

## 6 - MV Dist Equip & Automation Solutions

### Lucy Switchgear

Through world class design and manufacture Lucy Switchgear can offer a range of switching and protection solutions that meet the requirements of today's electricity distribution networks and private electricity networks alike.

The fused cut-out range covers all distribution applications: street lighting for both electricity supply and client protection and isolation. House service as a family of options ranging from 60A to 100A single phase and three phase. Heavy duty for commercial and industrial applications, 200, 400 and 600A variations are available to suit. Pole mounted up to 400A for high level transformer protection applications. There is also an ABC connector box available for high level LV cabling management. Main and Submain LV distribution is catered for by the feeder pillar and multi service distribution board (MSDB) ranges.

MV secondary ring main switchgear, utilizes vacuum technology up to 24kV. Overhead line applications incorporating 'rocking' disconnectors for rural electrification and rotating disconnectors for substation application are available up to 145kV, 2500A. Remote control and automation solutions are available for new build and legacy systems for both pole and ground mounted equipment utilising the Gemini RTU and SCADA applications.

### Gemini Scada

- Based on a high level SCADA (Supervisory Control and Data Acquisition) programming language and field-proven technology, the Gemini software architecture combines flexibility and scalability
- An ideal solution to implement your distribution automation requirements
- Entire electrical network remote control options, via the use of our automation and monitoring products
- Use of an "off the shelf", Windows based solution that has the ability to be tailored to suit any control room operation
- Scalable and affordable system architecture
- Network status and alarm handling can be interrogated via SMS messaging and mobile communication devices
- Real time data collection, database management
- Real-time dynamic data display
  - Secure operator supervisory control
  - Alarm, event, sequence of event management
  - Historical collection with real-time & historical trending graphs
  - User-based security
  - On-line configuration

### G2-RTU

- Gemini-RTU V2.5 represents the latest technology for remotely monitoring and controlling medium voltage switchgear.
- Its increased versatility now means Internet Protocol based networks and more I/O can be supported including advanced battery back-up monitoring."



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