



Amphe-309

BACKGROUND

Domestic electric, construction sites, data center & server, lighting and audio power, camping sites, commercial and agricultural installations, and outdoor apparatus are all industries that require a high degree of compatibility and reliability for their power solutions. IEC 309 plugs and sleeves are a well known solution with a color coded system and interchangeable features that meet all of the needs in these industries.

PROBLEM

We responded to the needs of residential users, commercial and industrial product installers, and plant and MRO staff: Eliminating confusion and guesswork, reduce installation downtime, as well as, provide a cost savings.

AIPG SOLUTION

The new generation of IEC 309 (Amphe-309) from Amphenol includes plugs, receptacles, connectors, inlets and mechanical interlocks, which all comply with the requirements of IEC 603 09-1 & 2, EN 60 309-1 & 2. The Amphe-309 consists of a wide range of products with ingress protection ratings of IP44, IP67, and some IP68 offerings. Amphenol offers it all, from 16 Amps up to 125 Amps (International ratings), 20, 30, 60 and 100 A (North American ratings) and up to 690 V. As always Amphenol provides the best solution with safety, reliability and cost savings in mind.

We also value add cable assemblies with the Amphe-309. Customers can benefit from one stop shopping to save on cost and meet their challenging lead times. By leveraging our 80+ years of expertise in connector design and manufacturing, Amphenol is able to provide a well engineered product from customer designed Combination Units to meet the needs of any sensitive environment, as well as, heavy-duty products for those challenging applications.

With UL, CSA, CE and CCC, Amphe-309 is certified to cover the globe.

