

**CONNECT AND PROTECT**

# Industrial Solutions



**CBC**

CARLTON-BATES COMPANY  
A SUBSIDIARY OF WESCO DISTRIBUTION, INC.



**HOFFMAN**

# Complete Solutions for Your Control and Power Systems

Choose nVent for the highest quality, most reliable nVent HOFFMAN electrical enclosures and cooling solutions, plus our complete portfolio of state-of-the-art accessories. We offer more than 12,000 standard products – including our new line of nVent ERIFLEX power and grounding connections – that enhance safety, maximize uptime and optimize panel design.

Rely on HOFFMAN and ERIFLEX for superior engineering, comprehensive agency certifications and global manufacturing capabilities, regardless of your location or operating environment.

## DESIGNING HOFFMAN ENCLOSURES JUST GOT EASIER

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With the addition of ERIFLEX products to the nVent family, you now can get the most advanced low-voltage power and grounding technology available from HOFFMAN distributors.

HOFFMAN is the leading supplier of industrial enclosures, with 70 years of domain experience. From managed indoor environments to the harshest outdoor conditions, HOFFMAN enclosures exceed the expectations of customers worldwide.

Built to the most precise global standards, HOFFMAN's comprehensive suite of enclosures and heating and cooling products offer an unparalleled range of options to protect equipment, controls and people.

Those options have expanded to include industry-leading ERIFLEX power and grounding products – the compact, lightweight alternative to traditional wire and cable. Now you can reduce the footprint of control panels without sacrificing the power, safety and performance of the equipment inside.

HOFFMAN enclosures plus ERIFLEX connections – all available from a single source – equal less hassle, faster installation and more productivity.



**HOFFMAN**





# Protect Critical Production with State-Of-The-Art Power Panels

Today's high-tech industrial environments demand unprecedented control-system performance. HOFFMAN and ERIFLEX state-of-the-art solutions safeguard even the most complex electrical control and power systems, and help keep your operation up and running.

## **HOFFMAN HAS YOU COVERED**

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HOFFMAN enclosures are designed and built to meet the critical needs of industry, from machine building and automotive manufacturing, to food and beverage production and packaging.

HOFFMAN delivers high-performance components and accessories for a multitude of applications. Those include PLC controls, high power drives and power distribution panels.

Our robust enclosures – from the most modern modular solutions to small junction boxes – defy dust, corrosive substances, temperature extremes and the harmful effects of vibration and shock.

## **ERIFLEX STREAMLINES PANEL CONNECTIONS**

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ERIFLEX low-voltage power and grounding connections are the next-generation alternatives to bulky wire and cable.

Our flexible conductors, composed of braids or laminates, bundle power and grounding connections in flat sections – without lugs.

ERIFLEX products and accessories streamline control panel assembly and installation. They require less space than traditional wire and cable, optimizing panel design and reducing overall size and weight.

## **PARTNER WITH NVENT**

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You can rely on nVent's expertly engineered control-system solutions, matched by first-class configuration and modification services from HOFFMAN and ERIFLEX. We'll work with you to design and build the best electric protection for your unique application.

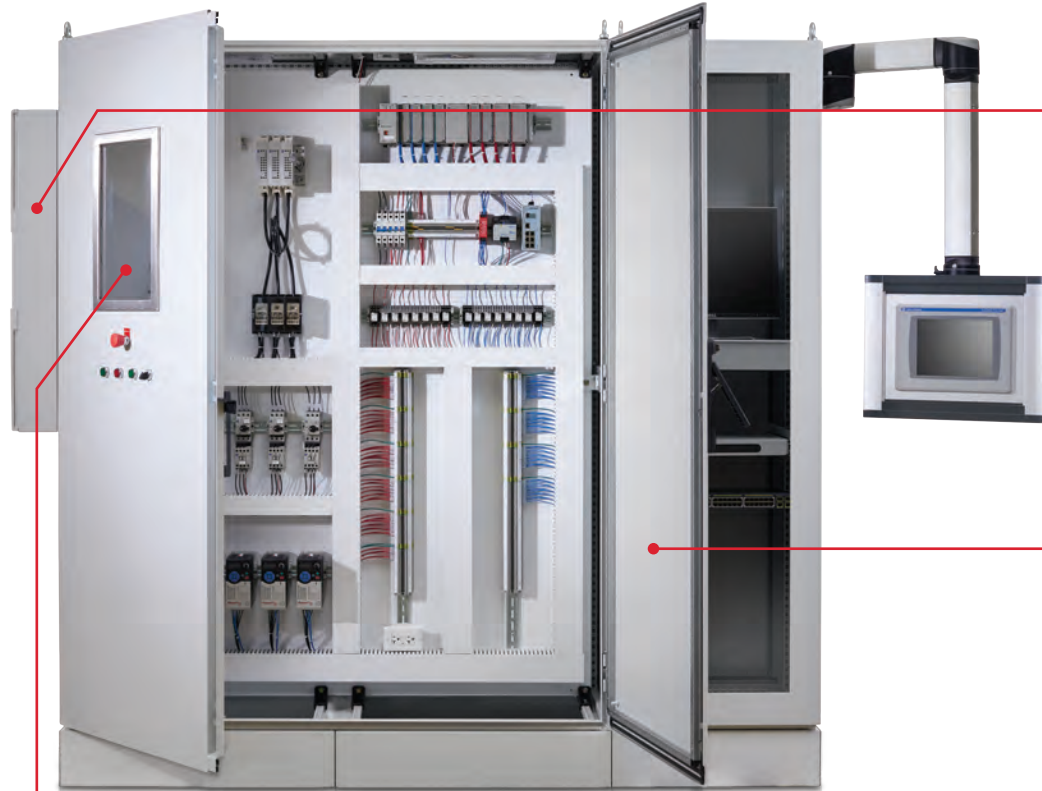
# 12,000+ Products for Countless Applications



