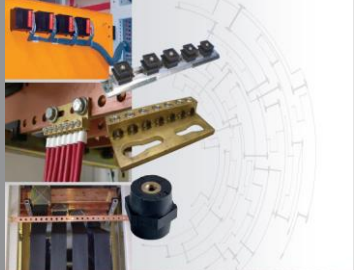





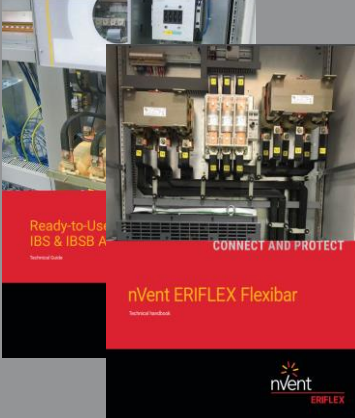

# Highlights about the nVent ERIFLEX Flexbus System



# Highlights about the nVent ERIFLEX FleXbus System

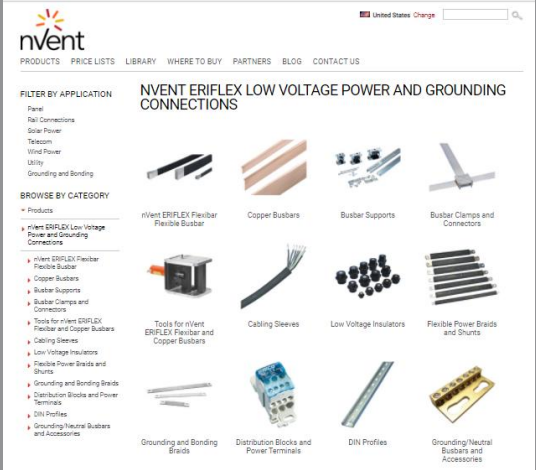


# nVent Electrical Solutions Marketing Materials

<h3>Flexible Conductors catalogue</h3>  <p>CONNECT AND PROTECT</p> <h4>Flexible Conductors</h4> <p>(North America) Solutions to Optimize the Design of Electrical Power &amp; Grounding &amp; Bonding Connections</p>  <p><a href="https://www.erico.com/catalog/literature/P1300C-UKEN.pdf">https://www.erico.com/catalog/literature/P1300C-UKEN.pdf</a></p>	<h3>Power and Distribution Blocks catalogue</h3>  <p>CONNECT AND PROTECT</p> <h4>Distribution Blocks, Power Blocks, Power Terminals</h4>  <p><a href="https://www.erico.com/catalog/literature/P1215C-UKEN.pdf">https://www.erico.com/catalog/literature/P1215C-UKEN.pdf</a></p>	<h3>Solutions for Power &amp; Ground Connections catalogue</h3>  <p>CONNECT AND PROTECT</p> <h4>Solutions for Electrical Power &amp; Ground Connections</h4> <p>North America</p> <ul style="list-style-type: none"><li>• Insulators</li><li>• Thermal Supports</li><li>• Connecting Clamps</li><li>• Grounding Products</li><li>• Cabling Systems</li></ul>  <p><a href="https://www.erico.com/catalog/literature/P1126B-UKEN.pdf">https://www.erico.com/catalog/literature/P1126B-UKEN.pdf</a></p>	<h3>Tools catalogue</h3>  <p>CONNECT AND PROTECT</p> <h4>Hydraulic &amp; Manual Tools</h4> <p>Flexible Rubber and Copper Rubber Manipulation and Transformation Solutions</p>  <p><a href="https://www.erico.com/catalog/literature/P1356B-UKEN.pdf">https://www.erico.com/catalog/literature/P1356B-UKEN.pdf</a></p>	<h3>Surges catalogue</h3>  <p>CONNECT AND PROTECT</p> <h4>Surge Protection Solutions</h4> <p>Product Selection Guide</p>  <p><a href="https://www.erico.com/catalog/literature/E1330C-UKEN.pdf">https://www.erico.com/catalog/literature/E1330C-UKEN.pdf</a></p>	<h3>Technical Guides</h3>  <p>Ready-to-Use IBS &amp; IBSB A Technical Guide</p> <p>CONNECT AND PROTECT</p> <h4>nVent ERIFLEX Flexibar</h4> <p>Technical Handbook</p>  <p>IBSB Advanced: <a href="https://www.erico.com/catalog/literature/P8701-EN.pdf">https://www.erico.com/catalog/literature/P8701-EN.pdf</a></p> <p>Flexibar Advanced: <a href="https://www.erico.com/catalog/literature/P1349W-USEN.pdf">https://www.erico.com/catalog/literature/P1349W-USEN.pdf</a></p>
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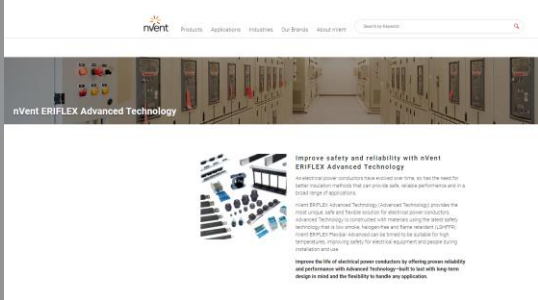
# nVent ERIFLEX Digital Content

## Website



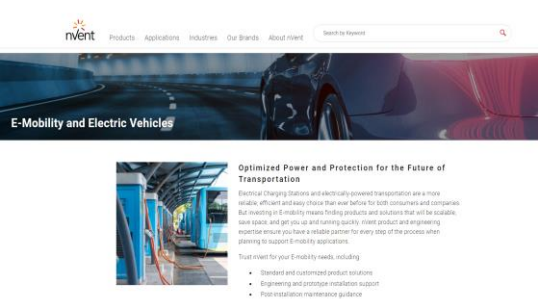
<https://www.erico.com/eriflex.asp>

## Advanced Technology



<https://www.nvent.com/en-us/products/eriflex-advanced>

## E-mobility



[EFS E-Mobility and Electric Vehicles | nVent ERIFLEX | nVent](#)

## Additional digital resources



<https://eriflex-configurator.nvent.com/eriflex/>