HELIOS 500A Low Voltage Power Advanced FleXbus Installation Guide

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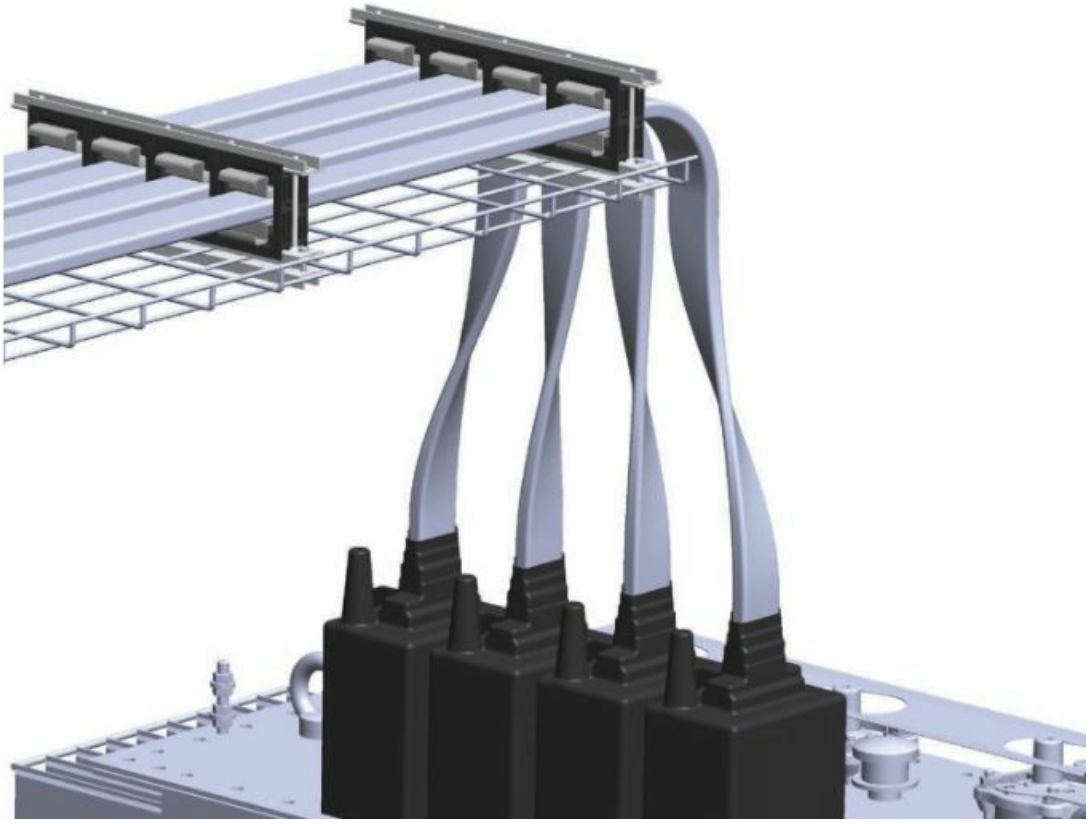
HELIOS 500A Low Voltage Power Advanced FleXbus



Product Information

Specifications:

- **Product Name:** FleXbus Advanced
- **Manufacturer:** Helios Power Solutions
- **Website:** heliosps.com
- **Contact Information:**
  - **Australia:** sales-au@heliosps.com, +61 2 7200 9200
  - **Asia**: *sales@heliosps.asi*a, +65 6871 4140
  - **New Zealand:** sales-nz@heliosps.com, +64 9 835 0700
  - Middle East: sales@heliosps.asia, +971 4 401 8484

Product Usage Instructions:

Fix Supports
Fix half supports directly on the wall, ceiling, or on a cable tray using suitable mounting configurations (Flat/Edge).

Connect FleXbus Conductor
Connect the ready-to-use FleXbus conductor with pre-punched holes on the switchboard.

Install Conductors
Install conductors into the supports and mount the top part of the supports securely.

Strip and Cut Conductor
Strip FleXbus conductor and cut any excess length using appropriate tools like FleXbus Scissors.

Connect to HCBC Clamp

Connect the FleXbus conductor with HCBC clamp and plate for secure connections.

Optional Accessories:

- IP2x Boots for additional protection
- IP55 Conductor Entry for specific requirements
- Fire Barrier for enhanced safety

FAQs:

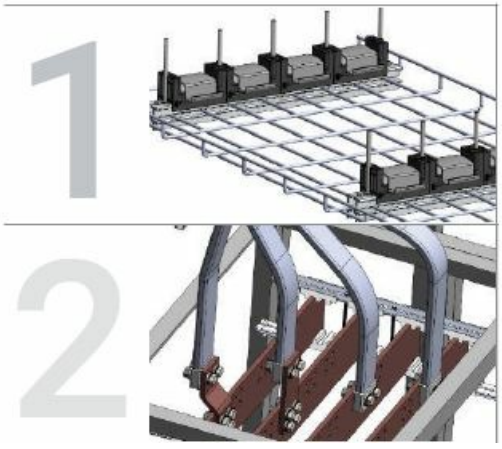
- **Q: Can I use the FleXbus Advanced on any type of surface?**
  A: Yes, you can fix the supports on the wall, ceiling, or cable tray using appropriate mounting configurations.
- **Q: Are the optional accessories necessary for installation?**
  A: The optional accessories like IP2x Boots, IP55 Conductor Entry, and Fire Barrier are recommended for specific use cases to enhance safety and protection.

FleXbus Advanced

Installation Guide

Easy and quick installation sequence overview

- Fix half supports directly on the wall, ceiling or on cable tray
- Connect the ready-to-use FleXbus conductor with pre-punched holes onside switchboard



- Install conductors into the supports and mount the top part of the supports
- Strip FleXbus conductor and cut FleXbus conductor excess length

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- Connect FleXbus conductor with HCBC clamp and plate

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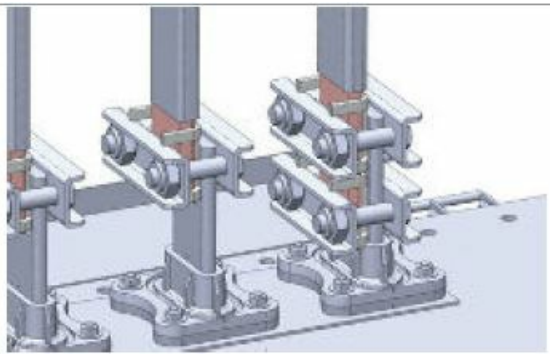
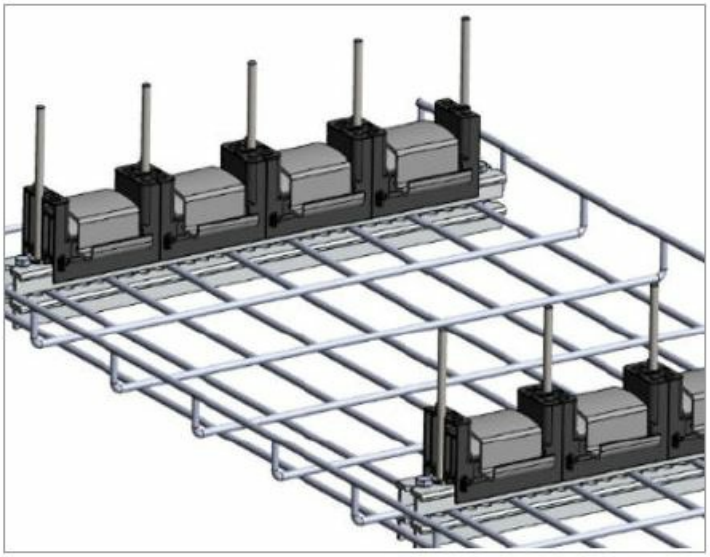
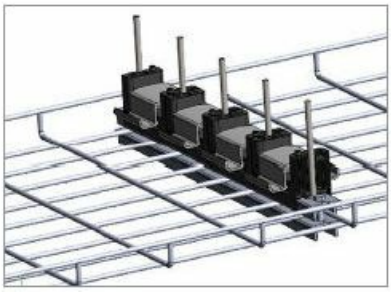


