

Coupler Interconnect Solutions for Inter Vehicular Rail Applications



High current modular interconnect solutions optimised to protect the connection from water (IP68 and IP69) dust and dirt in the most demanding environmental conditions.

Waterproof and anti-corrosion heavy duty, modular cabled connector assemblies that conform to IEC60664 and IEC61984 standards specifically designed and tested for intercoaches applications. The solution is suitable for rugged service within railway Rolling Stock, where trains are expected to run up to a maximum speed of 200 kmph in varying climatic conditions.

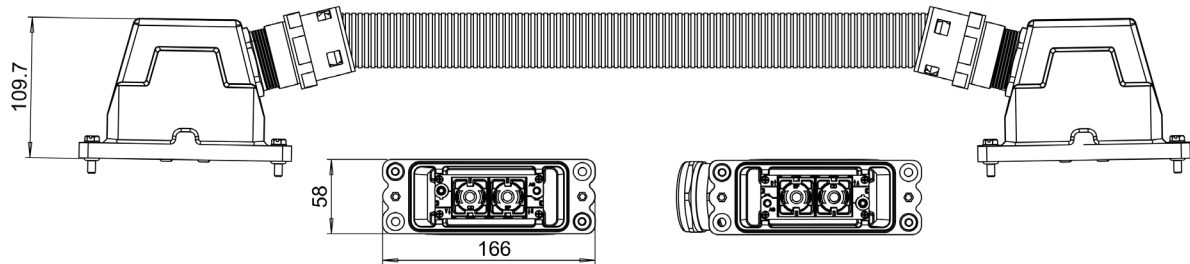
The modularity of the series allows up to 4 high-current contacts that offer from 200A to 650A of current and a voltage of 2000V.

Specifically designed and tested to meet rail industry grade requirements

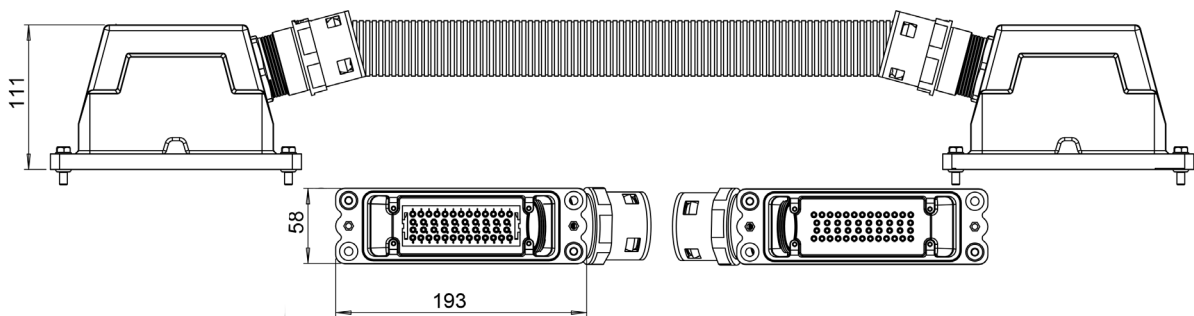
Features & Benefits

- From 1 to 4 power contacts
- From 200A to a peak of 650A
- Pollution degree 3
- Temperatures: from -40° to +125°
- Contact resistance <0.3 m Ω
- Insulation resistance $10^{10} \Omega$
- Mating cycles >500
- Flammability according to UL 94 V0
- Frame material: stainless steel
- Hoods for cable of 18 mm diameter
- Degree of protection: IP68 and IP69

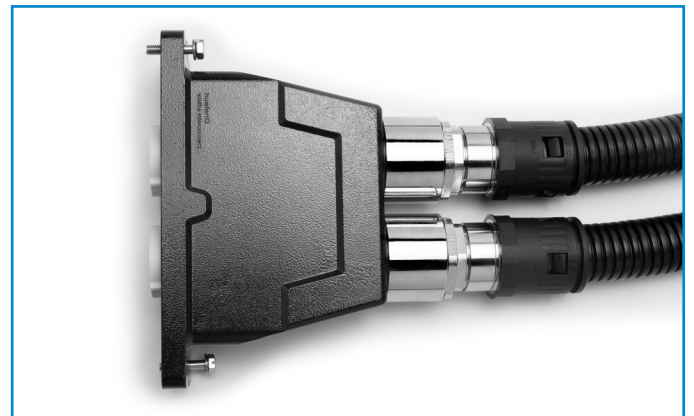
Drawings of IV Coupler D



Drawings of IV Coupler F1



Dimensions are in mm



Rugged and durable
connectivity for harsh
rail rolling stock
applications

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