

nVent ERIFLEX Flexbus System

Pre-assembled Supports - Save Even More Installation Time



Pre-assembled Supports for nVent ERIFLEX Flexbus

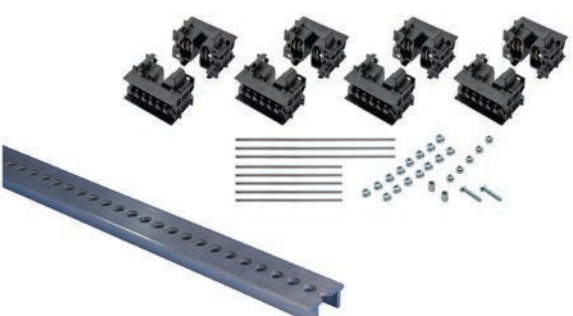

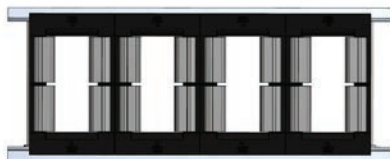


The nVent ERIFLEX Flexbus System is an **innovative** and patented connection solution designed to enhance the efficiency of electrical equipment installations, such as transformers, switchboards, generators, or large uninterrupted power supplies (UPS). Its unique concept offers up to **50% quicker installation** and a minimum of **20% reduction in total installed cost**.

Complementing this system is the nVent ERIFLEX Flexbus Supports and Bracing System, which is versatile, customizable, and user-friendly. Composed of a support kit and aluminum profile, it accommodates **multiple conductor configurations**, including flat or on-edge positions, side-by-side or on top, and can be mounted directly to cable trays or on walls/ceilings. This support system has been **short-circuit tested** and provides strong mechanical resistance to electromagnetic forces, ensuring reliability and safety. Additionally, it supports various neutral systems such as 3P, 3P+N, 3P+N+PE, and allows for **easy routing** in case of phase inversion or neutral rotation.







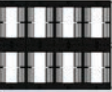

The Flexbus Supports come also pre-assembled, guaranteeing substantial time savings during installation. Opting for these ready-to-go supports can reduce the total installation time for a Flexbus connection by approximately 20%.

COMPARISON

Non-assembled Supports		Pre-assembled Supports
<p>This version consists of 2 separate components:</p> <ul style="list-style-type: none"> Perforated aluminum rail Bracket kit <p>The aluminum rail comes in 2-meter lengths, which can be cut to the desired size by the installer. After cutting, the inserts, threaded rods, and bolts are assembled onto the rail, and the modules are clipped into place. This setup allows for customized Flexbus conductor routing, ideal for configurations where conductors don't run side by side.</p> 	 <p>Using pre-assembled supports reduces the total installation time for a Flexbus connection by approximately 20%.</p>	<p>This version features a single part number, with rails pre-cut to size and all components (inserts, threaded rods, bolts, and plastic modules) already mounted on the aluminum rail. No assembly is required. Simply mount the support on a cable tray or directly to the wall or ceiling. For standard Flexbus conductor routing, using these pre-assembled brackets significantly reduces installation time.</p> 

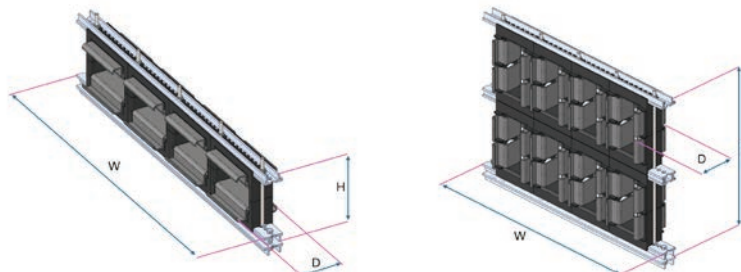
Pre-assembled Supports for nVent ERIFLEX Flexbus