- Optional IP2x Boots

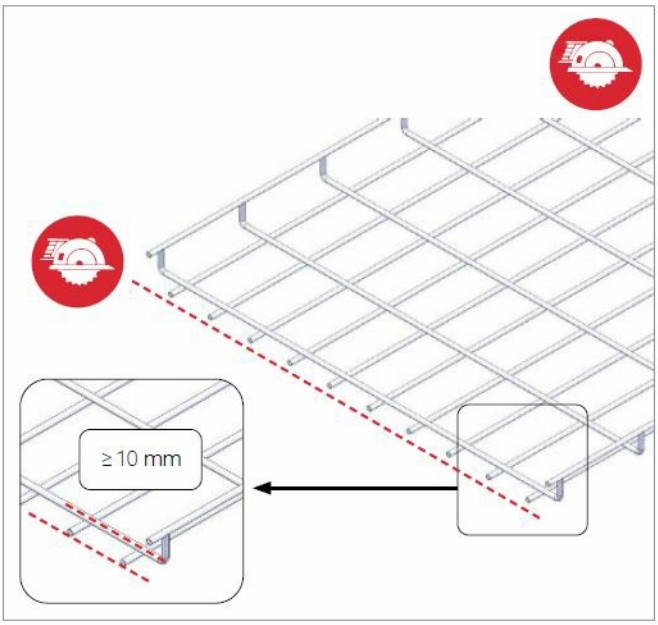
Optional

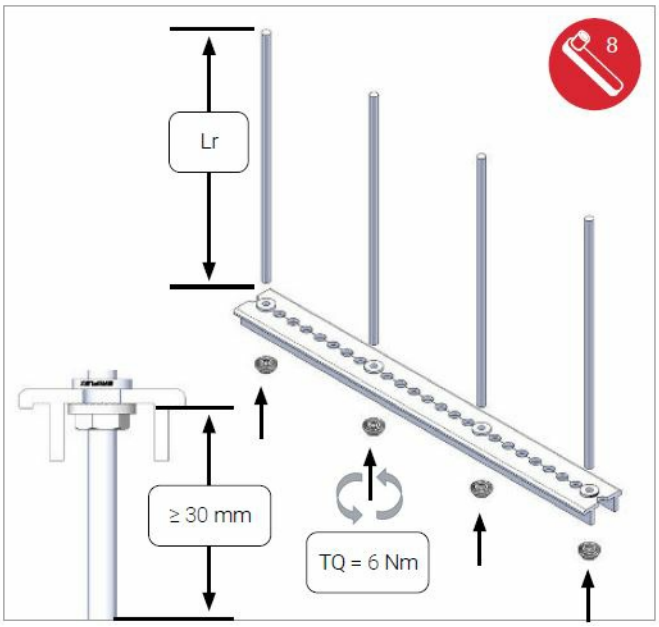
- Optional IP55 Conductor Entry
- Optional Fire Barrier

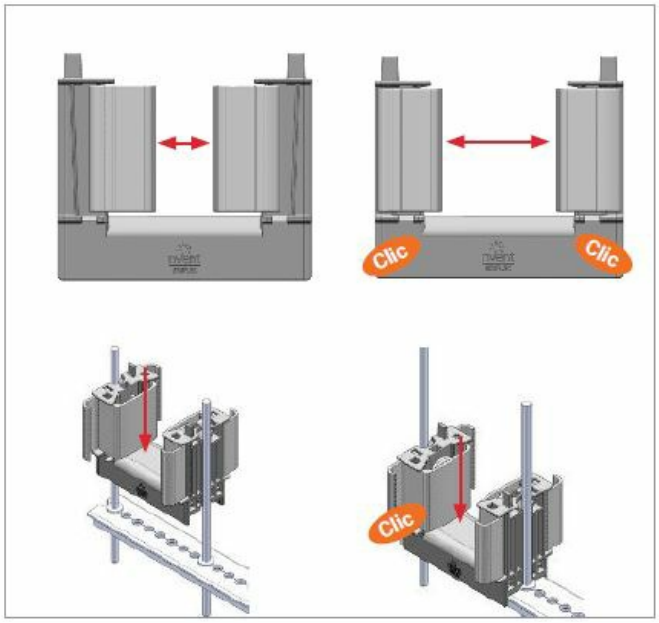




Fix supports directly on the wall, ceiling or on cable tray (wire basket/perforated/cable ladder). Use multiple possible mounting configurations to fit your installation
(Flat/Edge)



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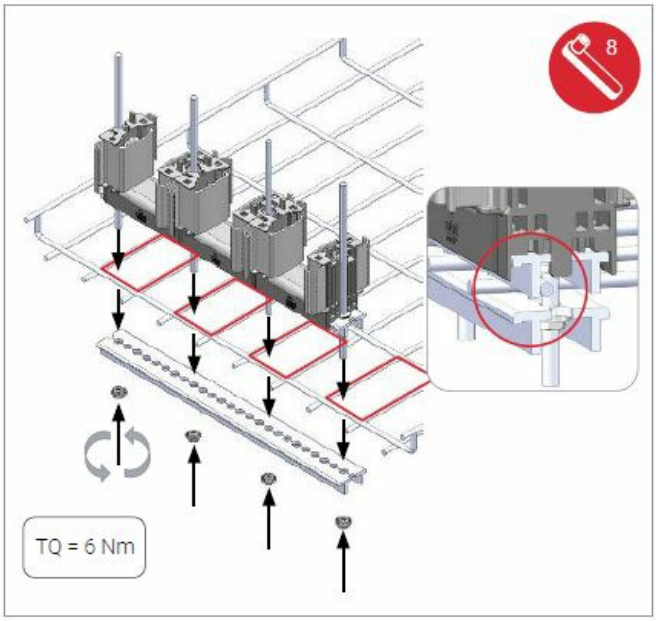
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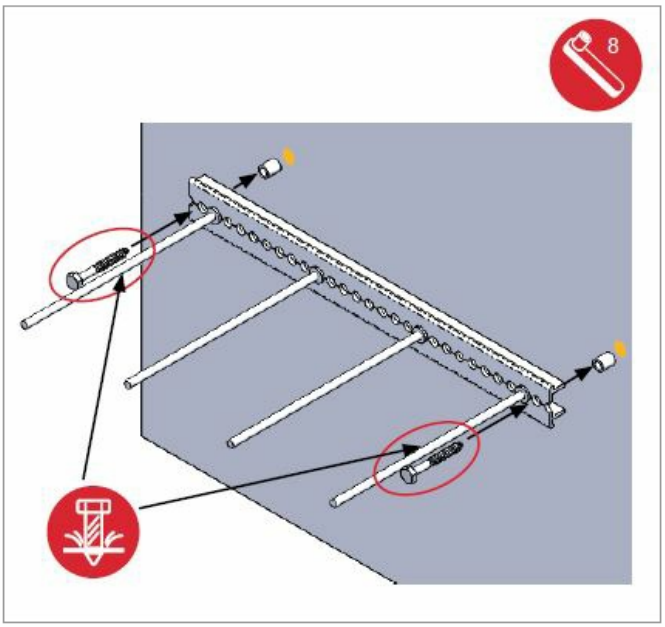
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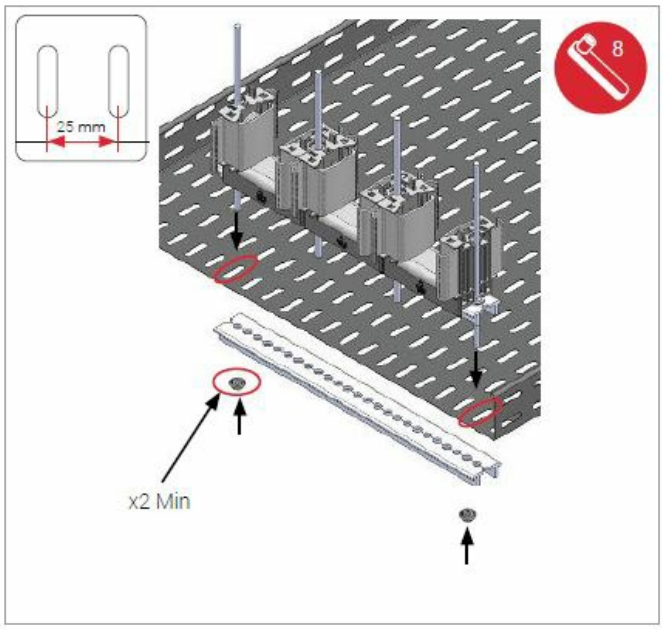
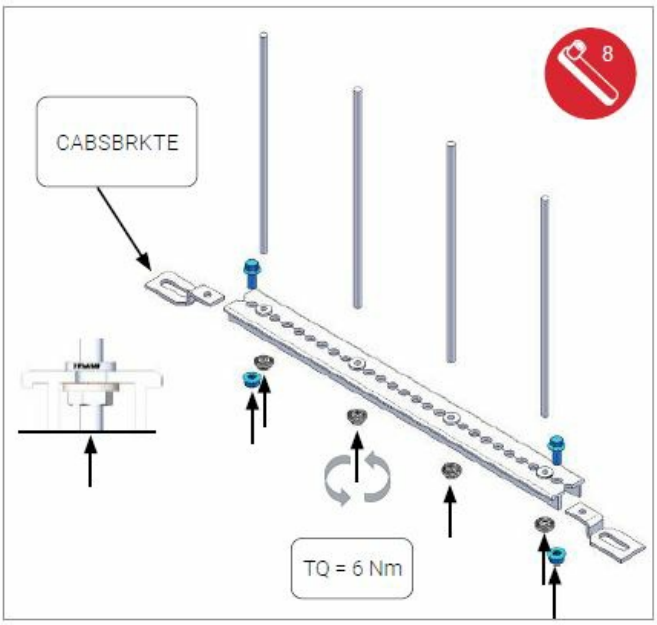

