GENERAL INFORMATION
Safety, performance and flexibility are optimised in our new Wincon 6 axis controller. Each Wincon 6 control is capable to control any type of drive, providing an accurate close-loop variable speed supervision of winches and lifts ranging from kilograms to tonnes of lifting capacity.

APPLICATIONS
- Theatre fly bars
- Stage Lifts
- Sound doors
- Point Hoists

FEATURES
Wincon Command Line Interface (CLI) over Ethernet and Serial
LED status indicators for the following parameters:
- User-settable configuration
- General Wincon and Axis information
- Timing
- Safety
- Control, including control loop

Single Processor Configuration
- The main processor delivers at least a 10-fold increase in performance versus the Wincon III.
- Provision of adequate PROM and RAM space for expansion of functionality.
- Improved support for firmware download.

Front-panel ‘Isolate/Operate’ switch
- This switch provides local isolation to individual Wincons.

Networks and Serial Ports
- Ethernet port is 10/100-Base-T.
- Optionally, addition of Profibus-DP port to facilitate interfacing Wincon with PLC system and simplify under stage machinery control architecture.
- Provision of two RS-485 ports, configurable for 1-pair or 2-pair multi-drop duplex operation.
- The module address is ‘hard-coded’ into the back plane slots, when used in a Wincon 6 sub-rack.

Technical Specifications

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Summary of axis controller functions
- Motion control
- Weighing measurements: TORQUE & Load Cell
- Emergency stop
- Safety Inputs
- Tuning and adjustment of machine
- Support for Absolute and Incremental Encoders

Hardware Simplification
- The relay logic is replaced with solid-state logic as far as practicable, consistent with relevant safety standards guidelines.
- No hardware configuration jumpers
- Extended encoder support
- Specialised incremental encoder support logic.
- Accepts direct connection of absolute encoder.
Wincon 6 Linear Controller

Product number 811-156-00

ORDERING INFORMATION

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