# ACCESSORIES

## PANEL MOUNTED PRODUCTS

## THERMAL MANAGEMENT

### *HEAT SINKS*

**H-4X**

The H-4X heat sink is designed to accept the following panel mounted products:

- IM483
- IM805
- IM483I/IE
- IB462
- IB463

**H-100**

The H-100 heat sink is designed exclusively for IB104, IB106 and IB1010.

### *THERMAL PADS*

**Isolating (TI)**

The TI series of thermal isolating pads is a special film with high thermal conductivity and high dielectric strength. These pads are specifically for the IB Series drivers.

TI-462 ..... IB462
TI-463 ..... IB463
TI-100 ..... IB104/106/1010

**Non-Isolating (TN)**

The TN series thermal non-isolating pad consists of aluminum foil coated on both sides with an electrically and thermally conductive rubber. One side is adhesive backed and may be applied directly to the driver.

TN-462 ..... IB462
TN-463 ..... IB463
TN-100 ..... IB104/106/1010
TN-48 ..... IM805, IM483, IM483I/IE

## MOUNTING ACCESSORIES

**Side Mounting Clip (U3-CLP)**

The U3-CLP is a clip-on mounting system for the following products:

- IM483
- IM483I/IE
- IM805
- ISP200-4/7
- ISP300-4/7

## COMMUNICATIONS & ENCODER

**CV-3222**

The CV-3222 is an inline RS-232 to RS-485 converter for use with the IM483I/IE.

**OPT4-232 (IM483I/IE Only)**

The OPT4-232 is a plug-on daughter board specifically for the IM483I/IE which converts RS-232 to RS485.

**OPT4-DE (IM483IE Only)**

Differential encoder input interface board.

**OPT4-232-DE (IM483IE Only)**

Plug-on interface board which combines RS-232 to RS-485 conversion and differential encoder inputs on the same board.

### *COMMUNICATION CABLES*

**MX-CC100-000**

Communication cable for the MicroLYNX System.
DB-9 to 10 pin IDC.
Recommended with first order.

**MX-CC200-000**

Communication cable for 2 axis MicroLYNX System. DB-9 to two 10 pin IDC.

**MX-CC200-001**

Communication cable for single axis MicroLYNX System mounted to an HMI. Two 10 pin IDC. Used in conjunction with MX-CC400-000 mounting kit, sold separately.

**MX-CC300-000**

Communication cable for 2 axis MicroLYNX System using an HMI. Three 10 pin IDC.

**MX-CC400-000**

Hardware Mounting Kit for mounting a MicroLYNX System to an HMI. Used in conjunction with MX-CC200-001 communication cable, sold separately.

**OSC-CC100-000**

Parameter Setup Cable for the OSC-462H Speed Control Board. DB-25 to 10 pin IDC.

# ACCESSORIES

## PANEL MOUNTED PRODUCTS

### INTERFACE

**Breakout Board (BB-34-4P)**

The BB-34-4P is a plug-on breakout board which adds screw terminal interfacing to the P1 connector end of the following products:

- IM483-34P1
- IM483I/IE
- IM805-34P1

**Interface Board (OPT140)**

The OPT140 adds screw terminal interfacing, isolated current reduction, 470 ohm pull-up resistors and a motor power input capacitor to the IB Series of drivers. It is solder mounted to the driver.

### GUI SOFTWARE

**QuickSTART 1**

QuickSTART 1 is the graphical user interface (GUI) for the products listed below.
Also available in a 5 license site pack (QuickSTART 1-5L).

- IM483I/IE
- IM1007I/IE
- Panther LI/LE
- Panther HI/HE

**NOTE:** This software is not intended for use with any MicroLYNX product. Software for these products is available on the IMS CD or at www.imshome.com.

### CONNECTORS

Connectors identified by the asterisk (*) are optional and do not come with the product. All other connectors which come with the product are available as replacement parts.

**TS-10 (IM1007)**

10 pin terminal strips, sold as a pair.

**TS-6 (IB Series)***

6 pin snap on terminal strips, sold as a pair.

**PLG-R (IM483/IM805-PLG)***

Mating connector pair for the -PLG connector option. Sold as a pair.

**PLG-R1 or -R2***

Replacement connector for the IM483/IM805-PLG by connector.

P2 ..... PLG-R1

P1 ..... PLG-R2

### *REPLACEMENT CONNECTORS (MICROLYNX)*

**MX-CN006**

6 position screw terminal (Power, Ground and motor connections) for the MicroLYNX System.

**MX-CN007**

7 position Phoenix connector (Communications).

**MX-CN008**

8 position Phoenix connector, may be used on the following:

- MicroLYNX Isolated Digital I/O
- Isolated Digital I/O Expansion Module
- High Speed Differential I/O Expansion Module
- Analog Input/Joystick Interface Expansion Module

### OPERATING MANUALS

**LX-OM200-000**

MicroLYNX Product Manual, paper version.

**LX-OM300-000**

MicroLYNX Quick Manual on paper.

**IMS-CD100-000 (IMS CD)**

Contains all IMS Software, Product Manuals and Datasheets.

### GENERAL

**SD-1 (Small End Screwdriver)**

Small screwdriver with a 0.100" (2.54 mm) tip.