STEELE CONNECT

The Ingenious Connection

PCB & Busbar application

Busbar & PCB application

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The electrical capacities of UltraWatts© allows the optimization of the system performances. The electrical behavior of the UltraWatts© contact is 20%* more efficient than the other contact technologies on the market.

Contact size	Insertion Force	Copper Contact Resistance	Maximum Current Rate (at room temperature + 50°C)
0	20 N	0,06 mΩ	100A
1	50 N	0,03 mΩ	300 A
2	70 N	0,01 mΩ	600 A
3	130 N	0,01 mΩ	1000 A

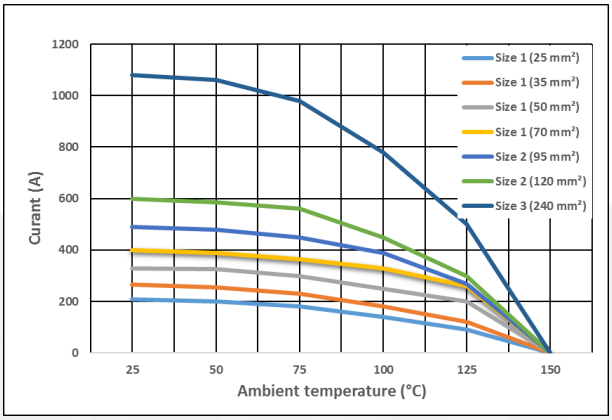
- Four sizes of contacts
- Two materials: copper and aluminum
- Silver plated

For future applications, the De-rating test must be done with the cable application.

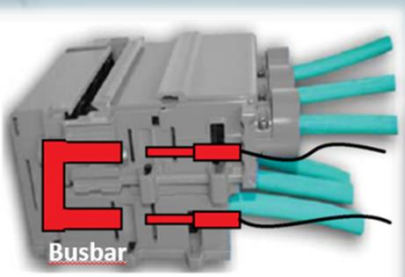
The UltraWatts© can be adapted to your specific needs; Our engineering team is ready to support you to find the right solution.

The UltraWatts© contact is designed to maximize electrical performance (contact resistance is the same as an equivalent cable).

UltraWatts© contacts range from 30A to 1000A according to the configurations of the contact size.



Railway inter-coach busbar jumper (300A & 3600V DC continuous power)



The busbar temperature is lower than the cable.

Railway vibration & shock qualified by our customer according to the EN 61373 level 2 standard.

Battery staking by quick busbar aluminum connection (up to 300A continuous current and 600A peak)

Power PCB staking connection via a quick compact contact (between 30 to 100A continuous current)

Aeronautic vibration qualified by our customer according to the VITA 47