# **Amphenol**<sup>®</sup>



# **VORTEX GT Power Connectors for Wind Energy Technologies**

Amphenol®, which has been manufacturing connectors for more than 75 years, offers an extensive array of connector lines including rectangular, circular, fiber optic, EMI/EMP filter and a variety of special application

With the introduction of its patented RADSOK® technology, Amphenol® Industrial Operations (AIO) revolutionized the connector Industry. RADSOK'S twisted grid configuration allows for 50% more current to pass through the same size pin, while providing increased reliability, ampacity and cycle durability as well as lower insertion force, T-rise and voltage drop.

## Features:

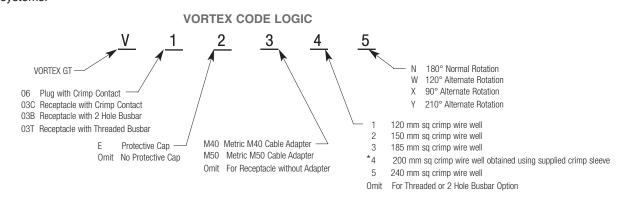
- 1/4 Turn Mating

- Crimp or Busbar Termination
  Silver Plated Contacts
  Finger Proof
  Current: 800Amp
  Voltage: DC 470/600V
  Operation Temperature: -20~120F

The Vortex GT is a reverse bayonet connector which incorporates our patented RADSOK technology. It is designed to deliver high power from source to load. The plug contains an 18mm RADSOK socket and Receptacle contains an 18mm pin with the option of crimp, 2 hole busbar, or threaded busbar termination. When unmated personal safety is maintained through IP2X (touchproof) contact design. The RADSOK'S strongest benefit is its very low milli-volt drop and minimized temperature rise when transmitting high current. The 18mm Vortex GT is perfectly suited for high amperage applications such as electrical generators, fuel cells, load banks, and charging systems.

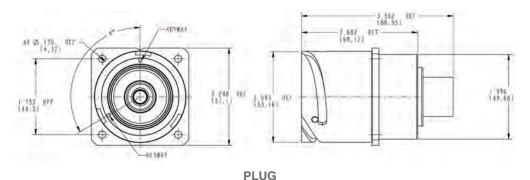
#### Benefits:

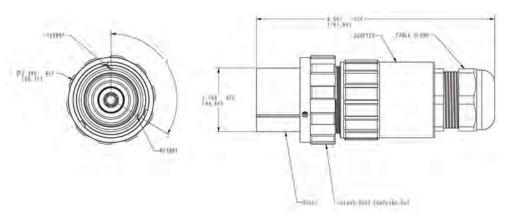
- · Quick positive coupling
- · Audible, tactile and visual indication of full coupling
- Environmental Applications
- High Amperage Applications
- Easily Adaptable
- · Better Conductivity where needed



#### **CONNECTOR STYLES:**

## **RECEPTACLE**





Notice: Specifications are subject to change without notice. Contact your nearest Amphenol Corporation Sales Office for the latest specifications. All statements, information and data given herein are believed to be accurate and reliable but are presented without guarantee, or responsibility of any kind, expressed or implied. Statements of suggestions concerning possible use of our products are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent. The user should assume that all safety measures are indicated or that other measures may not be required. Specifications are typical and may not apply to all connectors.

For further information on your individual application requirements, contact: Amphenol Corporation

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