ENABLING NEXT-GEN POWER ARCHITECTURES

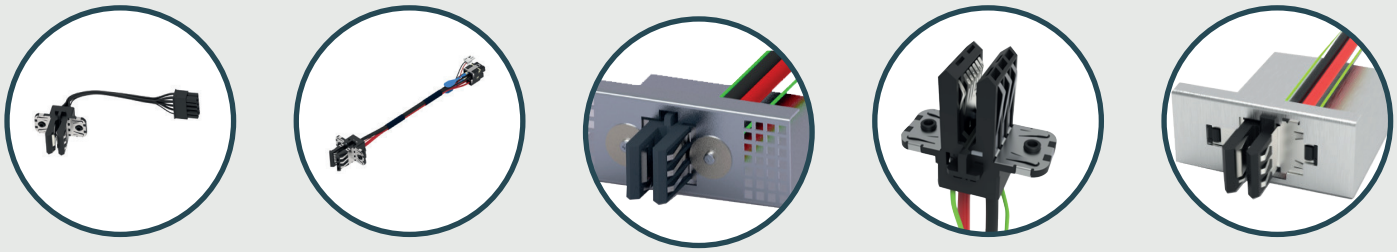
When distributing power from a data center rack busbar to the individual IT Gear such as server, storage or switch shelf, customers are now considering Open Rack V3 IT Gear 48A Input Connector solutions recently released as part of the Open Compute Project. TE Connectivity's (TE) customizable cable assemblies enable customers to choose the solution they need to address their IT Gear power input requirements.

TE's Open Rack V3 IT Gear portfolio offers:

- Derived from the existing open compute projects 48v cable to busbar it gear connector
- Enhanced with dedicate chassis ground contacts
  - Connections with contacts to busbar cage
  - Provides mate first - break last feature
  - Conducts 2x rated current for 2 minutes
- Integrated new sense contact
  - Provides mate first – break last feature
- Connector designed with additional horizontal float
  - Improved to +/- 3.0mm
- Increased current carrying capacity
  - Capable of >150A per contact
- Connector to panel mount features include
  - Screw mounted
  - Toolless mounted

Power Cable Assembly solution:

- Custom designs to support power distribution within IT Gear
- Various wire gage options
  - 1x4 AWG, 3x8AWG, 1X10AWG
- Multiple power connector solutions for cable assembly integration
  - MULTI-BEAM XLE, ELCON Mini, VAL-U-LOK, Lugs, and more



POWER SOLUTIONS

For Open Compute Project (OCP) applications

TE Connectivity's (TE) power connectors and cable assemblies provide simple yet customizable designs that enable a standardized platform capable of efficiently distributing up to 500A of power per UL and CSA criteria, while offering improved electrical performance. These simple plug-and-play solutions support 12V up to 48V and offer low resistance and low milli-volt drop.

We help our customers realize operational and overall system cost savings by providing power products that support low energy consumption. These products are compatible with specifications for use in rack-level bus bar applications including power shelves, battery backup unit (BBU) shelves, IT trays and server sleds.