**HOFFMAN**

## MODULAR SOLUTIONS

- HOFFMAN ProLine G2 enclosures allow standard electrical components to be configured into interchangeable, tailored solutions.
- Options for mounting subpanels help maximize space and allow for easy population/installation.
- Modular expansion capabilities mean the enclosure can be designed for your current needs and enlarged without hassle or extra costs.
- Covers, doors, bases and tops can easily be removed, which makes loading, modifying or ganging/joining the enclosure simpler and faster.
- Optional barrier panels easily separate lower-voltage electronics from higher voltage power, protecting equipment and people who access the low-voltage space.
- Global certifications and standards include NEMA, UL, CE and IEC.



## ACCESSORIES

- Optimize control panel design with window kits, lights, panels and safety features such as InterSafe data ports.
- Over 1,200 standard accessories available immediately.
- Wide range of products increases versatility and usability of HOFFMAN enclosures.
- Accessories are tested and certified to meet standards including UL, CSA, IEC, NEMA and CE.



## ENCLOSURE THERMAL MANAGEMENT & ACCESSORIES

- HOFFMAN offers a wide variety of solutions for both indoor and outdoor applications.
- Dehumidifying and temperature-control products include air conditioners, heat exchangers and filter fans, plus thermo-electric coolers and accessories.
- Over 6,700 factory-authorized after-market support experts available globally.
- Enhance visibility, reliability and reduce maintenance costs with remote access control.



## SAFETY SOLUTIONS

- HOFFMAN is an industry leader in arc flash protection solutions.
- Products are designed to comply with NFPA 70E workplace safety standards to mitigate arc flash incidents.
- HOFFMAN Sequestr External Disconnect enhances personnel safety with mechanical interlocking doors to isolate incoming power from the main enclosure.
- Infrared Window Kits and InterSafe data ports limit personnel exposure to arc flash incidents.



## INDUSTRY-LEADING ENCLOSURE SOLUTIONS

- HOFFMAN offers the broadest array of wall-mount enclosures, with over 1,100 standard catalog numbers.
- Our free-standing unibody enclosures provide superior protection through their heavy duty, time tested designs.
- Products available in mild steel, stainless steel, aluminum and non-metallics.
- NEMA rated UL Type 12, 3R, 4, 4X and 1.



