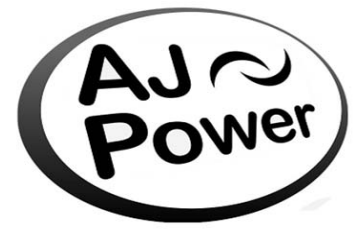




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LS-5 Circuit Breaker Control Module

The LS-5 Circuit Breaker control module is a great option for solving complex power management applications where control of multiple incoming mains and bus-coupling breakers are required.

The LS-5 devices will manage synchronisation, loading and unloading on each bus segment and send the required voltage and frequency references via CAN bus to the InSight6000 Genset controllers. Located in incoming utility breakers, they will automatically detect a utility failure and start the corresponding Gensets. Control wiring and interconnection requirements are reduced to a minimum as only one CAN bus connection is required between all LS-5 devices and InSight6000 controllers.



LS-5 Features

- Up to 16 LS-5 units can be operated in network with 32 Gensets equipped with InSight6000 control units
- Phase match or slip frequency synchronization with voltage matching
- Full protection package including loss of mains (df/dt & ROCOF)
- Event Log with up to 300 entries
- Automatic date and time synchronisation between the LS-5 units and the connected InSight6000 units
- LS-5 "Stand alone" mode without InSight6000 controller
- Preconfigured application modes for the most common application in the field (MCB or MCB/GCB application)
- Automatic and Manual mode
- Full remote control via CAN or RS-485 interface
- Breaker open/close failure detection
- Mains decoupling "Test" mode
- Multilingual capability
- Keypad Lock feature

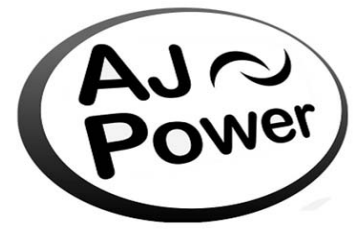
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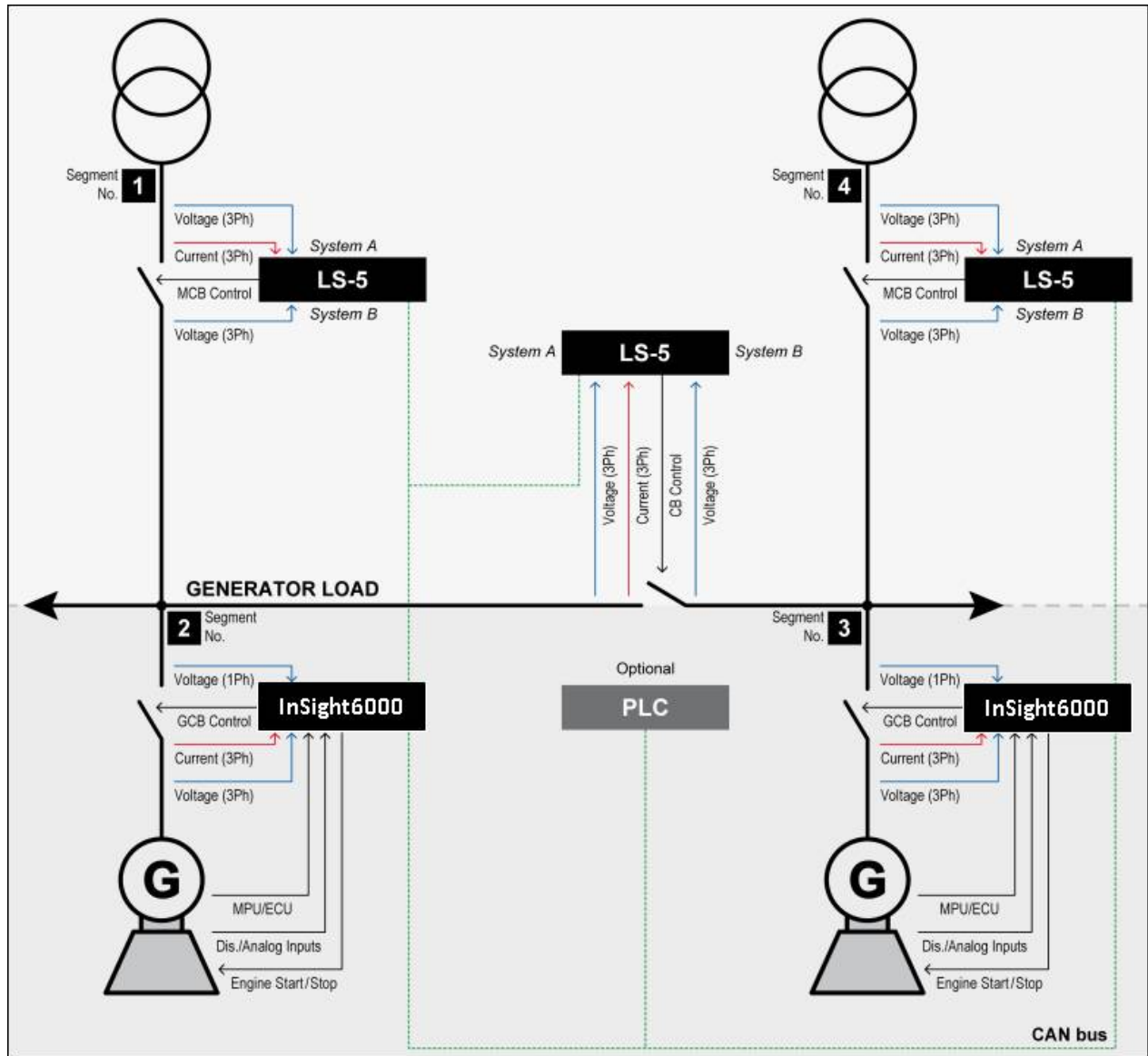
Company Registration No: NI 45303 VAT Registration No: GB 815 2976 14



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Example application



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