25 mm
8
x2 Min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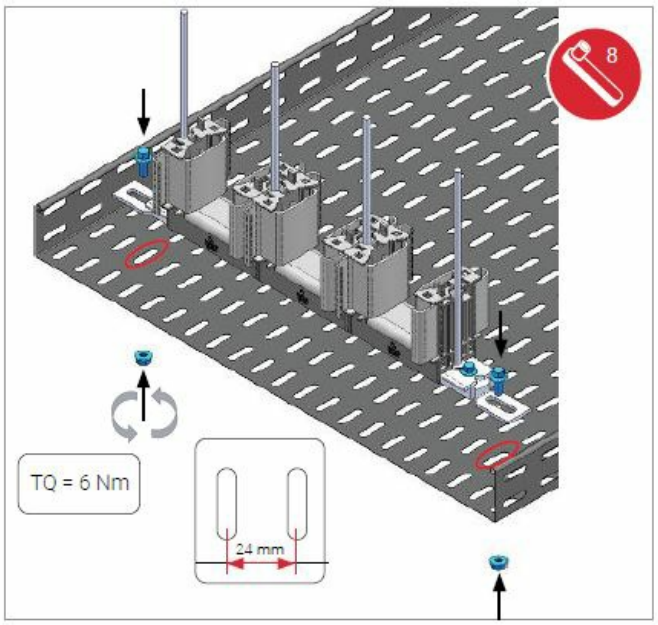
CABSBRKTE
TQ = 6 Nm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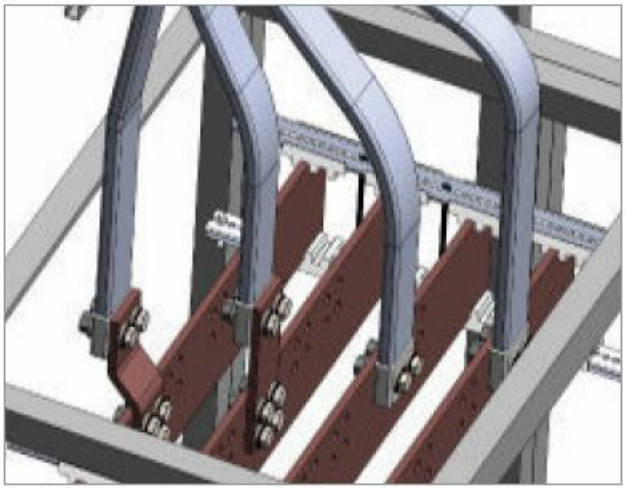
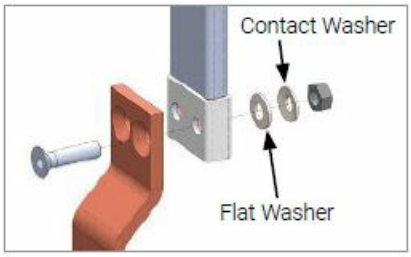
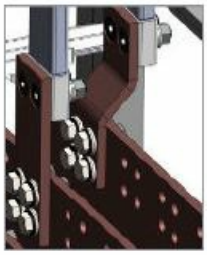
TQ = 6 Nm
24 mm

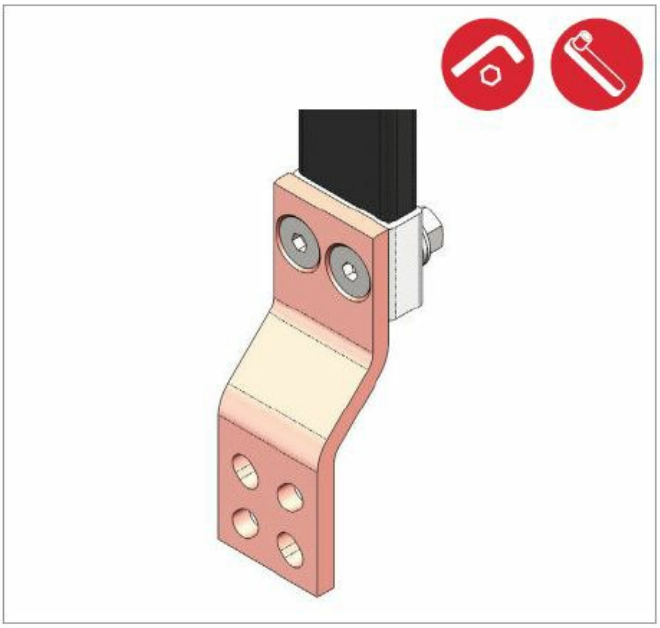
2

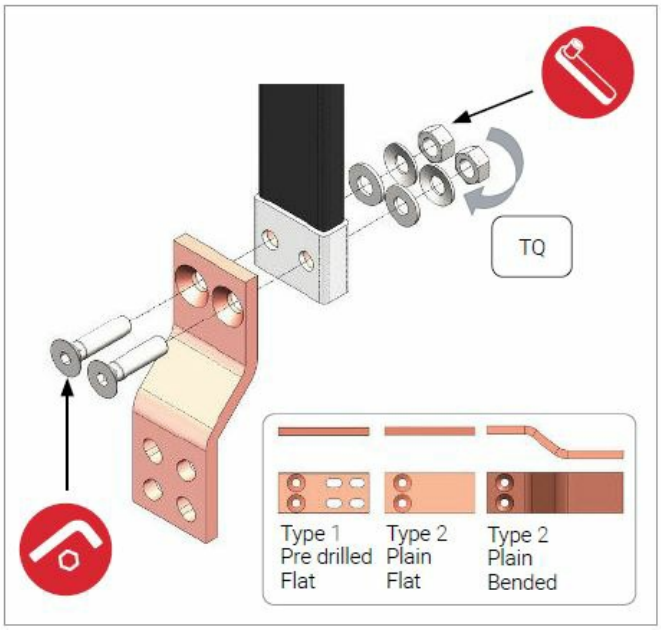






Connect the ready-to-use FleXbus conductor with pre-punched holes to the switchboard. This connection can be made directly onto the busbar or circuit breaker with optional palm extenders