PART NUMBERS AND AVAILABLE CONFIGURATIONS

Pre-assembled Support	1 conductor per phase		2 conductors per phase	
	Edge	Flat	Edge	Flat
3P				
	508600	FleXbus Support Assembly Edge 1 Conductor/phase 220, 360, 545, 640 mm ² , 3P	508608	FleXbus Support Assembly Flat 1 Conductor/phase 220, 360, 545, 640 mm ² , 3P
	508604	FleXbus Support Assembly Edge 1 Conductor/phase 800, 960, 1280, 1810 mm ² , 3P	508612	FleXbus Support Assembly Flat 1 Conductor/phase 800, 960, 1280, 1810 mm ² , 3P
	508601	FleXbus Support Assembly Edge 2 Conductors/phase 220, 360, 545, 640 mm ² , 3P	508609	FleXbus Support Assembly Flat 2 Conductors/phase 220, 360, 545, 640 mm ² , 3P
3P+N				
	508602	FleXbus Support Assembly Edge 1 Conductor/phase 220, 360, 545, 640 mm ² , 3P+N	508610	FleXbus Support Assembly Flat 1 Conductor/phase 220, 360, 545, 640 mm ² , 3P+N
	508606	FleXbus Support Assembly Edge 1 Conductor/phase 800, 960, 1280, 1810 mm ² , 3P+N	508614	FleXbus Support Assembly Flat 1 Conductor/phase 800, 960, 1280, 1810 mm ² , 3P+N
	508603	FleXbus Support Assembly Edge 2 Conductors/phase 220, 360, 545, 640 mm ² , 3P+N	508611	FleXbus Support Assembly Flat 2 Conductors/phase 220, 360, 545, 640 mm ² , 3P+N
	508607	FleXbus Support Assembly Edge 2 Conductors/phase 800, 960, 1280, 1810 mm ² , 3P+N	508615	FleXbus Support Assembly Flat 2 Conductors/phase 800, 960, 1280, 1810 mm ² , 3P+N

