

TE CONNECTIVITY POWER FROM WHIP TO CHIP

TE is a trusted supplier of power solutions, delivering products engineered for efficient power distribution across modern data centers. Our portfolio supports industry-standard form factors and customized solutions for diverse customer architectures. Working with leading hyperscalers and ODMs, TE helps drive innovation, scalability, and reliability in next-generation infrastructure.



AC Input



HVDC
Power Rack

HVDC to LVDC
Server Rack



Rack Power Busbar



Power Shelf



Compute / Server / Networking

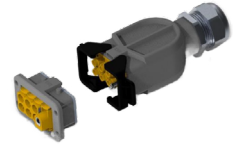
AC POWER

AC WHIPS

- ORv3 10U and 20U form-factors, supporting OCP and NV Power Shelf architectures
- NEMA and IEC versions
- 30A, 60A, and 100A+ /pin
- Board mount, panel mount, and hybrid internal whips
- Angled exit options (45° or 90°) for limited cable exit spaces



10U AC Whip

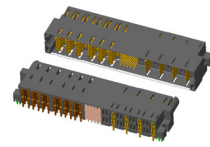


20U AC Whip

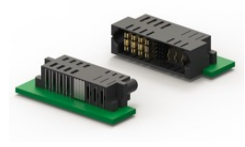
POWER SHELF

Power Shelf Connectors

- MULTI-BEAM product families provide up to 185A/contact
- Cable assembly and board connector options
- Standard height permits better air flow
- OCP compliant



MB Pro



MULTI-BEAM Plus

Power Shelf Busbar Assemblies

- High current density busbar assemblies
- Customized flex busbar designs to meet specific customer architectures
- Fully compliant with ORv3 48V standards



ORv3 Horizontal Busbar



BB4000 Power Connector

RACK POWER BUSBAR

Vertical Busbars

- Standard vertical busbars for ORv3, HPR, HPRv2, HPRv3 & HPRv4 racks
- Liquid cooled busbars enabling >1MW @ 48V
- HVDC busbars for +/-400V and 0-800V HVDC
- Scalable power capacity and customization



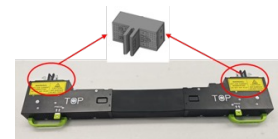
Vertical Busbar



Liquid Cooled Busbar

Rack to Rack Power

- Enables power transfer from Power Racks to IT Gear Racks
- Up to 800A per connection



Rack to rack horizontal busbar

COMPUTE / SERVER / NETWORKING

Rack Busbar IT Gear

- Flexible termination solutions and orientation styles
- High current capability (150A+ increasing to 550A+)
- OCP compliant mating interface
- Customizable for power routing into IT gear equipment



IT Gear Connector and Cable Assembly

Rapid Lock Pin and Socket Assemblies

- Single-pole and double-pole, quick connect/disconnect assemblies
- High current density solution for wire to board connections
- Tool less design with minimized PCB estate area
- Scalable to provide up to 350A/Pin current capacity
- Power only or Power+Signal options



Rapid Lock Assemblies

ICCON Pin and Socket Assemblies

- Flexible configurations with an optional floating feature
- Compact design supporting high current ratings up to 400A
- Various mounting options available with a large variety of sizes and orientations to meet variable designs
- Full portfolio of socket inserts, pins, socket blocks and posts



Floating
ICCON Socket



ICCON
Pin



ICCON
Socket
Block



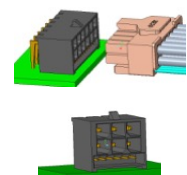
ICCON
Post

ELCON Wire to Board Products

- Easy assembly with multiple blind-mate features
- Design flexibility with plug kits and flexible cable assemblies
- Variety of mounting options, positions, and cable sizes
- Small height, with availability of stacked versions
- Up to 40A per contact

