

EMC Guidelines :
1. Use proper input power cables with shortest connections and twisted type.
2. Layout of connecting cables shall be away from any Internal EMI source.
MAINTENANCE :
1. To avoid blockage of ventilation holes, clean the equipment regularly using a soft cloth.
2. Do not use Isopropyl alcohol or any other organic Solvents for cleaning.

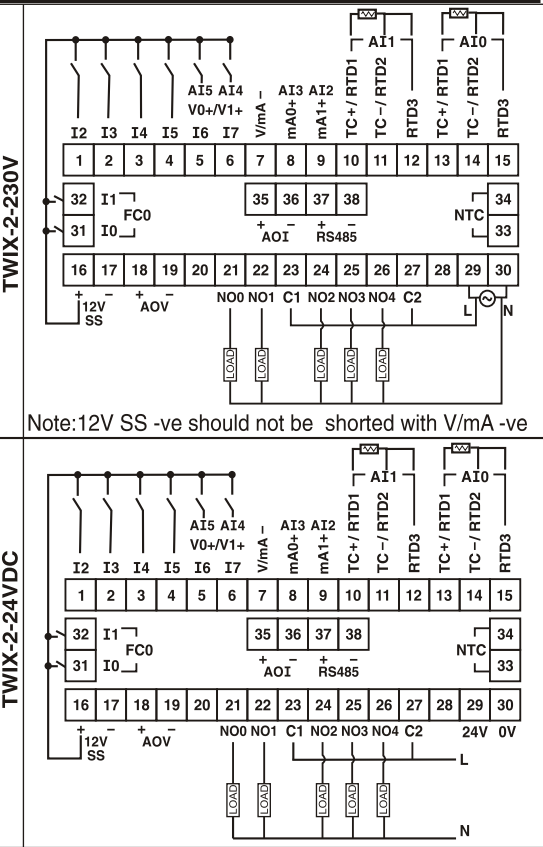
WIRING INSTRUCTIONS

- CAUTION**
- 1. To prevent risk of electric shock, power supply to the equipment must be kept OFF while wiring.
 - 2. Terminals and electrically charged parts must not be touched when the power is ON.
 - 3. Wiring shall be done strictly according to the terminal layout provided in the operating manual.
 - 4. To eliminate electromagnetic interference use short wire with adequate ratings and twists of equal size.
 - 5. The power supply connection cable must have a cross section of 1sq.mm or greater and insulation capacity of at least 1.5KV.

