

# FEATURES

- ➤ Pluggable Interactive HMI for MIBRX 48X96 Series PLC
- ➤ User Configurable
- > 8+6 Digits 7seg & 8 LED's.
- ➤ Size: 55 x 100 mm

SPECIFICATIONS	
Display	8 Red 7seg Digits (1st Row)
	6 Green 7seg Digits ( 2nd Row )
	8 LED's (4 Red + 4 Green)
No. of Keys	5 ( 4-user configurable) with LED indication.
FUNCTIONAL SPECIFICATIONS (CPU)	
Programming Language	Windows based user friendly SELPRO software for HMI configuration and programming.
ENVIRONMENTAL CONDITIONS	
Operating Temperature	0 to 55°C
Storage Temperature	-20 to 70°C
Humidity (non-condensing)	95%
Mounting	Pluggable connection over panel mounted MIBRX 48 series PLC
Weight	Approx. 50 gms
A CAFFTY PRECAUTIONS	

#### ▲ SAFETY PRECAUTIO

This manual is meant for personnel involved in wiring installation, operation and routine maintenance of the equipment.

All safety related conditions, symbols and instructions that appear in this operating manual or on the equipment must be strictly followed to ensure operator and instrument safety. Any misuse may impair the protection provided by the equipment.

▲ CAUTION : Read complete instructions prior to installation and operation of the unit. The equipment in its installed state must not come in proximity to any heating sources, caustic vapors, oils, steam or other unwanted process by products.

A CAUTION : Risk of electric shock.

#### INSTALLATION INSTRUCTIONS

### **A** CAUTION

- 1. This equipment, being pluggable-type, normally becomes a part of the main PLC device which is used mainly in control panel and becomes accessible to the user after installation.
- Conductors must not come in contact with the internal circuitry of the equipment else it may lead to a safety hazard that may endanger life or cause electrical shock to the operator.
- While installation ensure power to main PLC equipment is switched OFF. In case of replacement of this equipment with any other type, programming of main PLC equipment needs to be modified accordingly.
- 4. The equipment shall not be installed in environmental conditions other than those specified in this manual.
- Thermal dissipation of equipment is met through ventilation holes provided on housing of main PLC equipment. Obstruction of these ventilation holes may lead to a safety hazard.

#### MENU DESCRIPTION PLC Stop mode MIBRX User HMI mode ENT (Press 3sec.) SET (Press 3sec.) Internal menu ENT mode Press F3/F2 to go to Next/Prev DI page as per configuration na na Selection Page AA-BB : Shows lower to higher DI no. Internal Menu X : Shows lower to higher DI Status(0/1) Bootloader version SET for DI's/DO's SELPBO Software version Press F3/F2 to go to Next/Prev (Version number is DO page as per configuration subjected to change) AA-BB : Shows lower to higher DO no. ress ENT to go to previous screen X : Shows lower to higher DO Status(0/1) X - Shows Slot Status. 0 : No/Wrong Card Inserted. 1 : Slot Status OK. Row 2: Shows configured card Shows configure Shows configured nama slot description slot description Communication Setting Row1 : Slave ID and Baudrate Row2: Word Length(8), Parity (N=None) and Stop Bit (2) To Configure slave ID and baud rate(NOTE1) Scan rate MS / SC - Ladder scan time in millisecond for Application SC / MS - Number of ladder scan cycles per millisecond (Display MS/SC or SC/MS is not user setable. it is auto switched when ladder scan time exceeds 1ms) Edit Configuration Settings: SET F1 F3 ENT KEY Edit enable Edit Disable Shift cursor Decrement Increment Save FUNCTION NOTE 1 (Press 3 sec.) position value value value NOTE 2: To adjust STOP bit of Communication settings, refer SELPRO software project setting Selec Enter Bootloader mode: PON 20. 0-2

NOTE- For display nomenclature, refer MIBRX-48-X-X-230V operating instruction.

# ? SERVICE DETAILS

This device contains no user serviceable parts and

requires special equipment and specialized engineers for repair. **Maintenance:** Do not use Isopropyl alcohol or any other organic solvents for cleaning.

Please contact service center for repair on the following numbers: **Tel. No.:** + 91-7498077172:

Email: service@selec.com

(Specifications are subject to change, since development is a continuous process.)

Bootloader mode

## Selec Controls Pvt. Ltd., India

ENT (Press 3sec.)

Factory Address: EL-27/1, Electronic Zone, TTC Industrial Area MIDC. Mahape, Navi Mumbai- 400 710, INDIA.

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OP INST MIBRX-DSP-48-7-2-14-B OP998-V01 (Page 2 of 2)