



Amphe-Lug

BACKGROUND

Battery cables, busbars, circuit breakers: all have the occasional need for a single wire termination. In these applications, it is often necessary to terminate one or both ends of the cable to something other than a conventional pin or socket. The design engineer will often utilize a high performance crimp terminal or lug. This provides a quick and efficient method for terminating the cable to a bolt-on stud which is used on high voltage/high amperage equipment.

PROBLEM

Not all cable assemblies are terminated to a connector. When disconnect cycles are few and the electrical integrity of a circuit can be satisfied by a bolt on lug, a crimp terminal is often the most cost effective avenue to pursue. High amperage, high conductivity terminals are an industry standard. These lugs are often considered “hardware” but are actually an important component of the circuit.

AIO SOLUTION

Amphenol Industrial Operations has developed the Amphe-Lug, a series of high amperage, high conductivity copper terminals for use in harsh environment applications. These terminals are available in metric or AWG sizes and one or two hole designs. Electro-tin plated terminals are standard. An inspection hole is provided to ensure adequate cable insertion is achieved. Recommended crimping instructions and tools are available.