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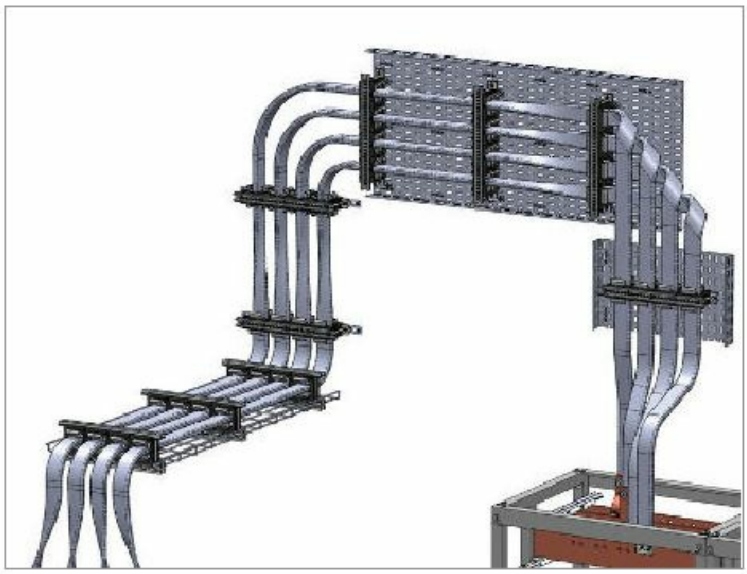
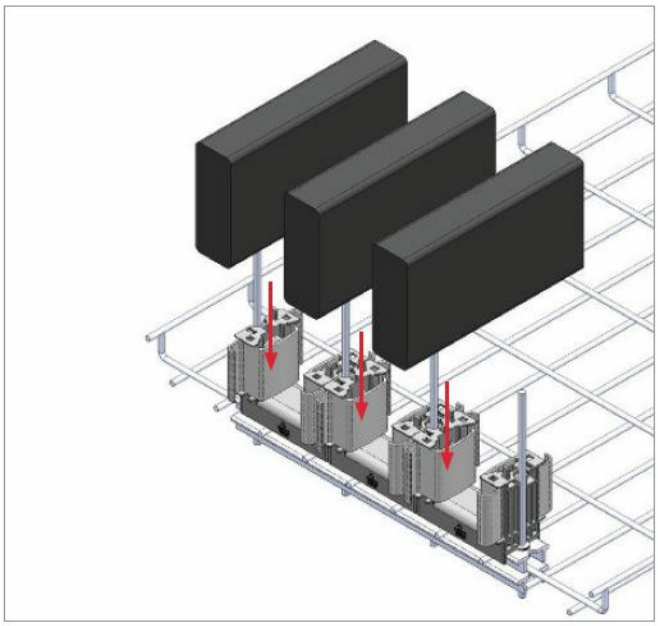
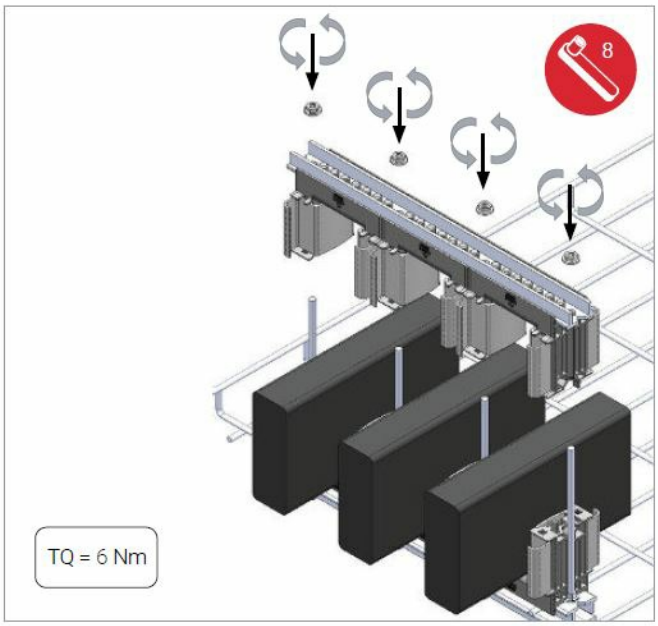
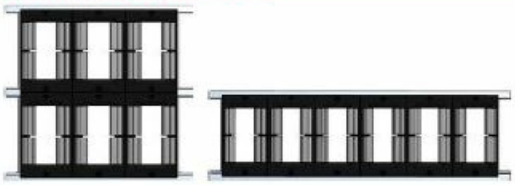
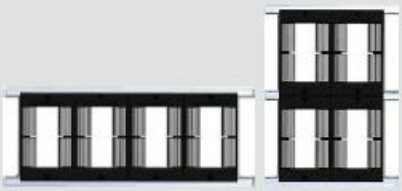
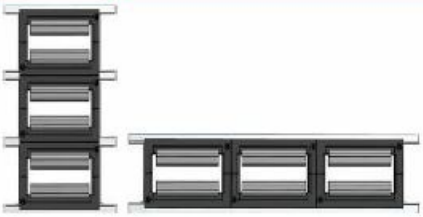
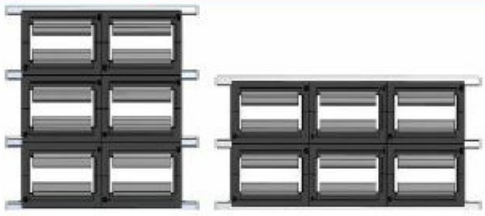
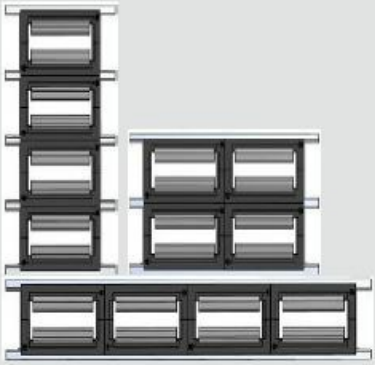
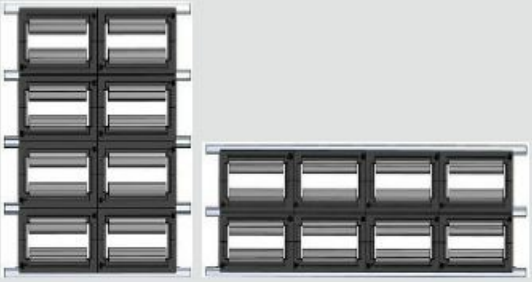


Install conductors into the supports and mount the top part of the supports. Leave excess conductor length at the top of the transformer/power supply.





