



96 x 96mm

Technical Specification

Display specifications

Type	3.5 TFT Resistive touch LCD (256 colors)
Resolution	320 x 240
Display Size	3.5" Digonal
Backlight	LED
No. of Keys	4 Function keys + 1 system key

Front panel

Touch screen	Analog resistive
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Communication interface

Communication port	Port 1- Rs485 slave (2 terminals)
	Port 2- RS485 master (2 terminals)
	Port 3- Rs485 master (Jack)
	Port 4- USB

Communication protocol

Interface	Protocol	Configuration
RS485	MODBUS RTU	Slave
RS485	MODBUS RTU	Master
USB	-	Slave

Functional specifications

Programming method	Windows based software for HMI configuration	
Memory	Internal	BMP - 1MB Application - 128KB
Min. scan Time	Less than 100ms	
Typical scan Time	400ms (depends on application)	
Alarm	Yes	
Password	Yes (10 password levels)	

Mechanical specifications

Diamension	99 x 99 x 89.5 mm (W x H x D)
Panel Cutout	92 x 92 (W x H)
Mounting type	Panel mount
Weight	190 gms

Environmental specifications

Operating temperature	0 to 50°C
Storage temperature	-30 to 85°C
Humidity (Non condensing)	95% RH

Features

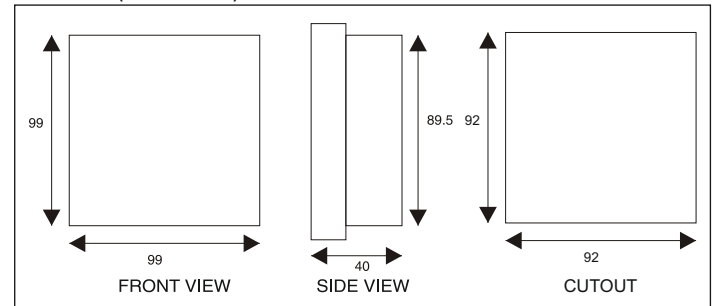
- ◆ 3.5 LCD Resistive touch screen
- ◆ 10 Password levels
- ◆ USB support
- ◆ RS485 MODBUS communication protocol
- ◆ In-Built alarm



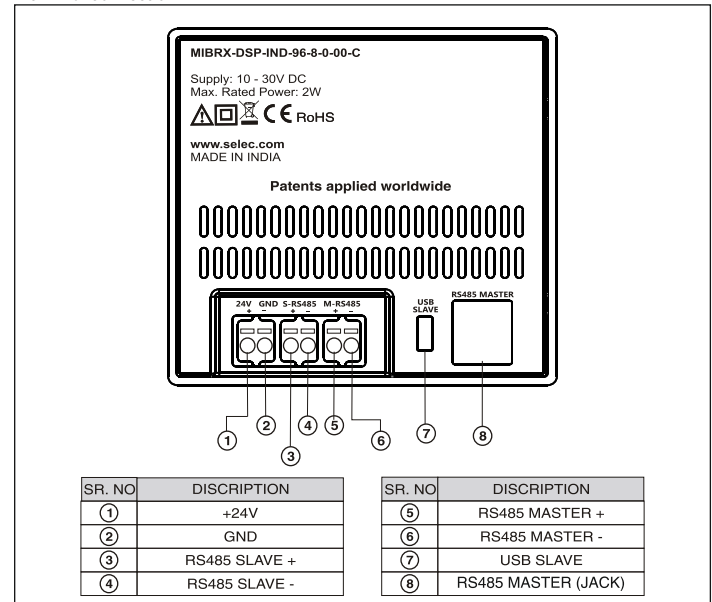
Supply specification

Supply voltage	10 to 30V DC
Power consumption	10VA

Dimensions (All are in mm)



Terminal connection



Ordering information

Product code	Description	Certification
MIBRX-DSP-IND-96-8-0-00-B	MiBRX Independent Display 96x96 - Customized, 14 & 7 Seg, Bar Graphs, Speedometer	CE RoHS
MiBRX-DSP-AP-2M-CE-RoHS	MiBRX 2M Adapter Plate	CE RoHS
MiBRX-DSP-AP-4M-CE-RoHS	MiBRX 4M Adapter Plate	CE RoHS
MiBRX-DSP-AP-6M-CE-RoHS	MiBRX 6M Adapter Plate	CE RoHS
ACH-004-CE-RoHS	Expansion Cable – RJ25 to RJ25 (6Pin)	CE RoHS