

AMPOWER* Quick Disconnect Terminals**1. INTRODUCTION**

1.1. Purpose

Testing was performed on AMPOWER* quick disconnect terminals to determine their conformance to the requirements of AMP* Product Specification 108-30200-4 Revision A.

1.2. Scope

This report covers the electrical, mechanical, and environmental performance of the 1/0 and 2/0 AMPOWER quick disconnect terminals. Testing was performed at the Americas Regional Laboratory between 05May98 and 26Aug98. The test file number for this testing is CTL 3261-000-021A. This documentation is on file at and available from the Americas Regional Laboratory.

1.3. Conclusion

The AMPOWER quick disconnect terminals listed in paragraph 1.5., conformed to the electrical, mechanical, and environmental performance requirements of AMP Product Specification 108-30200-4 Revision A.

1.4. Product Description

The AMPOWER quick disconnect terminals have been specifically designed for use in the transportation industry since they provide a highly reliable and economic means of terminating large power cables and leads.

1.5. Test Samples

Test samples were representative of normal production lots. Samples identified with the following part numbers were used for test:

Test Group	Quantity	Part Number	Description
1	8	696036	Quick disconnect terminal with 1/0 copper wire
	8	696037	Quick disconnect terminal with 2/0 copper wire

Figure 1

1.6. Environmental Conditions

Unless otherwise stated, the following environmental conditions prevailed during testing:

Temperature: 15 to 35°C
Relative Humidity: 20 to 80%