Configuration	On Edge Support Kit	
	1 Conductor per Phase ▯	2 Conductors per Phase ▯▯
3P		
3P+N		

Configuration	Flat Support Kit	
	1 Conductor per Phase	2 Conductors per Phase
3P		
3P+N		

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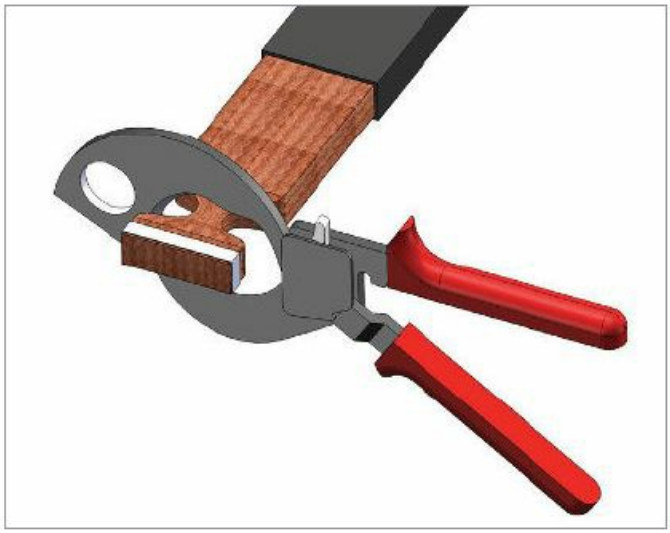
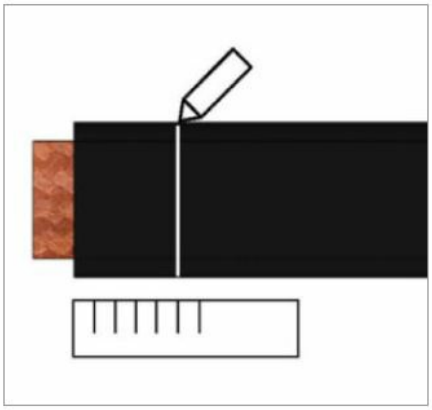
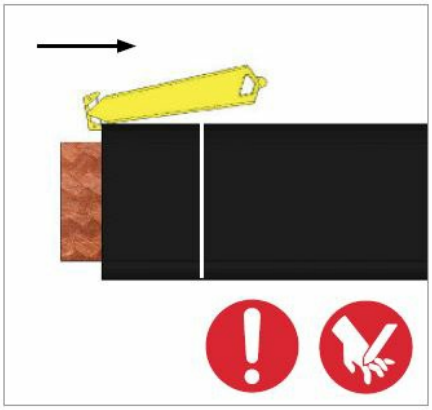
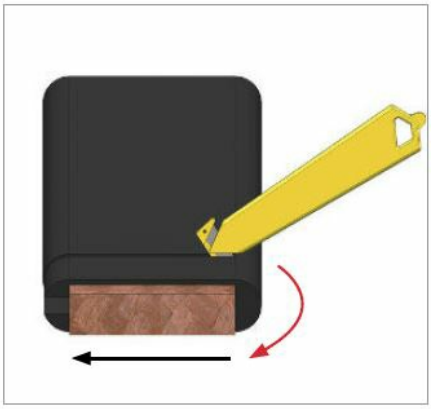
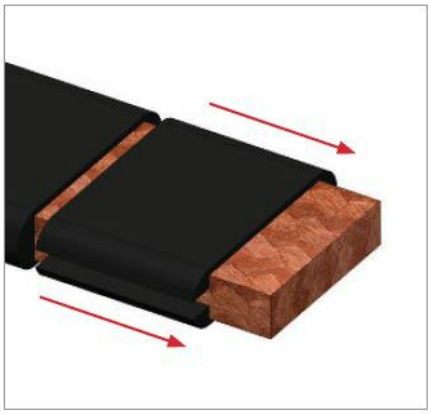


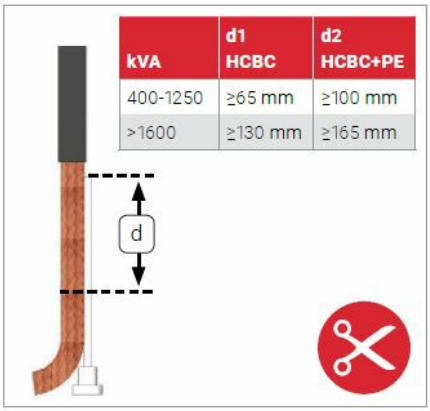
Strip FleXbus conductor. Cut excess length of the FleXbus with scissosor shears

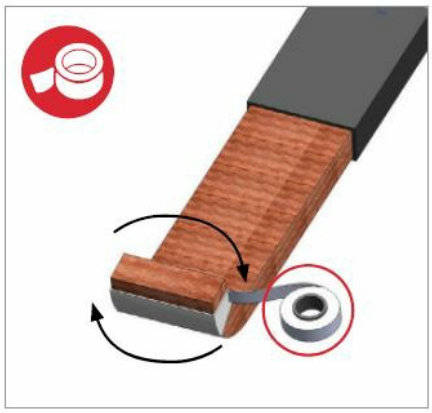


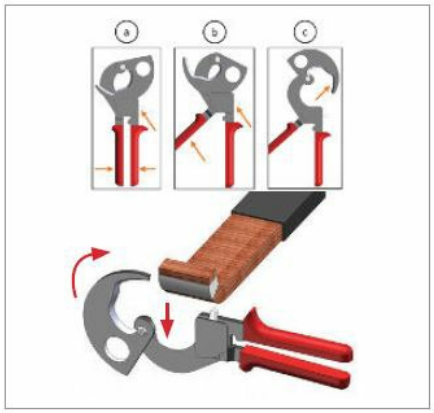












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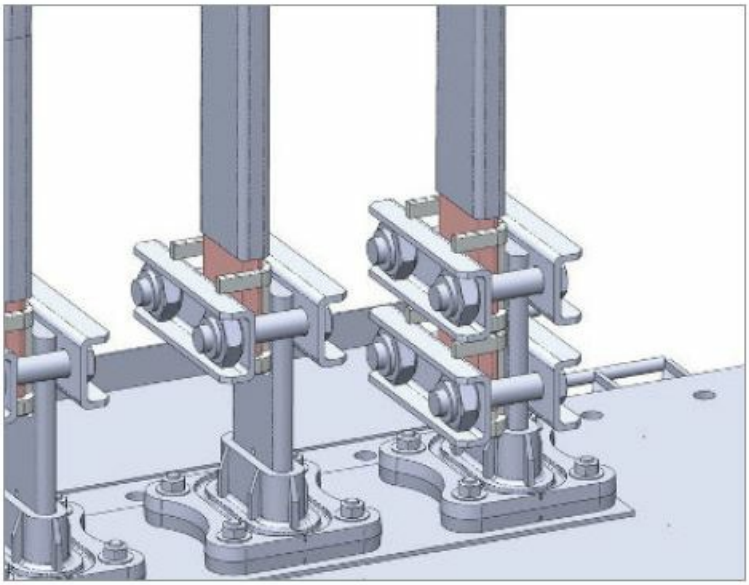
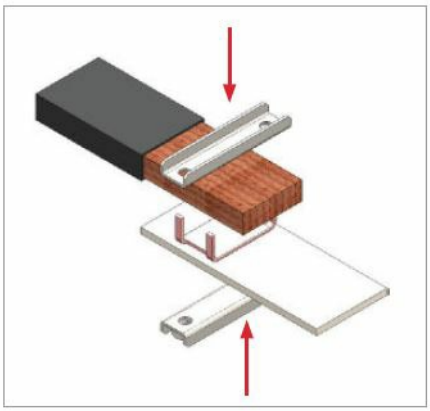
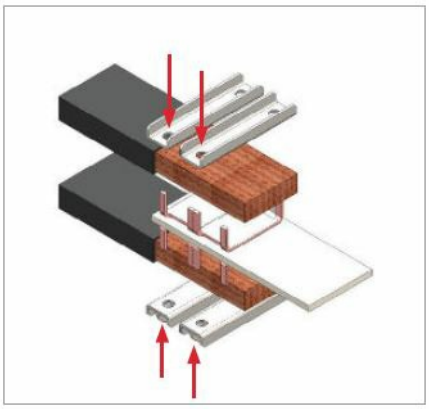
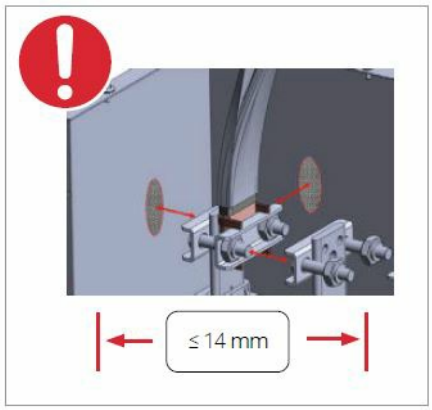
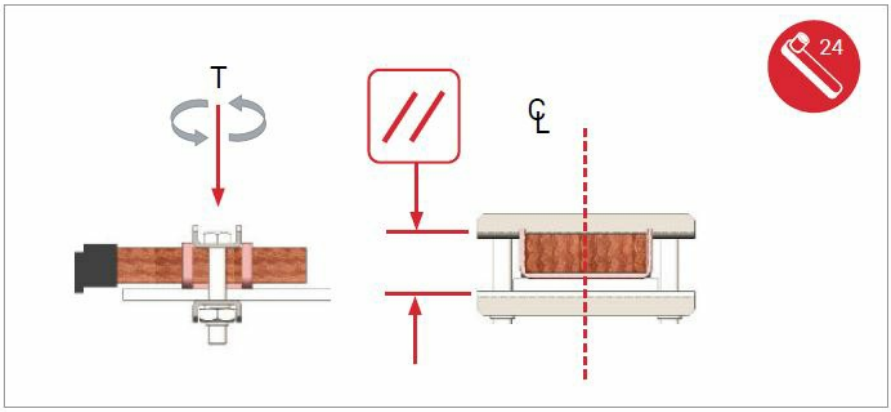