# Optimize Electrical Power & Grounding Connections

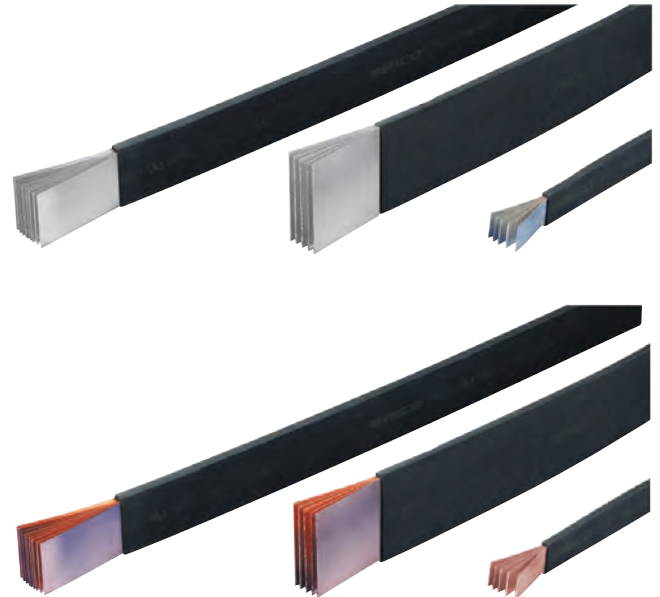


## ERIFLEX FLEXIBAR

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### Flexible Busbar

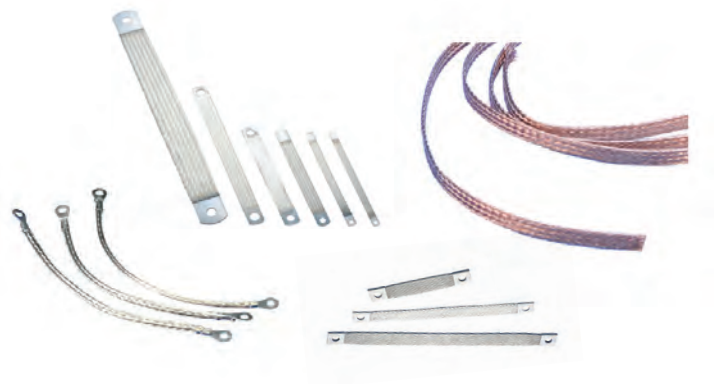
- ERIFLEX Flexibar is a heavy-duty power interconnection that offers a superior alternative to large and multiple cables, and rigid busbars.
- Flat, flexible low-voltage power and grounding connections are formed with multiple layers of thin electrolytic copper, and insulated with high-resistance, self-extinguishing PVC or silicone compound.
- With no need for lugs, ERIFLEX Flexibar helps eliminate faulty connection problems, and makes installation simpler, faster and cleaner.
- The wide variety of bending, twisting and folding possibilities optimizes panel design and reduces space requirements.
- ERIFLEX Flexibar overcomes vibration/alignment problems.
- A full range of sizes is available from 27 mm<sup>2</sup> up to 1200 mm<sup>2</sup> and 125 A to 2800 A.
- ERIFLEX Flexibar is 100% production dielectric tested, and meets all requirements of IEC 60439.1 & IEC 61439.1.



## BRAIDS

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- The ideal alternative to cable, all ERIFLEX braids are easy to install, with no additional cutting, stripping, crimping and punching needed.
- Insulated braided conductors provide excellent electrical contact and are suitable for all molded case circuit breakers worldwide.
- Ground copper braids with integral palm offer superior electrical contact and tensile strength resistance.
- High-quality 316L stainless steel braids offer superior abrasion, corrosion, chemical and UV resistance for outdoor applications.



## BLOCKS

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- ERIFLEX offers an extensive range of power blocks and distribution blocks for safe and easy connections.
- Single-pole distribution block designs allow visual inspection of conductor and confirmation of connection.
- The SBLT and SBTT range of power terminals provide high-quality, reliable connections between two electrical circuits, such as cables and/or ERIFLEX Flexibar in the panel.
- Four-pole distribution blocks feature an improved design, with solid bars for greater reliability.
- ERIFLEX offers a wide selection of compact halogen free single pole, two pole, and four pole distribution blocks and a complete range of assembly support products for easy fastening to DIN rails or steel sheet. The blocks offer easy assembly with visual inspection to allow for confirmation of connections to a wide range of conductors including ERIFLEX Flexibar and IBSB/IBSBR. The high fill ratio ensures optimal electrical connectivity even in tight assemblies.
- ERICO Power Blocks are the main DIN mounted output/input devices for connection between primary and secondary switchboard, or main input/output connection for machine or industrial equipment. The high short circuit rated large cross section blocks offer time savings and reliability in every panel configuration. The complete Power Blocks range offers multiple connection possibilities with one cable, two cables, ERIFLEX Flexibar, and IBSB/IBSBR power braids.



## ACCESSORIES

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- ERIFLEX offers a wide range of accessories to help optimize panel design and ease installation of components.
- Low-voltage insulators offer great stability of electrical and mechanical parameters and very high resistance to leakage current.
- Clamps allow excellent electrical contact and quick configuration, even in small spaces; ideal for “on site” modifications.
- ERIFLEX Flexibar Busbar Hydraulic Work Center includes all the necessary tools to quickly cut, bend and punch ERIFLEX Flexibar sections to suit individual applications.
- ERIFLEX Flexibar Manual Work Center includes easy-to-use hand tools to shear, bend, twist and fold ERIFLEX Flexibar sections to suit individual applications.



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Our powerful portfolio of brands:

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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](http://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.

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