



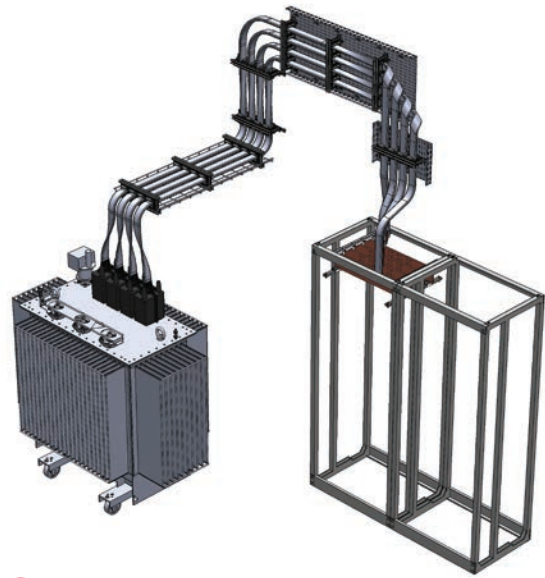
CONNECT AND PROTECT

nVent ERIFLEX Flexbus Advanced

Easy-to-install Flexible Power Connection Solution from 500 A to 6300 A



nVent ERIFLEX Flexbus is an innovative and patented connection solution between two electrical equipment installations, such as transformers, switchboards, generators or large uninterrupted power supplies (UPS). Due to its unique concept, nVent ERIFLEX Flexbus is an alternative power connection solution for up to 50% quicker installation and 20% reduction in total installed cost at a minimum.



OPERATING ADVANTAGE

- Versatile, customizable, user friendly and no specific tool required. Attractive for short distances, up to 25 meters
- No specialized labor force necessary with a ready-to-use solution
- Very flexible conductor with no bending radius to follow
- Achieve virtually any layout and overcome any imperfections that may be found on-site
- No cable tray necessary to support Flexbus Conductors



SPACE AND WEIGHT

- Only one conductor per phase from 400 kVA (560 A) to 1600 kVA (2250 A) and two conductors per phase for 2000 kVA (2800 A) to 3150 kVA (4435 A) when cable solution requires multiple conductors per phase
- 3 Flexbus conductors per phase for 5000 & 6300 A
- No need for specific engineering/study or strict installation measurement
- Total installation cost reduction of minimal 20%



