Double Pole Terminal Bracket  Part ID 7285ZA2499

Impulse Test
Three positive and three negative impulse shots were applied between the mounting bolt and each of the terminal bolts and between the terminal bolts. The double terminal mounting bracket passed all impulse tests at 165kV.

60Hz Withstand Test
Voltage was applied between the mounting bolt and each of the terminal bolts. The voltage was held for 60 seconds then reduced to half voltage. The terminal mount passed at 50kV in all configurations with no flashover or material breakdown. The Pico coulomb reading was below the 3pC threshold at 25kV (half voltage) demonstrating there are no voids or gaps in the terminal mount material.
More uniform

ECI

As compared to other suppliers

Strength Test
The bracket was bolted securely and two 20 lbs weights were attached (one to each terminal) without breaking.

The double pole terminal bracket was mounted in an oil filled tank and one 20 pound weight was attached to both terminals. The oil was heated to 130° C and held for 8 hours. The terminal mount was allowed to cool with the weight attached until it reached room temperature. The ECI bracket had minimal distortion observed with no breakdown in material as compared to the competitor bracket.