



EMI Wind-Lok

BACKGROUND

Sensitive devices in the Control System can draw interference from electromagnetic energy generated by high power equipment, such as, electrical generators and charging systems. As Control Systems become more and more intelligent, they require improved electromagnetic shielding performance on these power devices.

PROBLEM

Most metal shell high power connectors are not designed to incorporate electromagnetic shielding. For safety concerns, most of these connectors are finished with a non-conductive surface treatment, making electromagnetic shielding difficult.

AIO SOLUTION

Amphenol Industrial Operations brings the EMI Wind-Lok, a single pole, high power, heavy duty connector, with brilliant electromagnetic shielding performance to the marketplace. This metal housed connector uses a special plating treatment with a 300 Day Salt Spray Rating, non-conductive outer surface and a well conducted inner surface. The 18mm RADSOK® socket contact provides a high current rating up to 800A. EMI Wind-Lok is a perfect solution for high power, heavy duty applications involving wind turbines, offshore wind farms, electrical generators, charging systems, and offshore petroleum production.