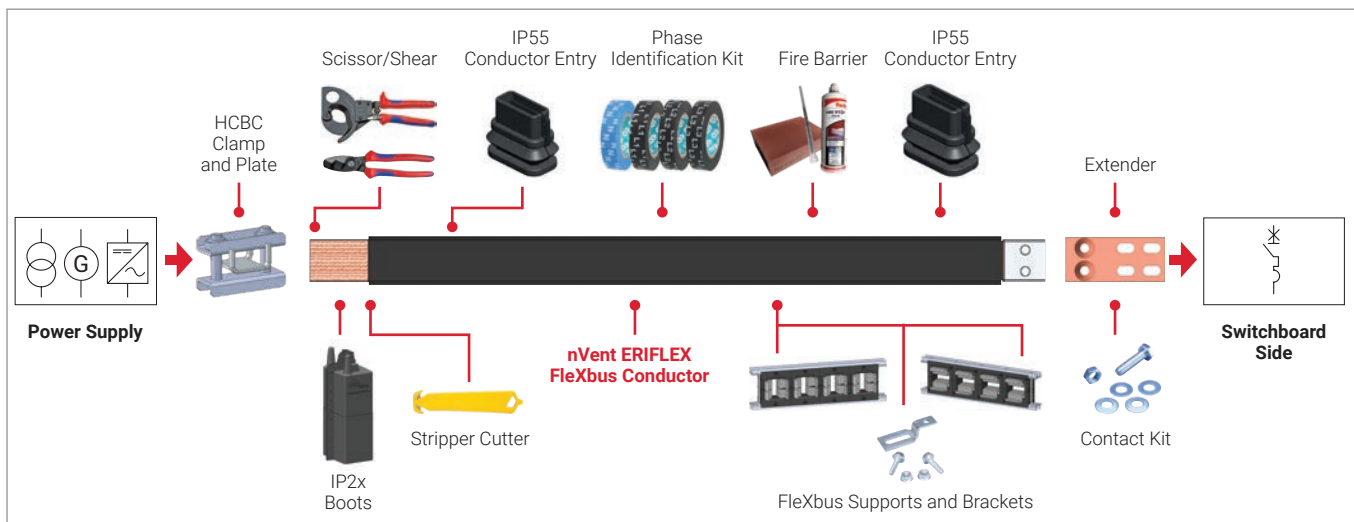
TIME SAVING

- Up to 50% quicker to install than busduct or wireway/cable tray with multiple cables and lugs



RELIABILITY AND SAFETY

- IEC worldwide tested and certified
- Low smoke, halogen-free, flame retardant and high-temperature resistant



