

Amphenol

connecting tomorrow

Plastic Circular Connectors for PV Inverter and Solar Power Systems

Designed to meet the high-performance requirements of harsh-environment industrial applications. The range includes versions with screw and crimp terminations.

Approved Outdoor performance IP65/67 and secured locking feature acc. DIN VDE 0126-3.

High voltage and high current versions, with fast and secure handling.

Up to 6mm² wire size (AWG 10) and UV resistant.

Berthold Röhrich

Amphenol
Amphenol-Tuchel Electronics GmbH

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Solar Inverter

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Harsh environment connectors – push the limits!

Housings for series C146 are now available with a new surface which can withstand salt mist for more than 500 hours. Different than market standards, tests were performed and passed for completely assembled connectors. This new housing series offers best salt spray performance within the rectangular connector field. Surface is robust and can withstand high as well as low temperatures. In combination with high quality sealing materials this new housing series enables C146 connectors to be used in extreme environments like wind power stations, high voltage switchgears and other outdoor applications. Test the only really corrosion resistant version now!

Joachim Schmidt



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CONNECTING WIND ENERGY

A lot of advantages of corrosion resistant C146! Power up with Radsok modules!

- extrem low cost of ownership
- surface is very robust against mechanical influences
- meet the requirements acc. to IEC 60512-11-6:2002 for min. 500 hours
- excellent competitive prices
- currents up to 150A per contact
- crimp version is gas and vibration proofed
- fits in C146 modular systems
- can be combined with other modules



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Power up with Radsok modules!

With the new 2 pole Radsok module, the modular rectangular connector system C146M can be used for power transmission up to 130A. Two 6mm Radsok contacts for wire gauge up to 35mm² can be used in these modules at voltages up to 1000V. Pin contacts are designed IP20 touch proof, so that current can be transmitted with the male as well as with the female modules. Secure and well known crimp technology offers as save termination of wires to the modules which is long term resistant and vibration proof. Compared to other high power modules on the market, these new modules can be offered very competitive. Power up you application now!

Joachim Schmidt



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