



<b>Name:</b>	Datacom UPS & Distribution System Upgrade	<b>Client:</b>	O'Donnell Griffin NSW Installations
<b>Owner:</b>	Datacom	<b>Site Location:</b>	St Leonards, NSW
<b>Value at Completion:</b>	Approx. \$105,000	<b>Year Completed:</b>	2008

**Project Description:** The project involved the manufacture of a supply authority CT metered Main Switchboard and Main Distribution Board. The switchboards were manufactured utilising the Elsteel Techno modular type tested switchboard system and mounted on custom manufactured galvanised channel iron plinths. The MSB & DB were rated at 1600Amps at 30kA for 1 second. The distribution board was manufactured in a front connected demountable configuration utilising bus plugs for the main power connections.

- Technical Highlights:**
- Design, CAD drawing of SLDs, Schematics, GAs & Layout Drawings
  - Electrical Component fitout
  - 1600 Amp Bus Bar System, Power and control cabling
  - Factory Acceptance Testing
  - On site installation & Commissioning

**Personnel:** Switchboard Manager: Brett Dunning  
Project Designer: Paul Dent

**Special Project Achievements** The project was undertaken on a Design and Construct basis. As such ODG incorporated the engineering, design and integration of the new system with the existing and future services.

# PROJECT PROFILE

**Quality Standards** AS/NZS 3000, AS/NZS 3439.1  
**Applicable**

**Specific OH & S Requirements** IP2X Touch Protection, Demountable Configuration

<b>Referees:</b>	Andrew Minahan Project Manager ODG Ph: 02 9947 7800	Martin Hill Project Supervisor ODG Ph: 02 9947 7800
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