< Our Calculation and Selection Tool is available online. Please contact your nVent ERIFLEX representative or register online.

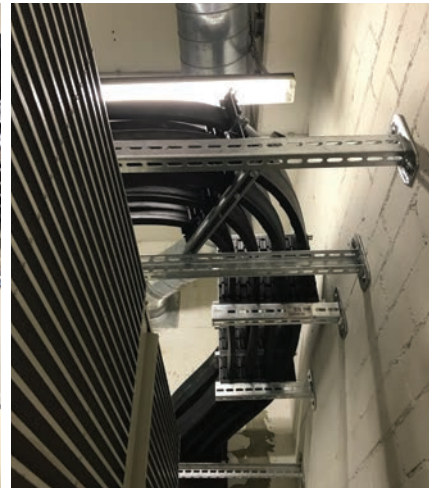
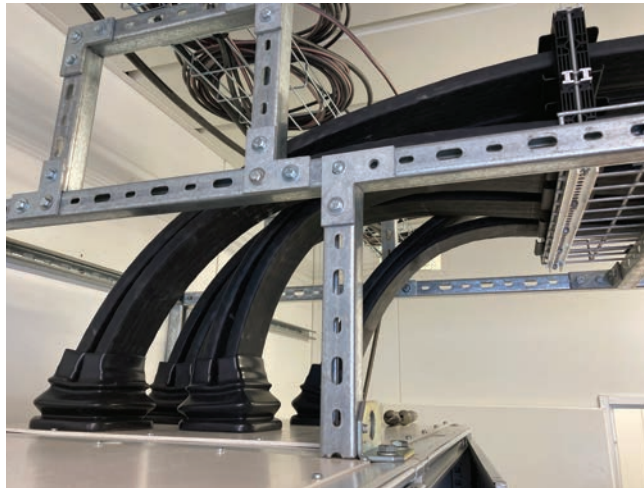
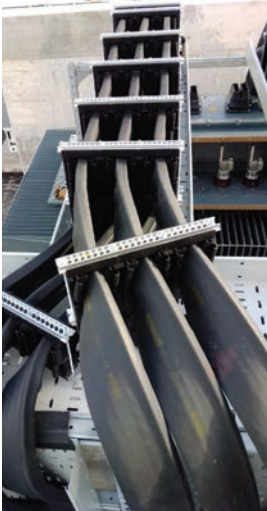
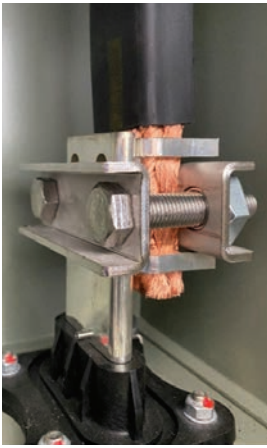
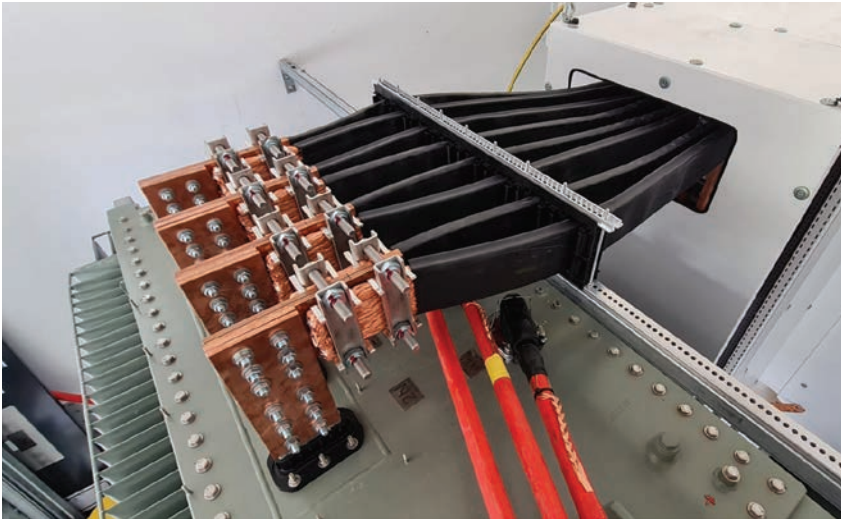
go.nVent.com/FlexbusConfigurator.