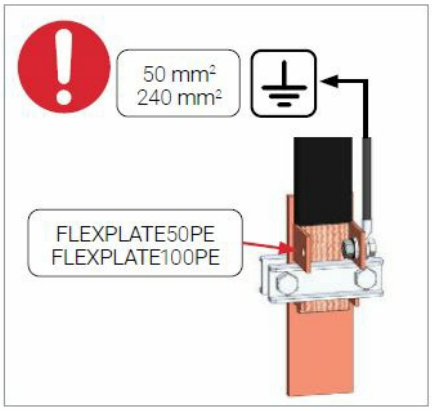
Connect FleXbus conductor with HCBC clamp and plate

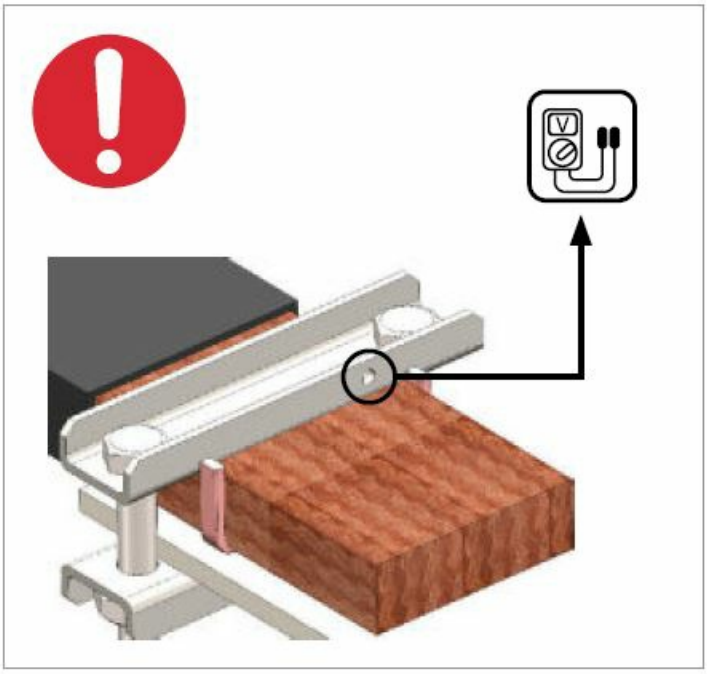






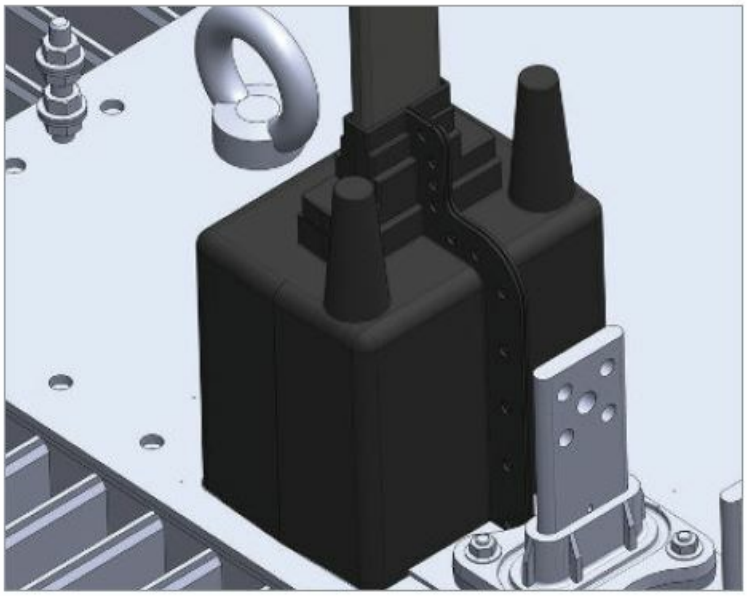


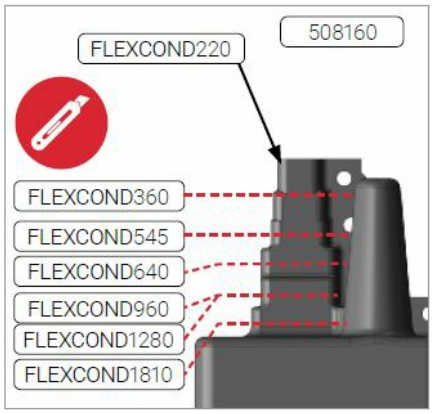


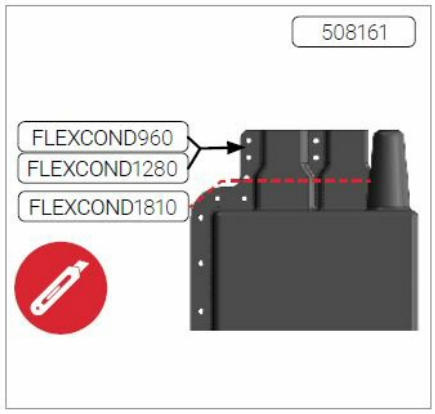


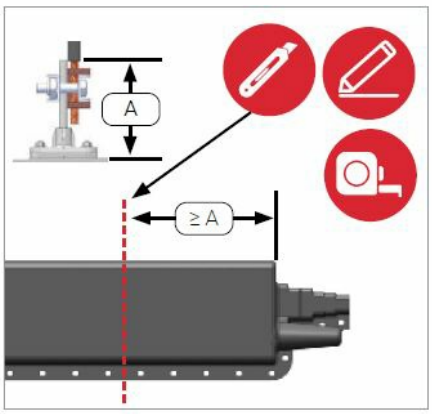
Optional IP2x Boots

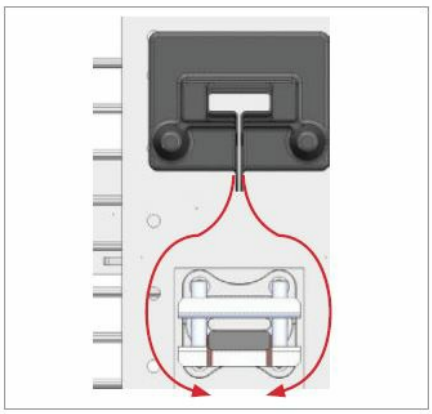
Optional

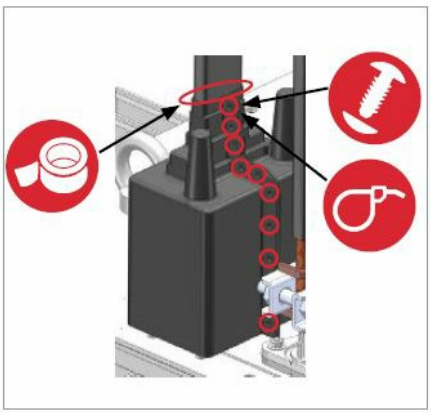






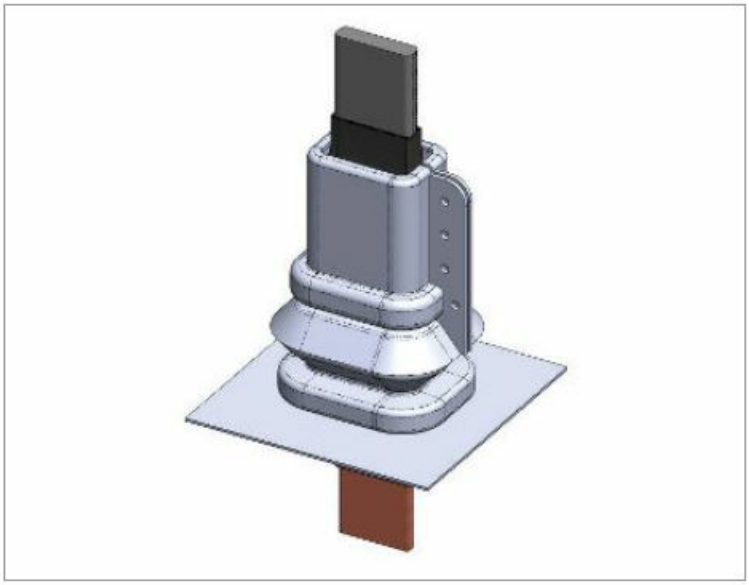


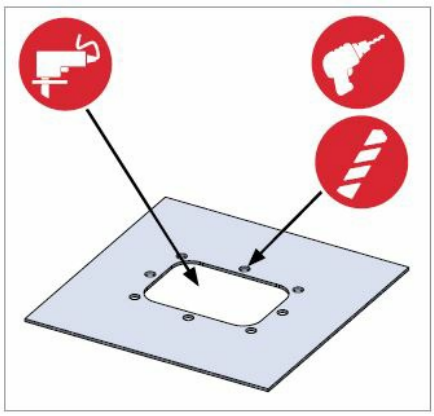


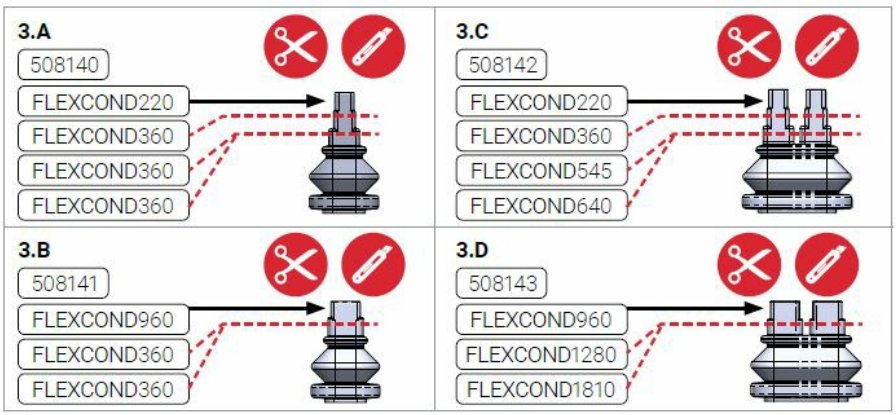