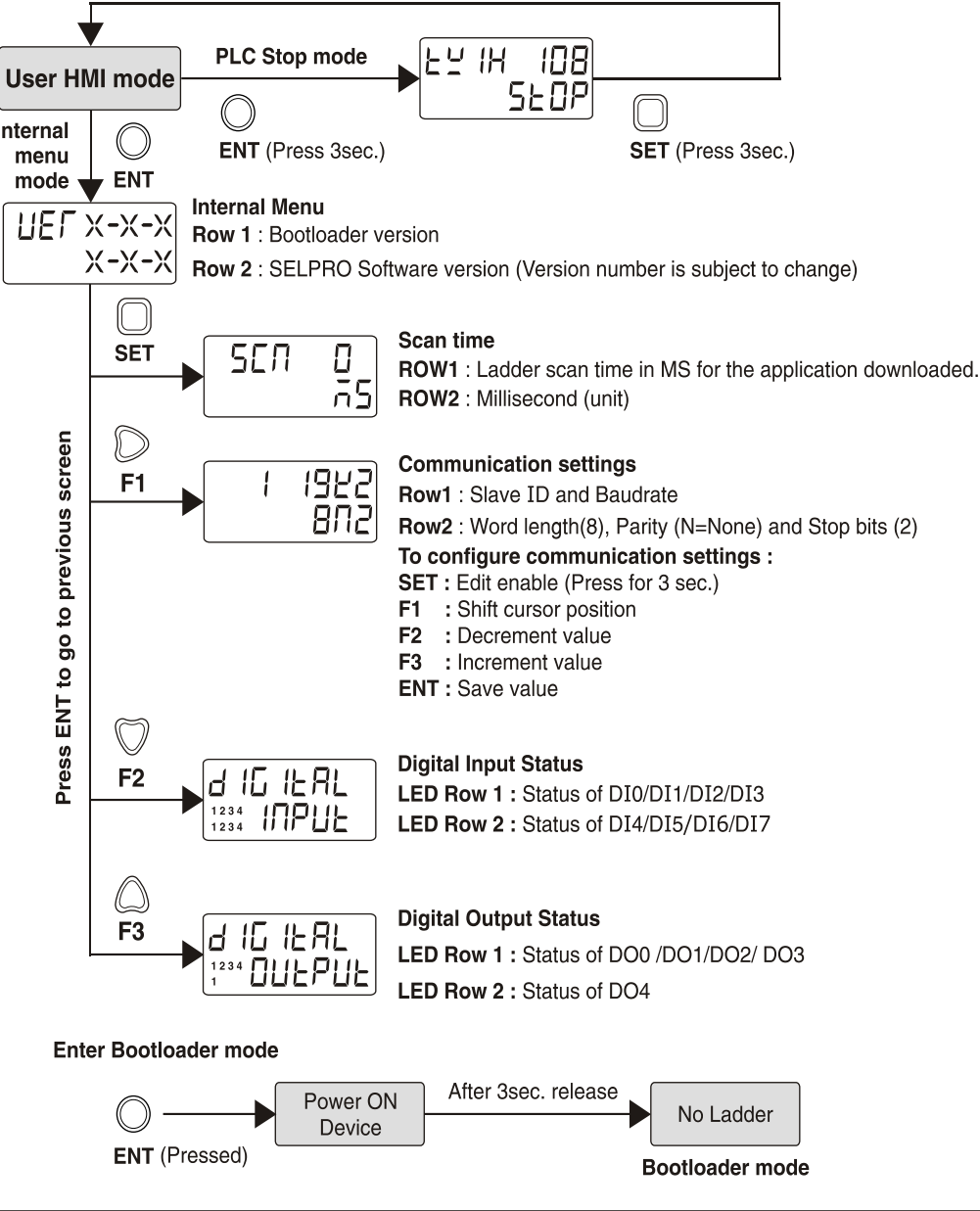
FUNCTIONAL DETAILS

TWIX-2-230V / TWIX-2-24VDC is a PLC with built in HMI. The user can configure the product using SELPRO software. **SELPRO has two sections :**
1. Ladder logic programming section
2. Selec Machine Interface, used for configuration of HMI.
For details of the software, please refer to the software user manual.

WIRING DIAGRAM



MENU DESCRIPTION



ACCESSORIES (To be ordered separately)

ORDER CODE	DESCRIPTION
AC-USB-RS485-02	USB to RS485 cable (2 pin open wire)

SERVICE DETAILS

This device contains no user serviceable parts and requires special equipment and specialized engineers for repair. Please contact service center for repair on the following numbers : **Tel. No. : + 91-7498077172 ; Email : service@selec.com**
NO WARRANTY ON UNIT DAMAGED DUE TO WRONG POWER SUPPLY.

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

Selec Controls Pvt. Ltd., India

Factory Address :
EL-27/1, Electronic Zone, TTC Industrial Area, MIDC, Mahape, Navi Mumbai - 400 710, INDIA.
Tel. No. : +91-22-41 418 419/430 | Fax No. : +91-22-28471733
Toll free : 1800 227 353 (BSNL/MTNL Subscribers only)
Website : www.selec.com | Email : sales@selec.com

CALIBRATION CERTIFICATE

Model :- TWIX-2-24VDC/TWIX-2-230V

Claimed Accuracy :- For TC :0.25% of full Scale $\pm 1^{\circ}\text{C}$
For RTD :0.1% of full Scale $\pm 1^{\circ}\text{C}$
For V & I :0.5% of full Scale

Traceability :-

50X25

This Units Has Been verified For All functional parameters mentioned in Operating Instruction.

Analog Parameters [For Applicable Product]

The Calibration of this unit has been verified at the following value for selection channels :-

ANALOG INPUT	SENSOR	CH0	CH1	CH2	CH3	CH4	CH5
	TC	✓	✓	—	—	—	—
	RTD	✓	✓	—	—	—	—
	CURRENT I/P	✓	✓	—	—	—	—
	CURRENT O/P	✓	—	—	—	—	—
	VOLTAGE I/P	✓	✓	—	—	—	—
	VOLTAGE O/P	✓	—	—	—	—	—

NOTE : Analog Input/Analog Output Has Been Verified At the following Value :

Sensor	Calibration Temp($^{\circ}\text{C}$)	Display Value($^{\circ}\text{C}$)	Sensor	Calibration Value	Display Value
K	35.0	35.0	Voltage (VDC)	0.000	0.000
	700.0	700.0		10.000	10.000
	940.0	940.0			
PT100	0.0	0.0	Current (mA)	0.000	0.000
	500.0	500.0		20.000	20.000
	800.0	800.0			

The thermocouple/RTD curves are Linearized in this microprocessor based product , and hence the value interpolated between the readings shown above are also equally accurate, at every point in the curve.

Product Calibration Is Traceable to NABL Standard.

Unit is accepted as accuracy is within the specified limit of claimed accuracy and certified is valid up to one year from the date of issue.