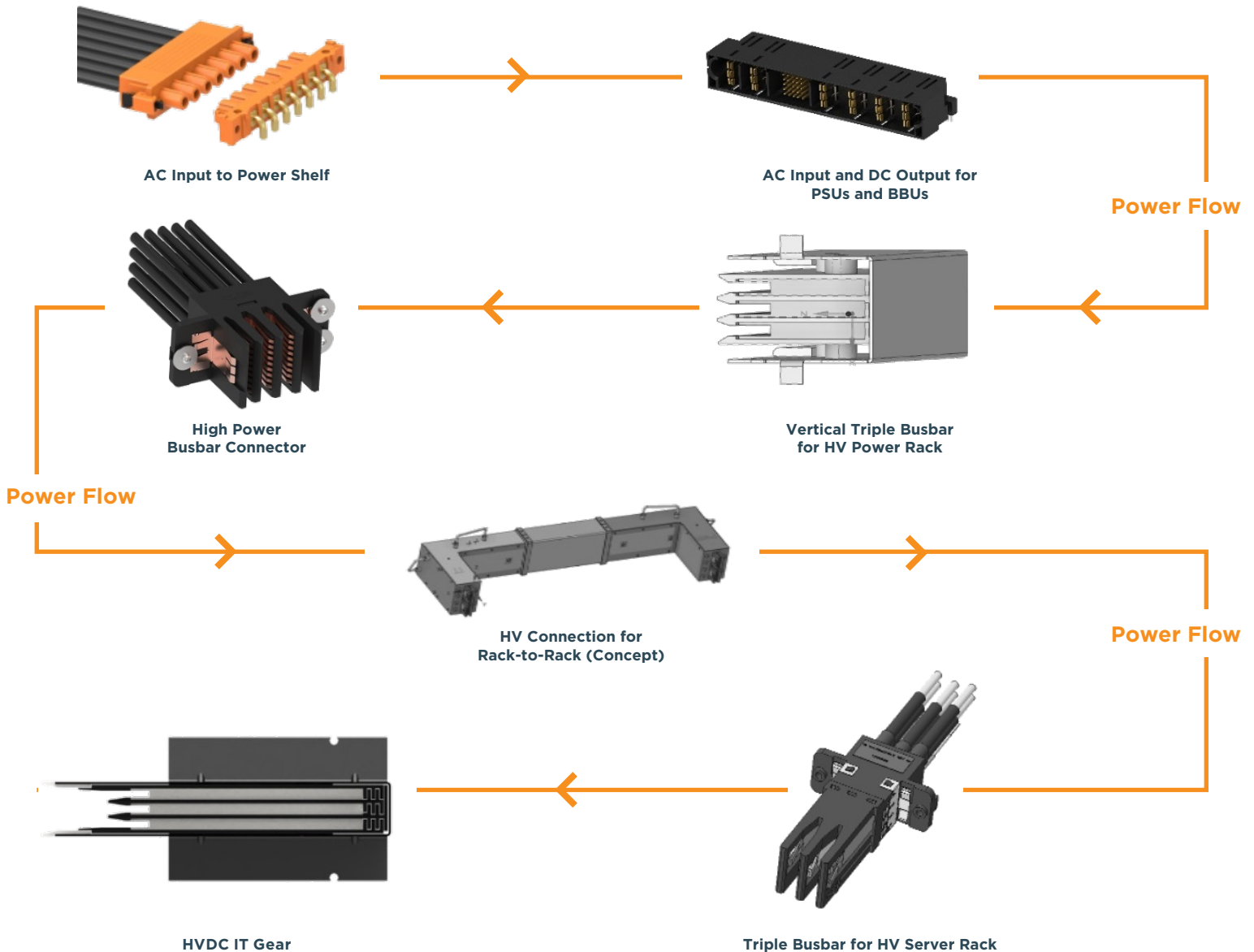


ELCON Mini



ELCON Micro
MPIC

TE HVDC POWER – FROM WHIP TO CHIP



Connect With Us

We make it easy to connect with our experts and are ready to provide all the support you need. Visit te.com/support to chat with a Product Information Specialist.

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DIGITAL DATA NETWORKS

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