



Ringway Control & Automation

Ringway Holdings Pty Ltd
ABN 47 087 315 179
4 Lady Penrhyn Drive
Unanderra, NSW 2526
products@ringway.com.au
Ph 02 4255 4300 Fax 02 4271 8990

Queensland Office

Ringway Materials Handling
Unit 10 Woodman Pde,
Mackay, QLD 4740
Ph 07 4952 4001 Fax 07 4952 2216



Ringline MkII Display

P/N – RLDISP2

DESCRIPTION:

The Ringline MkII Display provides a convenient and powerful tool to interrogate Ringline MkII or RLCONV providing access to all system data via an intuitive menu system and navigational buttons.

The Display may also be used to extend the block mask and add/delete switches within the block mask when using the MkII system allowing for safe but convenient expansion and contraction of the safety function switch mask. This feature is particularly attractive for expanding/contracting conveyor installations.

FEATURES:

- Displays the status of a Synchroniser and up to 7 RLMONAB Safety Function Cards...OR Automatically detects and interfaces to a connected RLCONV Controller;
- Displays all safety function selections
- Displays the digital and analog readings from all Ringline channels;
- Displays the current drawn by each transmitter (not available from RLCONV);
- Displays the 10-event Stop History for each connected Safety Card or RLCONV;
- Provides Modbus RTU slave port for connection to a PLC or SCADA system;
- Tabulates system data from each Safety Card for PLC / SCADA;
- Incremental increase of block mask (range of transmitters to which a safety function can be assigned);
- Incremental addition/deletion of switches within block mask for selected safety function;
- Custom User Message capability for every Safety Function Address.

APPLICATIONS:

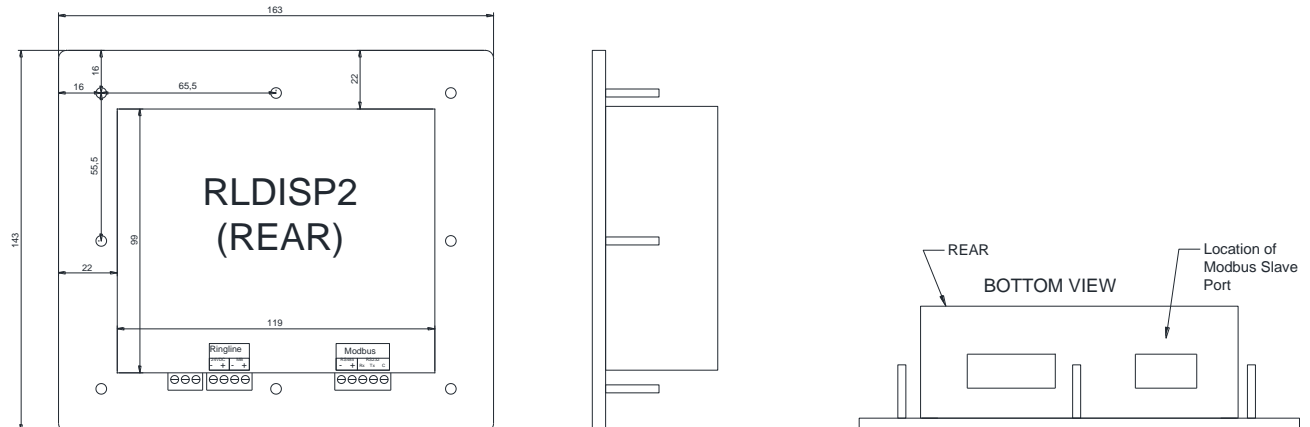
The Ringline MkII Display is an invaluable tool for fault finding. Advanced system diagnostics can be viewed locally on the display or remotely via the Modbus protocol.

The information from the entire Ringline System is collated into a single device, meaning PLC and SCADA monitoring of Ringline is greatly simplified, providing a uniform Modbus table for all MkII Ringline systems and RLCONV.

This display is highly recommended for all MkII Ringline and RLCONV installations where Modbus is the protocol of choice.

BRIEF TECHNICAL SPECIFICATIONS:

Power Supply:	24 VDC \pm 5% @ 220mA
Temperature	0 to 70°C
Ringline Interface:	Standard Industrial Serial Protocol, 9600 baud over 2 wire RS-485.
Output:	Modbus RTU Slave, 19200 9600, 1 2 stop bits, 8 data bits, no parity, half duplex RS-232 RS-485 – jumper selectable
Slave address:	1 – 31 inclusive – DIP switch selectable



Ringline Display physical dimensions