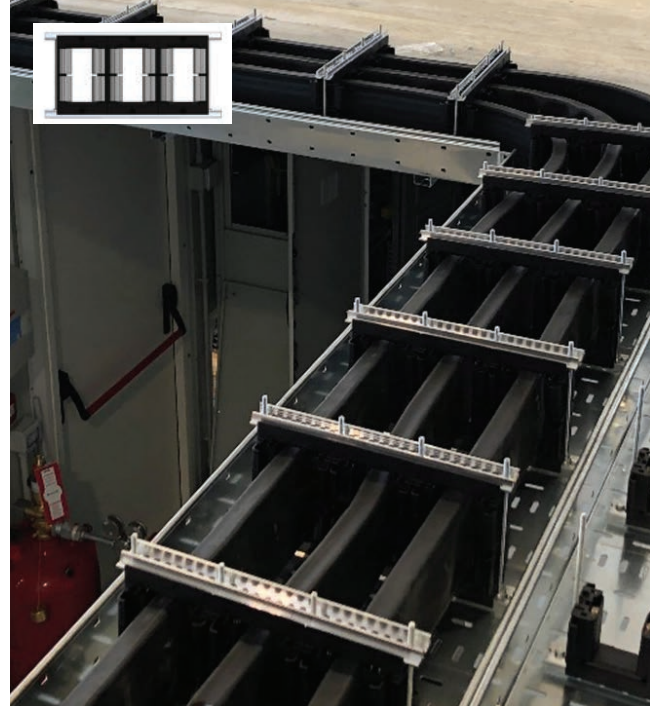
DIMENSIONS AND WEIGHT

Article number	Cat number	Description	D (mm)	W (mm)	H (mm)	Weight (kg)
508600	FLEXSUEDG50T1	FleXbus Support Assembly Edge 1 Conductor/phase 220, 360, 545, 640 mm ² , 3P	78	337.5	126	1.40
508601	FLEXSUEDG50T2	FleXbus Support Assembly Edge 2 Conductors/phase 220, 360, 545, 640 mm ² , 3P	78	337.5	240	2.49
508602	FLEXSUEDG50TN1	FleXbus Support Assembly Edge 1 Conductor/phase 220, 360, 545, 640 mm ² , 3P+N	78	425	126	1.77
508603	FLEXSUEDG50TN2	FleXbus Support Assembly Edge 2 Conductors/phase 220, 360, 545, 640 mm ² , 3P+N	78	425	240	3.17
508604	FLEXSUEDG100T1	FleXbus Support Assembly Edge 1 Conductor/phase 800, 960, 1280, 1810 mm ² , 3P	78	375	176	1.87
508605	FLEXSUEDG100T2	FleXbus Support Assembly Edge 2 Conductors/phase 800, 960, 1280, 1810 mm ² , 3P	78	375	340	3.46
508606	FLEXSUEDG100TN1	FleXbus Support Assembly Edge 1 Conductor/phase 800, 960, 1280, 1810 mm ² , 3P+N	78	475	176	2.44
508607	FLEXSUEDG100TN2	FleXbus Support Assembly Edge 2 Conductors/phase 800, 960, 1280, 1810 mm ² , 3P+N	78	475	340	4.54
508608	FLEXSUFLA50T1	FleXbus Support Assembly Flat 1 Conductor/phase 220, 360, 545, 640 mm ² , 3P	78	337.5	126	1.34
508609	FLEXSUFLA50T2	FleXbus Support Assembly Flat 2 Conductors/phase 220, 360, 545, 640 mm ² , 3P	78	337.5	240	2.37
508610	FLEXSUFLA50TN1	FleXbus Support Assembly Flat 1 Conductor/phase 220, 360, 545, 640 mm ² , 3P+N	78	425	126	1.69
508611	FLEXSUFLA50TN2	FleXbus Support Assembly Flat 2 Conductors/phase 220, 360, 545, 640 mm ² , 3P+N	78	425	240	3.01
508612	FLEXSUFLA100T1	FleXbus Support Assembly Flat 1 Conductor/phase 800, 960, 1280, 1810 mm ² , 3P	78	487.5	130	1.93
508613	FLEXSUFLA100T2	FleXbus Support Assembly Flat 2 Conductors/phase 800, 960, 1280, 1810 mm ² , 3P	78	487.5	248	3.48
508614	FLEXSUFLA100TN1	FleXbus Support Assembly Flat 1 Conductor/phase 800, 960, 1280, 1810 mm ² , 3P+N	78	625	130	2.49
508615	FLEXSUFLA100TN2	FleXbus Support Assembly Flat 2 Conductors/phase 800, 960, 1280, 1810 mm ² , 3P+N	78	625	248	4.52



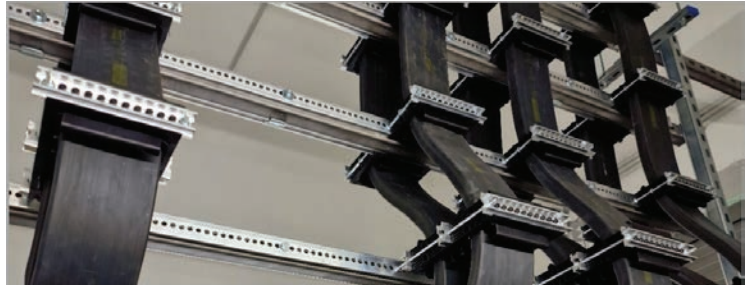
Pre-assembled Supports Example

Significant time savings for standard Flexbus conductor routing, whether for one or two conductors per phase, in flat or on-edge positions, and in 3P or 3P+N configurations.




Non-assembled Flexbus Supports

Facilitates specialized assemblies and routing, ideal for use with splicing blocks or configurations involving three or more conductors per phase.