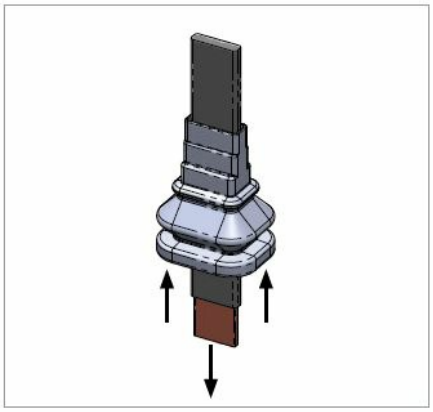
Optional IP55 Conductor Entry

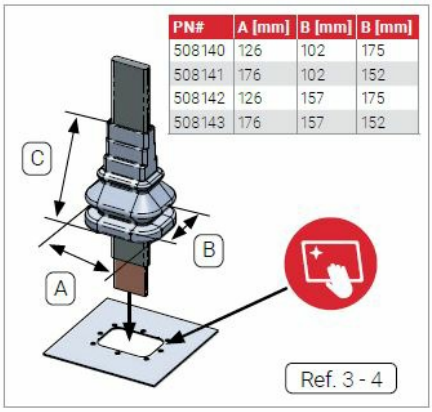
Optional

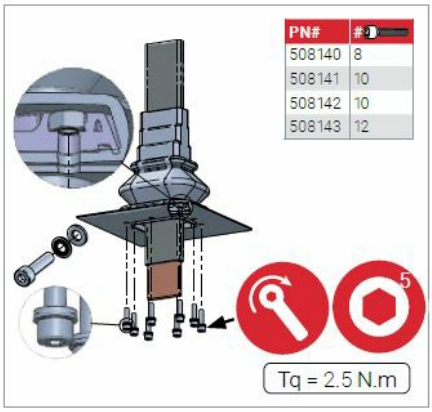


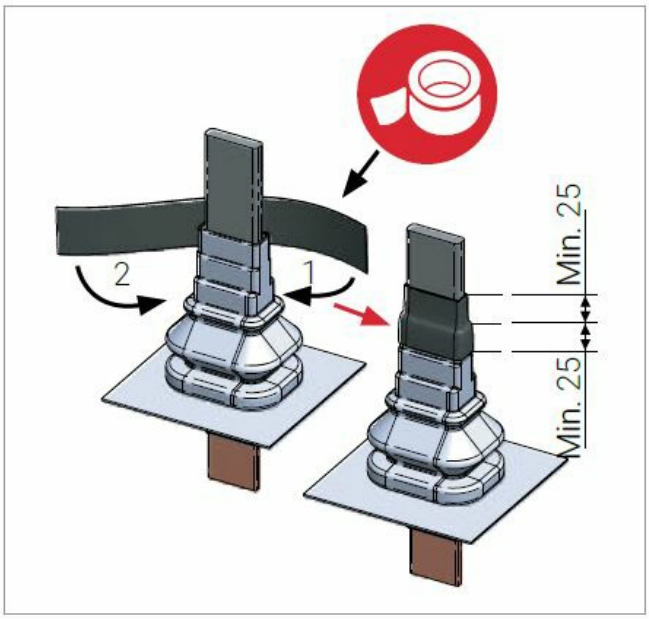


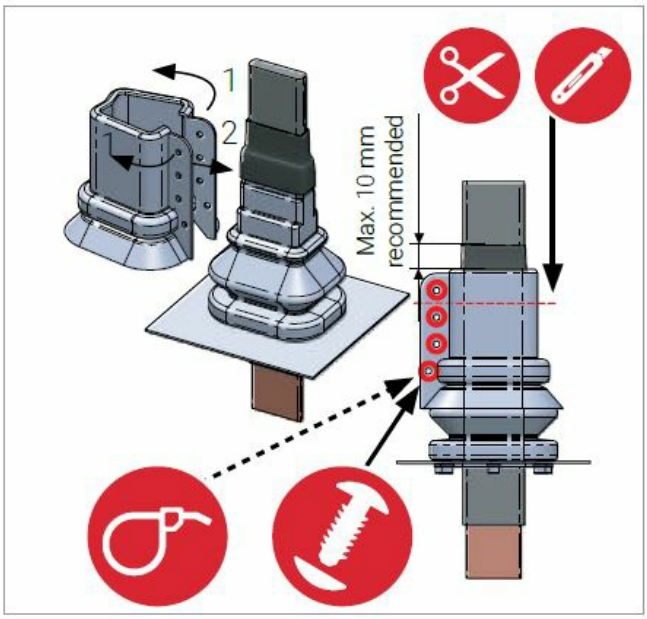






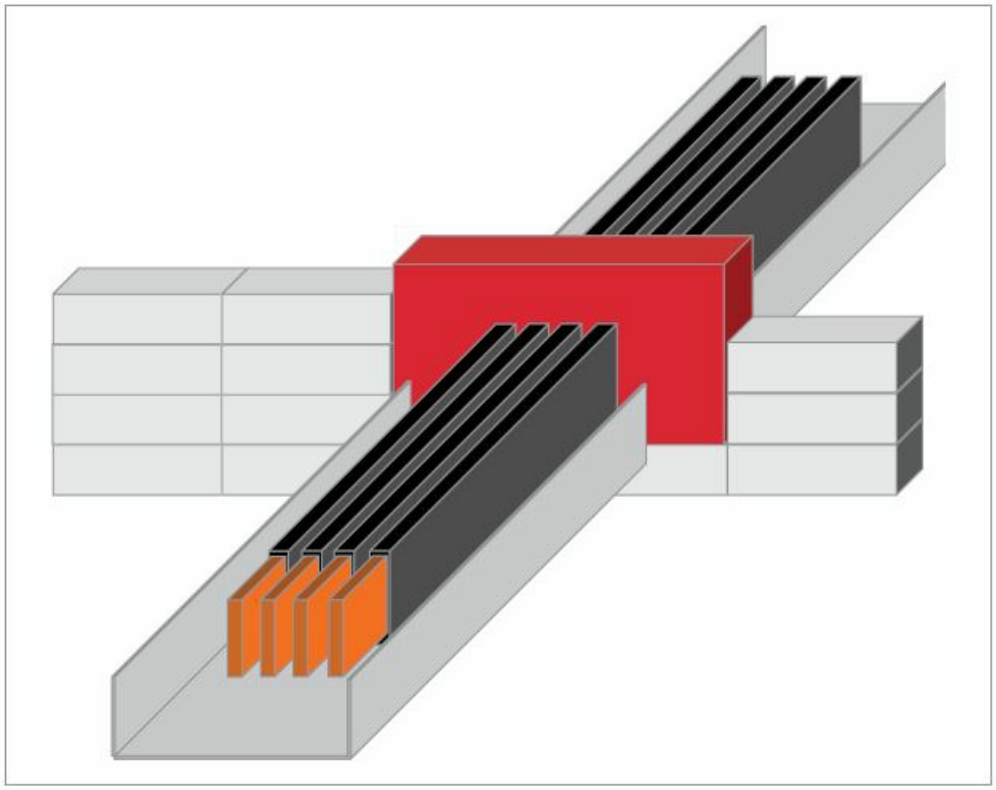


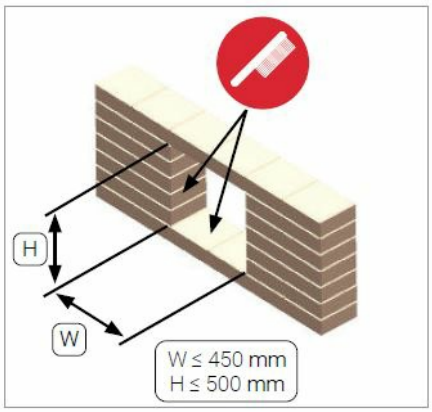


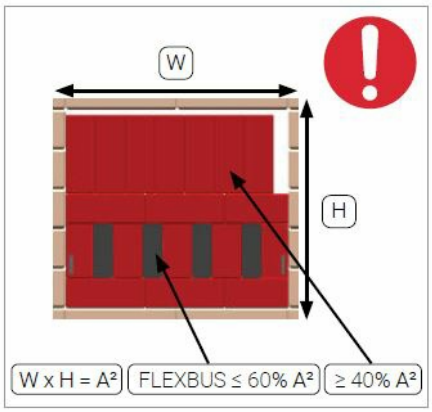


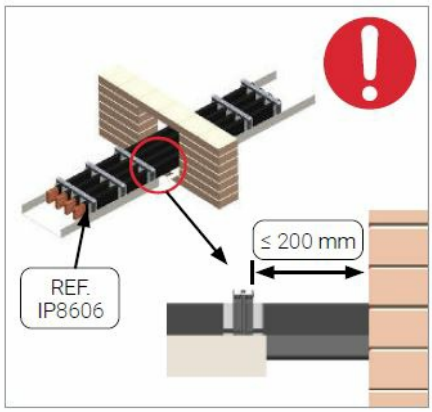
Optional Fire barrier

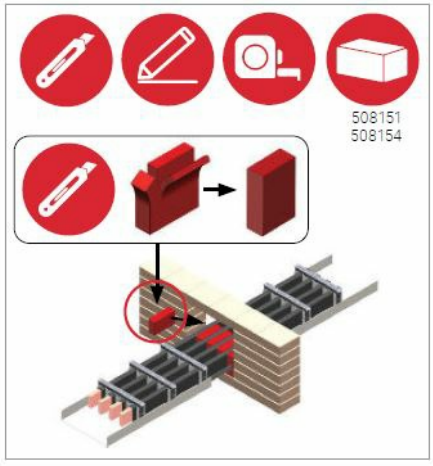
Optional

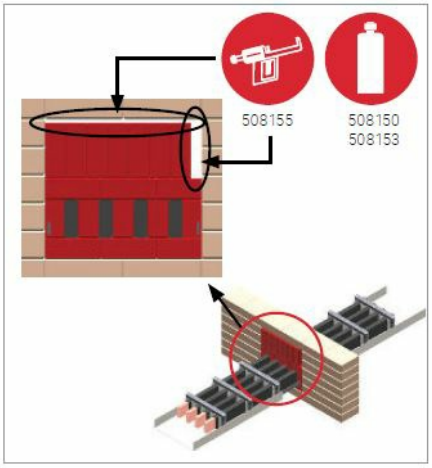


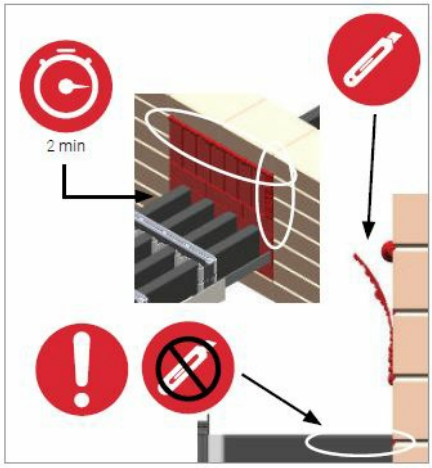


