



### **Amphenol® NEPTUNE® Rugged Environment Connector featuring RADSOK® Contacts.**

Amphenol Industrial Operations introduces a new power connector family featuring Amphenol's exclusive **RADSOK®** contact system. The new **NEPTUNE®** connector series is designed to perform in the most demanding environments.

**NEPTUNE®** incorporates Amphenol's RADSOK® contact technology. The RADSOK® system is a patented electrical terminal based on a hyperbolic grid configuration. As a male pin is inserted, the grid deflects, imparting high normal forces. The hyperbolic configuration ensures a large coaxial, face-to-face engagement area for a low milli-volt drop connection with low insertion force. The stamped grid and cylinder are very rugged, allowing for a high quantity of insertion cycles and off axis insertions.

#### Features:

- RADSOK contacts provide increased amperage in smaller package
- 30 Amp through 400 Amp/600 Volt inserts available
- Decreased weight & panel layout compared to the competition
- Double lead Acme threads for easy coupling
- Machined contacts designed for longer life/mating cycles
- RADSOKs allow for lower insertion forces than standard contacts
- Three key design to limit cross-mating
- Machined aluminum dust cap for environmental protection
- Plugs utilize mechanical clamp strain relief
- VFD rated inserts
- U.L. approval pending

For more information and product specs visit <http://www.hillcrestenterprises.com/docs/neptune.pdf>

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