DATASHEET

PowerPlane Busbar Power Connectors ›

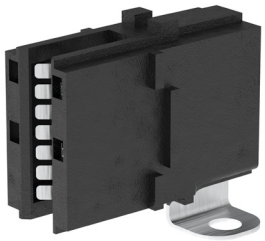
PowerPlane Busbar Power Connectors deliver high-current performance along with various configurations and feature options, making them applicable for a wide range of power-distribution applications

PowerPlane Busbar Power Connectors

FEATURES AND ADVANTAGES

High-conductivity Copper alloy
Provides superior electrical performance

Float-mount design available
Allows up to +/- 1.00mm of misalignment, facilitating blind mating in deep racks

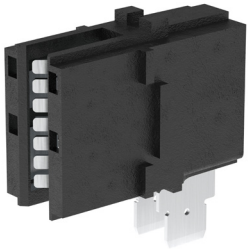


One part number mates with 3.00- and 3.18mm-thick busbar tabs
Facilitates mating with de facto output blades for typical power supply applications

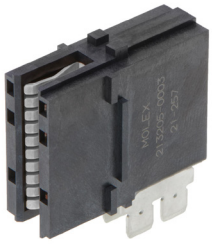
Silver plating for lower resistance
Provides excellent reliability and performance

Low-voltage drop
Affords minimal heat generation

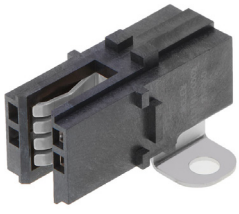
Dimensionally compatible with competitors' connectors
Allows for drop-in replacement for second-source opportunities



Multiple, independent points of contact
Allows for 40% more points of contact than competitive products for high reliability and enhanced performance



Screw-mount or solder-attach options
Allows for flexible and secure fastening to the busbar or PCB



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MARKETS AND APPLICATIONS

Automotive
EV charging stations

Consumer
Power connections

Data Center Solutions
Routers

Networking
Network interfaces
Networking equipment
Power supplies
Rack-mount servers

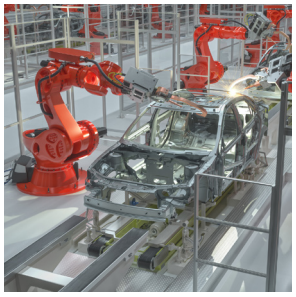
Telecommunications
Base stations
Routers
Switches

Industrial Automation
Automobile construction equipment

Commercial Vehicle

Energy Storage Systems
Electrical switch panels

Network Servers



Robot Assembly Arm

Electrical Switch Panels

SPECIFICATIONS

Reference Information
Packaging: Tray
UL File No.: E29179
CSA File No.: C22.2 and 182.3-M1987
Mates With: Busbar
Use With:
- Series: 213191 ➔ Busbar or PCB
- Series: 213205 ➔ PCB
- Series: 213274 ➔ Busbar or PCB

Designed In: Millimeters
RoHS: Yes
Halogen Free: Yes

Electrical
Voltage (max.): 600V AC
Current (max.):
Reference product specifications
Contact Resistance (max.):
Reference product specifications
Insulation Resistance (min.):
Reference product specifications

Mechanical
Durability (min.):
Series 213191—200 cycles
Series 213205—200 cycles
Series 213274, 213794—200 cycles

Physical
Housing: High-temperature plastic
Contact: Copper alloy
Mating Surfaces:
- Series: 213191 Silver
- Series: 213205 Silver
- Series: 213274, 213794 Silver

Mounting Tabs:
- Series 213191—Tin
- Series 213205—Tin
- Series 213274—Tin

Underplating: Nickel
Operating Temperatures: -40 to +125°C

www.molex.com/link/busbar.html

Order No. 987651-6712 Rev. 2 USA/0k/GF/2022.03