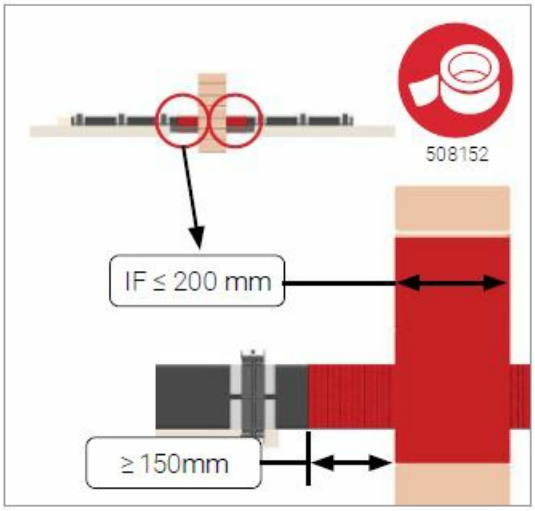












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Documents / Resources

	HELIOS 500A Low Voltage Power Advanced FleXbus [pdf] Installation Guide 500A, 500A Low Voltage Power Advanced FleXbus, Low Voltage Power Advanced FleXbus, Power Advanced FleXbus, Advanced FleXbus, FleXbus

References

- Helios Power Solutions - DC & AC Power Systems for Critical Infrastructure
- Helios Power Solutions - DC & AC Power Systems for Critical Infrastructure
- User Manual

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