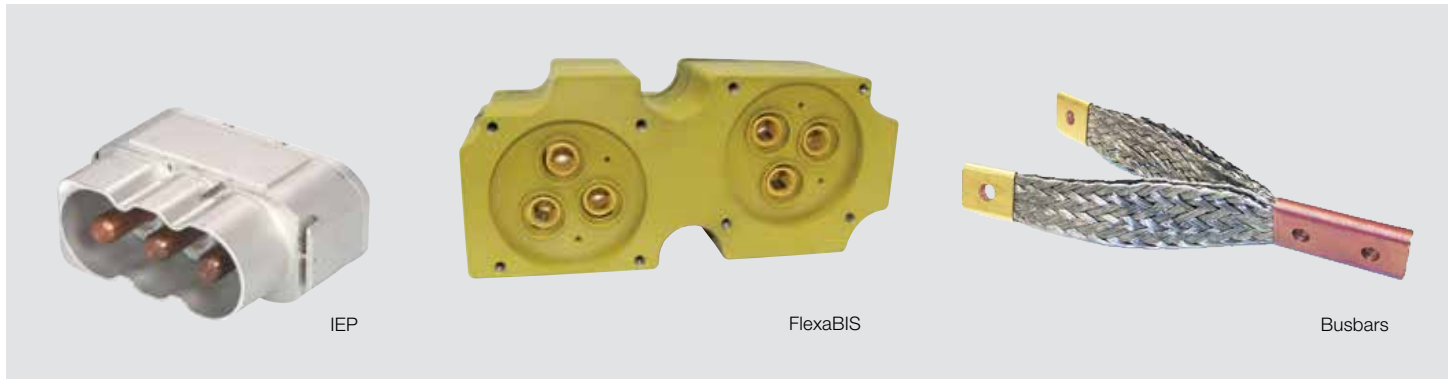


POWER SOLUTIONS

IEP, FLEXABIS AND BUSBARS



IEP INTERCONNECTS

Designed for those who have smaller space constraints and high frequency power applications. Provides a robust rectangular solution with a tool-less mate & unmate feature.

FEATURES AND BENEFITS:

- Robust, high thermal-conductivity metal shells, with a variety of plating options.
- Contact options: standard 5015/39029, RADSOK®, High temperature Pencil clip (200°C)
- Shell-to-shell bottoming.
- EMI/RFI protection.
- Latch with snap detent for solid engagement locking.
- Customer programmable keying.
- Easy to identify shell polarization.
- Split-insert construction for ease of assembly of contacts into connectors, and easy disassembly (for contact sizes exceeding 1/0).
- Right-angle backshells for lower profile routing solutions.
- High voltage last-mate/first break interlock contacts (standard 5015 contacts) available.



POWER SOLUTIONS

FLEXABIS AND BUSBARS

FLEXABIS™

A flexible busbar system designed to minimize mechanical stress on the connectors and components within a power box. Enhances sealing and reduces space requirements.

FEATURES AND BENEFITS:

- Mounts to the customer enclosure with the same screws as the IO connectors.
- High voltage, high current, and HV interlocks all in one package.
- Can be expanded to include filtering and fusing.
- HV interlock circuits can be wired in the FlexaBIS.
- Can be designed to use any COTS connector.
- Available in high temperature PAI (Polyamide-imide) or lower temperature PEI (Polyetherimide)
- IO connectors on the outside of the box plug into the FlexaBIS on the inside of the box.- No crimping, no lugs; quick and simple installation.

BUSBARS

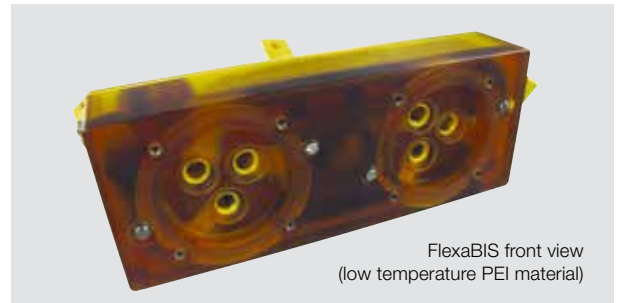
Amphenol can provide busbars to meet any application requirement with both Rigid and Flexible solutions. Technologies can be combined with existing connector solutions, creating a low cost connector-busbar assembly.

RIGID BUSBARS:

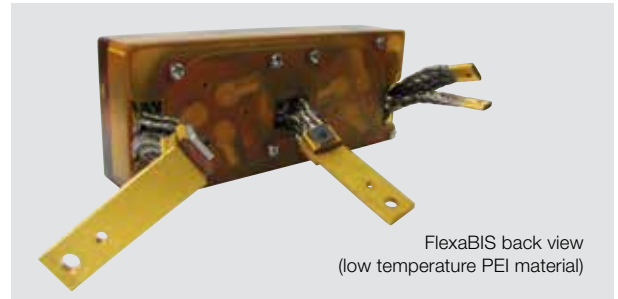
- Machine capability for customization.
- Value-add capability to include existing contact and connector technologies.

FLEXIBLE BUSBARS:

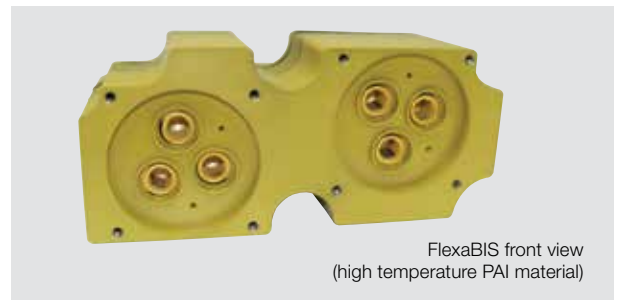
- Reduce space required inside box.
- Customized to your application.



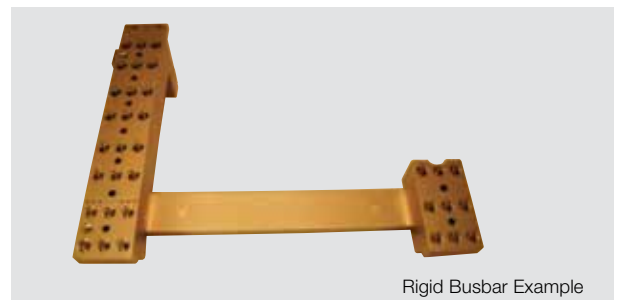
FlexaBIS front view
(low temperature PEI material)



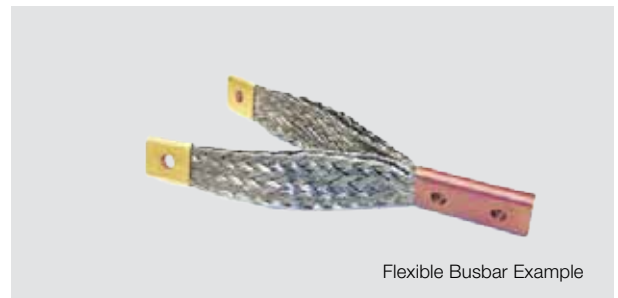
FlexaBIS back view
(low temperature PEI material)



FlexaBIS front view
(high temperature PAI material)



Rigid Busbar Example



Flexible Busbar Example

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