## HC4 FRESH CONNECTOR



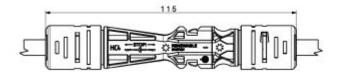
Interconnection Technology for Photovoltaic Systems



## **Interconnection Technology for Photovoltaic Systems**

Due to its exposure to harsh environmental conditions the electrical wiring in the Photovoltaic Industry has to fulfil demanding requirements, e.g. the need for lowest contact resistance and the request for a reliable, maintenance-free functional system.

Besides the high technical needs, laid down in the respective UL and IEC standards, these solutions have to be easy to implement and maintain while being attractively priced. Renewable Energy, a division of Hirschmann Automotive GmbH, together with leading module producers met the challenge and developed the next gen eration connection system for the wringof solar modules. Based on the wide design and development experience gathered in the Autmotive Industry environment, a new product generation has been developed, which sets new standards in terms of reliability, cost efficiency and the ability to differentiate your product against competition.





## **Technical Data**

Socket and Pin Contacts:	
0 1 16 11	High Performence CU-ALLOY
Contact finish:	SnAg
Housing:	PA and mPPE, weatherproof
	resistance against UV radiation and ozone
Color:	Black
Electrical Features	
Rated Voltage:	Up to 1500 V DC / Depends on Type
Rated Current:	Up to 24 A (IEC 4mm²)
Contact Resistance:	< 0,35 mOhm
Mechanical Features	V 0,00 IIIOIIIII
	Diameter 20 mm
Mechanical Features Dimensions:	Diameter 20 mm
Mechanical Features Dimensions: Temperature Range:	
Mechanical Features	Diameter 20 mm -40 °C to +85 °C (ambient temperature)

Contact us! Let's work together in defining your competitive advantage to succeed in the global market environment.

## **Hirschmann Automotive GmbH**

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