Amphenol[®] Application Note

IAN-20



Frangible AC Link

BACKGROUND

Hurricane and Tornado damage is devastating for both industrial and residential areas. The damages total in the millions. Additionally, homes and business without damage can go for weeks without power due to debris knocking down power lines.

PROBLEM

Debris, including trees and roofs, will pull power hook up from utility poles to homes. The need is a breakaway link that will pull away from the home or business before serious damage is done to home; Also, this places the "live portion of the wire above ground at the transformer level which ensures the safety of those on the ground. High power with good retention values and able to package in a size that meets utility specifications.

AIO SOLUTION

RADSOK[®] bus assembly packaged in an industry approved system will meet utility standards and customer specific requirements. Each unit will supply 3 homes with 200amps of power.