



Ringway Control & Automation

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Ringline MkII Display with EtherNet/IP AnyBus Card

P/N – RLDISP2_EIP

DESCRIPTION:

The Ringline MkII Display with EtherNet/IP AnyBus Card 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 Ringline Ethernet 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 Ethernet/IP 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:

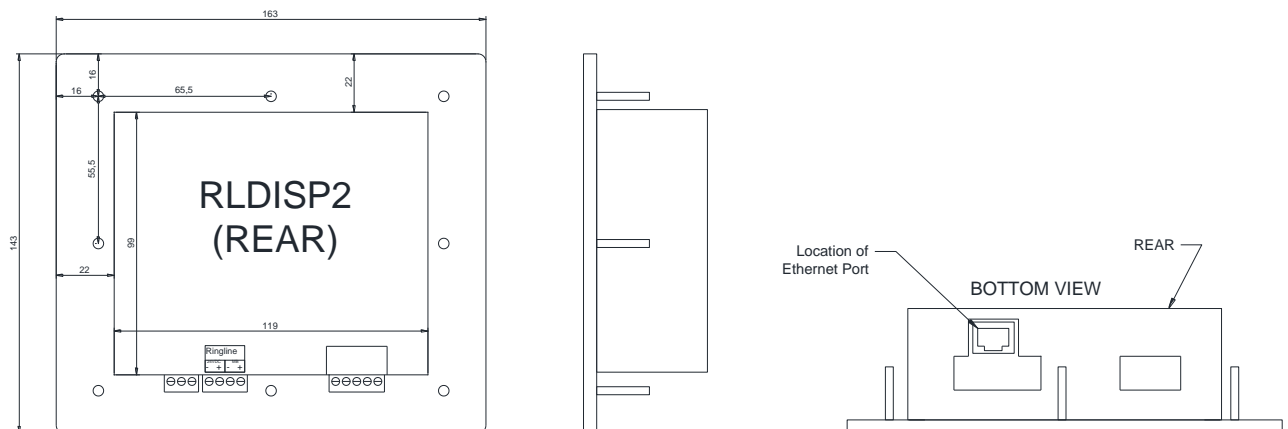
The Ringline MkII Display with EtherNet/IP AnyBus Card is an invaluable tool for fault finding. Advanced system diagnostics can be viewed locally on the display or remotely via the Ethernet/IP protocol.

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 Ethernet/IP Object set for all MkII Ringline systems and RLCONV.

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

BRIEF TECHNICAL SPECIFICATIONS:

Power Supply:	24 VDC \pm 5% @ 370mA
Temperature	0 to 70°C
Ringline Interface:	Standard Industrial Serial Protocol, 9600 baud over 2 wire RS-485.
Output:	Ethernet/IP, 10/100Mbps
Maximum Connections:	CIP Class 1: 31 CIP Class 3: 16 HTTP: 48
Ports:	80; 2222; 44818
Ethernet Port:	1 Ethernet RJ45 Category 5
Cable:	802.3 compliant STP or UTP
IP address:	Static IPv4 addresses via web interface DHCP via web interface 192.168.0.x/24 – x is selectable via onboard DIP switches



Ringline Display physical dimensions