Please contact your nVent ERIFLEX representative or contact us at














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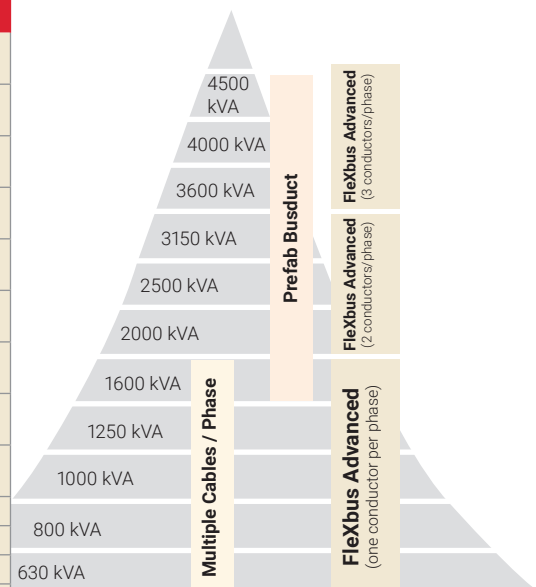
More information: nVent ERIFLEX Flexbus Catalog and Technical Guide >



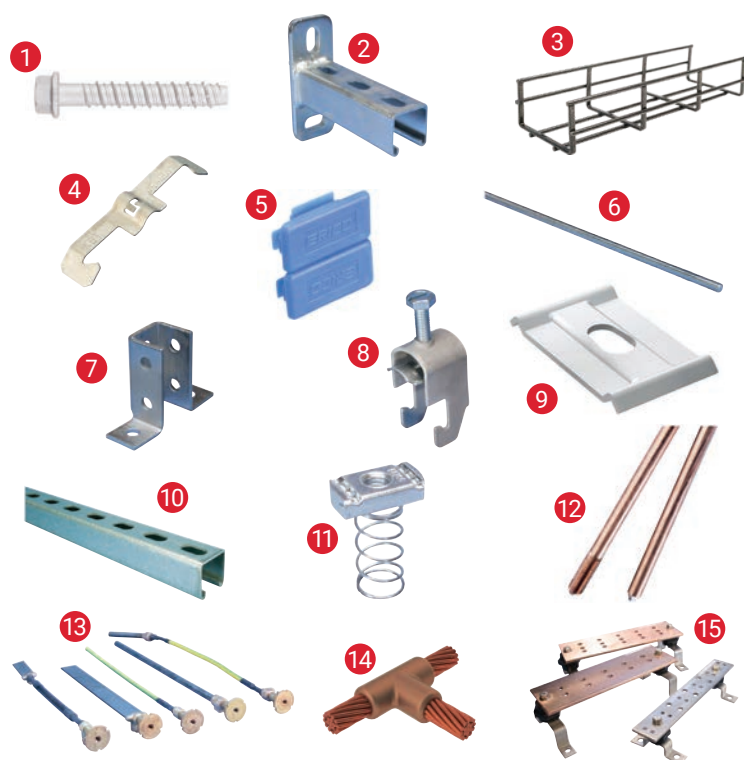
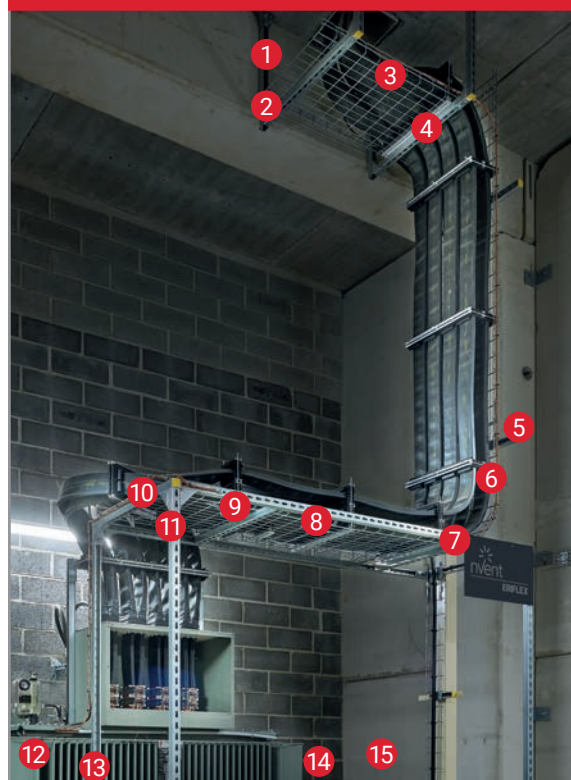


nVent ERIFLEX Flexbus comparison with other solutions (at 30°C Ambient)

HV/LV Transformer 410 V 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	1x240 mm ² ●	2x240 mm ² ●●		1x220 mm ² 
500 kVA	704	2x185 mm ² ●●	3x240 mm ² ●●●		1x360 mm ² 
630 kVA	900	2x240 mm ² ●●	4x240 mm ² ●●●●		1x360 mm ² 
800 kVA	1120	3x185 mm ² ●●●	4x240 mm ² ●●●●		1x545 mm ² 
1000 kVA	1400	4x185 mm ² ●●●●	4x300 mm ² ●●●●		1x960 mm ² 
1250 kVA	1760	4x240 mm ² ●●●●	4x400 mm ² ●●●●	Busduct	1x960 mm ² 
1600 kVA	2253	5x240 mm ² ●●●●●		Busduct	1x1810 mm ² 
2000 kVA	2816	6x240 mm ² ●●●●●●		Busduct	2x960 mm ² 
2500 kVA	3520	8x240 mm ² ●●●●●●●●		Busduct	2x960 mm ² 
3150 kVA	4435			Busduct	2x1810 mm ² 
3600 kVA	5069			Busduct	3x1280 mm ² 
4000 kVA	5632			Busduct	3x1810 mm ² 
4500 kVA	6336			Busduct	3x1810 mm ² 



Did you know that nVent also offers a complete cable management system and grounding, bonding and surges solutions that can be used in combination with nVent ERIFLEX Flexbus to save even more time?



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ERIFLEX-FLY-N00068-FlexbusSolutions-EN-2309