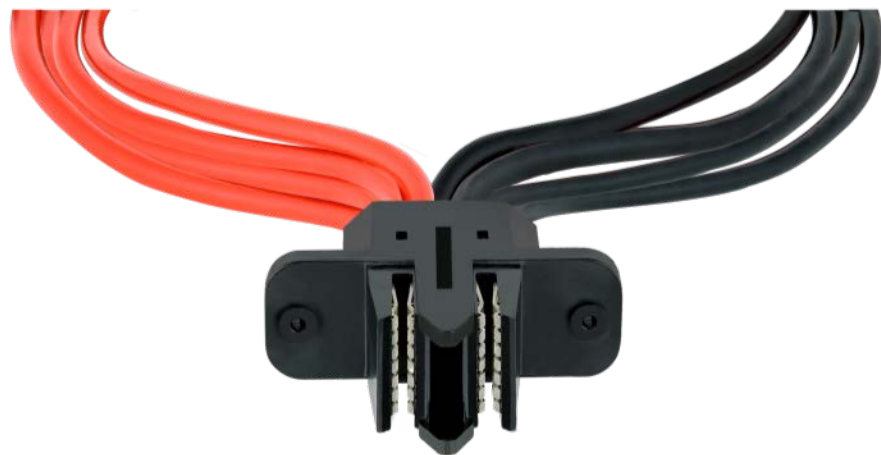




BarKlip® I/O

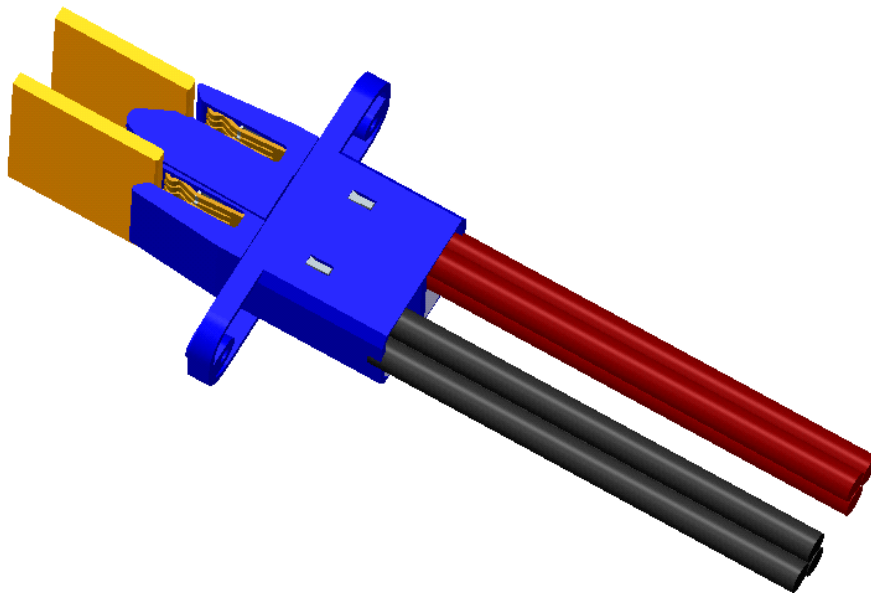
Product Presentation



BarKlip® I/O

What is it?

- BarKlip® I/O is a cable to busbar solution, designed per the Open Compute (OCP) Power Distribution Architecture Standard , the cable connector connects with the system rack bar (3.0mm thick copper bar) to achieve a direct pluggable connection.



BarKlip® I/O

Advantages of BarKlip® I/O

- Compatible with OCP standard
- Wide wire range selection (14~2AWG, up to four 8AWG)
- High current rating 200A/contact



BarKlip® I/O



Features and Benefits

Features	Benefits
<ul style="list-style-type: none">■ Contacts with high conductivity copper alloy, 14 independent conducting beams and silver plating	<ul style="list-style-type: none">■ Carry up to 200A/Contact (30° T-rise in still air)■ Low contact resistance
<ul style="list-style-type: none">■ Ultrasonic welded connection between wire and contact	<ul style="list-style-type: none">■ Low voltage drop■ High reliability
<ul style="list-style-type: none">■ Housing with high temperature and Halogen-free resin	<ul style="list-style-type: none">■ Wide operating temperature range of -40°C to 105°C■ Next generation environmental requirements
<ul style="list-style-type: none">■ 14AWG=24AWG wire range■ Terminates up to four 8AWG wires	<ul style="list-style-type: none">■ Supports different wire combinations with equal cross-section area for a wide range of power distribution requirements

BarKlip® I/O

Typical Applications

- AC/DC pluggable power supplies in Telecom & Datacom/networking equipment (server, switch, and storage)
- Industrial equipment or Hyperscale computing architectures using busbars for power distribution



Simplify the power distribution within a rack

BarKlip® I/O



Specifications

- Housing: high temperature thermoplastic (UL 94 V-0, halogen free), black
- Contact: high conductivity copper alloy
- Contact finish: silver plating over nickel
- Raw cable: 16~2AWG or equal cross section area wire combination
- Current rating: up to 200A ((30°C T-rise in still air)
- Operating voltage: 480VDC
- Dielectric withstanding voltage: 1000V
- Insulation resistance: 5000M Ω
- Contact resistance: 0.2m Ω max.
- Mating busbar's thickness: 3.0+/-0.1mm
- Pitch of two parallel busbars: 17+/-0.25mm
- Durability: 50 mating cycles

BarKlip® I/O

Part Numbers



Description	Part Number
Cable assembly	10130664- *
Busbar 3.0mm thick (mating part)	



THANK YOU

