

## TERMINAL WITH DOUBLE WELD AND INSULATION



### ■ The task

An aluminium conductor is to be welded to a two-part terminal. In the first step the aluminium terminal is welded to the nickel-plated copper terminal. Then the welded area is encased with plastic using a special spray process. Then the second weld is carried out attaching the aluminium cable to the aluminium terminal.

### ■ The solution

Both welds are carried out in this sequence using the PowerWheel®.

### ■ The advantages

This welding task cannot be done without the special technology and high output from the PowerWheel®. The welded joint can withstand maximum stress. With this welding method it is possible to ensure that there is no contact erosion between the aluminium and the copper of the terminal.

The process has been approved by the automotive industry.



The weld was produced using the 10 kW PowerWheel® unit in combination with special components.

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