Pre-assembled Supports and Non-assembled Supports

CROSS REFERENCE

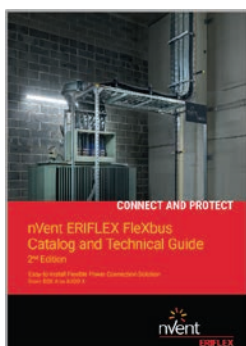
Pre-assembled Flexbus Supports				Non-assembled Flexbus Supports				
Article number	Cat number	Description		Article number	Cat number	Description		
508600	FLEXSUEDG50T1	Flexbus Support Assembly Edge 1 Conductor/phase 220, 360, 545, 640 mm ² , 3P		 508100 - FLEXALPROF2M - Flexbus Aluminum Perforated Profile 2 Meter	508101	FLEXSUPEDG50T	Flexbus Support kit on Edge for Conductor 220, 360, 545 and 640 mm ² , 3 Poles	
508601	FLEXSUEDG50T2	Flexbus Support Assembly Edge 2 Conductors/phase 220, 360, 545, 640 mm ² , 3P			508101 x2			
508602	FLEXSUEDG50TN1	Flexbus Support Assembly Edge 1 Conductor/phase 220, 360, 545, 640 mm ² , 3P+N			508102	FLEXSUPEDG50TN	Flexbus Support kit on Edge for Conductor 220, 360, 545 and 640 mm ² , 3 Poles + Neutral	
508603	FLEXSUEDG50TN2	Flexbus Support Assembly Edge 2 Conductors/phase 220, 360, 545, 640 mm ² , 3P+N			508102 x2			
508604	FLEXSUEDG100T1	Flexbus Support Assembly Edge 1 Conductor/phase 800, 960, 1280, 1810 mm ² , 3P			508103	FLEXSUPEDG100T	Flexbus Support kit on Edge for Conductor 960, 1280 and 1810 mm ² , 3 Poles	
508605	FLEXSUEDG100T2	Flexbus Support Assembly Edge 2 Conductors/phase 800, 960, 1280, 1810 mm ² , 3P			508103 x2			
508606	FLEXSUEDG100TN1	Flexbus Support Assembly Edge 1 Conductor/phase 800, 960, 1280, 1810 mm ² , 3P+N			508104	FLEXSUPEDG100TN	Flexbus Support kit on Edge for Conductor 960, 1280 and 1810 mm ² , 3 Poles + Neutral	
508607	FLEXSUEDG100TN2	Flexbus Support Assembly Edge 2 Conductors/phase 800, 960, 1280, 1810 mm ² , 3P+N			508104 x2			
508608	FLEXSUFLA50T1	Flexbus Support Assembly Flat 1 Conductor/phase 220, 360, 545, 640 mm ² , 3P			508105	FLEXSUPFLA50T	Flexbus Support kit Flat for Conductor 220, 360, 545 and 640 mm ² , 3 Poles	
508609	FLEXSUFLA50T2	Flexbus Support Assembly Flat 2 Conductors/phase 220, 360, 545, 640 mm ² , 3P			508105 x2			
508610	FLEXSUFLA50TN1	Flexbus Support Assembly Flat 1 Conductor/phase 220, 360, 545, 640 mm ² , 3P+N			508106	FLEXSUPFLA50TN	Flexbus Support kit Flat for Conductor 220, 360, 545 and 640 mm ² , 3 Poles + Neutral	
508611	FLEXSUFLA50TN2	Flexbus Support Assembly Flat 2 Conductors/phase 220, 360, 545, 640 mm ² , 3P+N			508106 x2			
508612	FLEXSUFLA100T1	Flexbus Support Assembly Flat 1 Conductor/phase 800, 960, 1280, 1810 mm ² , 3P			508107	FLEXSUPFLA100T	Flexbus Support kit Flat for Conductor 960, 1280 and 1810 mm ² , 3 Poles	
508613	FLEXSUFLA100T2	Flexbus Support Assembly Flat 2 Conductors/phase 800, 960, 1280, 1810 mm ² , 3P			508107 x2			
508614	FLEXSUFLA100TN1	Flexbus Support Assembly Flat 1 Conductor/phase 800, 960, 1280, 1810 mm ² , 3P+N			508108	FLEXSUPFLA100TN	Flexbus Support kit Flat for Conductor 960, 1280 and 1810 mm ² , 3 Poles + Neutral	
508615	FLEXSUFLA100TN2	Flexbus Support Assembly Flat 2 Conductors/phase 800, 960, 1280, 1810 mm ² , 3P+N		508108 x2				



Pre-assembled Supports and Custom Configurations with Non-assembled Supports

		Non-assembled Supports - Custom configurations examples		Pre-assembled Supports - Available configurations	
		1 conductor per phase	2 conductors per phase	1 conductor per phase	2 conductors per phase
3P	On Edge				
	Flat				
3P+N	On Edge				
	Flat				

More Technical Information



More Technical Information

All other technical data is consistent across the entire FleXbus conductor range.

Please download our comprehensive nVent ERIFLEX FleXbus Catalogue and Technical Guide:

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- [German](#)
- [Spanish](#)
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