

## OPTIMIZE ELECTRICAL POWER & GROUNDING CONNECTIONS

### NVENT ERIFLEX FLEXIBAR ADVANCED FLEXIBLE BUSBAR



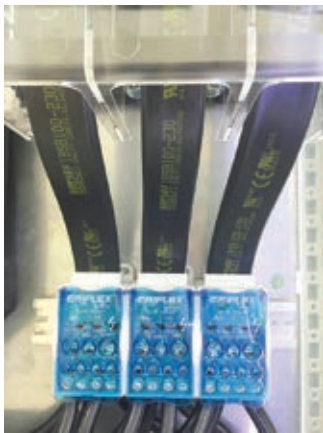
- nVent ERIFLEX Flexibar Advanced is a heavy-duty power interconnection that offers a superior alternative to large and multiple cables and rigid busbars.
- Flat, flexible low-voltage power and grounding connections are formed with multiple layers of thin electrolytic copper and insulated with unique thermoplastic elastomer called Advanced.
- The technology combines features such as low smoke, halogen-free, flame-retardant and high temperature of silicone compound.
- With no need for lugs, Flexibar Advanced helps eliminate faulty connection problems, and makes installation simpler, faster and cleaner.
- The variety of bending, twisting and folding options optimizes panel design and reduces space requirements.
- Flexibar Advanced overcomes vibration/alignment problems.
- A full range of sizes is available from 125 A to 2800 A pre single piece. Flexibar Advanced can be run in parallel for even greater ampacities.
- Flexibar Advanced is 100% production dielectric tested and meets UL, IEC, CS, CE, ABS, AEC, DNV-GL and ROHS standards.

### READY TO INSTALL NVENT ERIFLEX FLEXIBLE BRAIDS RANGE



- The ideal alternative to cable, all nVent ERIFLEX braids are easy to install, with no additional cutting, stripping, crimping and punching needed.
- nVent ERIFLEX IBS & IBSB Advanced insulated braids provide excellent electrical contact.
- Its unique design allows this product range to be suitable for all molded case circuit breakers worldwide.
- Ground copper braids with integral palms 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.
- MBJYG Grounding and Bonding Braids are a reliable and convenient ground solution for applications that require flexibility and durability.

## NVENT ERIFLEX POWER AND DISTRIBUTION BLOCKS



- nVent ERIFLEX offers an extensive range of power blocks and distribution blocks for safe and easy connections.
- Distribution block designs allow visual inspection of conductor and confirmation of connection.
- The nVent ERIFLEX SB range of power terminals provide high-quality, reliable connections between two electrical circuits such as cables and/or nVent ERIFLEX IBS & IBSB Advanced or nVent ERIFLEX Flexibar Advanced in the panel.
- Four-pole distribution blocks feature an improved design with solid bars for greater reliability.
- High-fill ratio ensures optimal electrical connectivity even in tight assemblies.
- nVent ERIFLEX 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 from one to four cables, IBS & IBSB Advanced and Flexibar Advanced power braids.

## ACCESSORIES



- nVent ERIFLEX offers a wide range of accessories to help optimize panel design and ease installation of components.
- nVent ERIFLEX Flexibar Busbar Hydraulic Work Center includes all the necessary tools to quickly cut, bend and punch Flexibar sections to suit individual applications.
- Flexibar Advanced offers easy-to-use hand tools to shear, bend, twist and fold Flexibar sections to suit individual applications.
- 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.
- nVent ERIFLEX Connecting, Earthing and Neutral Busbars are used to connect several earthing conductors within a panel and can be used in a variety of different applications.



Our powerful portfolio of brands:

**CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER**

### WARNING

nVent products shall be installed and used only as indicated in nVent product instruction sheets and training materials. Instruction sheets are available at [nVent.com/ERIFLEX](http://nVent.com/ERIFLEX) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent instructions and warnings may cause product malfunction, property damage, serious bodily injury and/or death, and void your warranty.

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nVent reserves the right to change specifications without notice.

ERIFLEX-DS-P15001-POWERGROUNDING-USEN-1903