



Features:

- 3.5" LCD with resistive touch screen
- 10 password levels
- Recipe Management
- Serial Printing
- Data Logging

Size: (99 x 99 x 62.85) mm

Technical Specifications

Display

Type	TFT
Resolution	320 x 240 pixel
Display size	3.5" diagonal
Backlight	LED
No. of Keys	5 function keys +1 system key

Front Panel

Touch Screen	Analog Resistive
--------------	------------------

Communication

Ports	Interface	Protocol	Configuration
COM1	RS232	Modbus RTU	Slave
COM2	RS485	Modbus RTU	Master
COM3	RS232	ESC/P	Serial printer (slave)

Functionality

Recipes	Yes
Alarms	Yes
Password	Yes (10 Password levels)
Backup Battery	Replaceable 3V CR2032
Hardware RTC	Yes, with battery back-up
Buzzer	Yes (Software programmable)
Buzzer Sound O/P	85dB at 10 cm
Timer Display Format	Sec, Min, Hr, Day, Min:Sec, Hr:Min, Day:Hr.

Ratings

Power Supply Voltage	18 - 30V DC
Power Consumption	4W max.

Functional Specifications:

Programming Method	Windows based software for HMI configuration.
Memory	User Memory : 2 GB (For data logging) System Memory : 16 MB

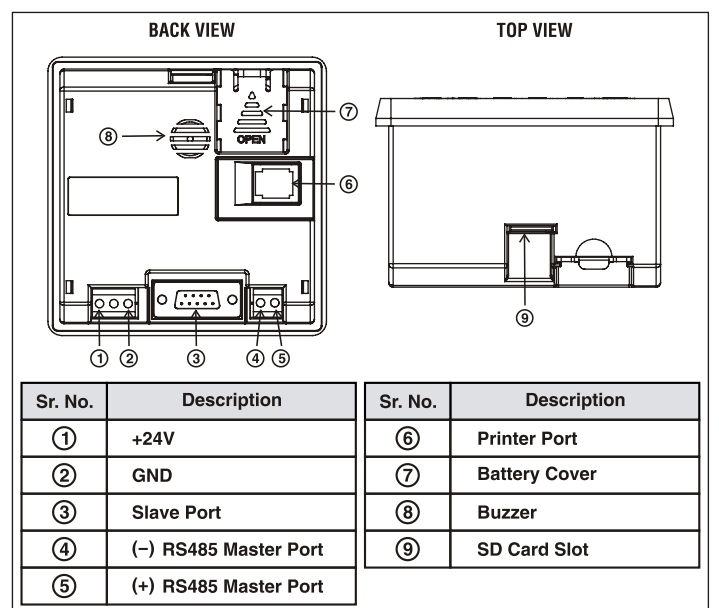
Environmental Conditions

Temperature	Operating : 0 to 50°C Storage : -30 to 85°C
Humidity	95% RH
Protection Class	IP65 front

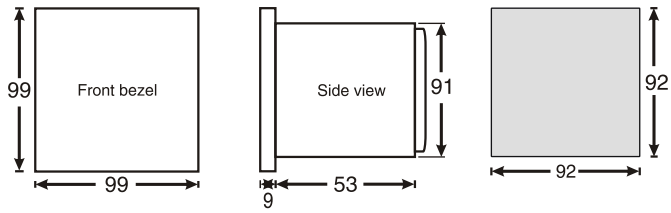
Mechanical Specifications

Dimensions (WxHxD) mm	99 x 99 x 62.85
Panel Cutout (WxH) mm	92 x 92
Mounting	Panel mounting
Weight	275 gms

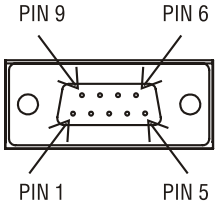
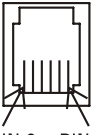
Terminal Connections



Dimensions (in mm)



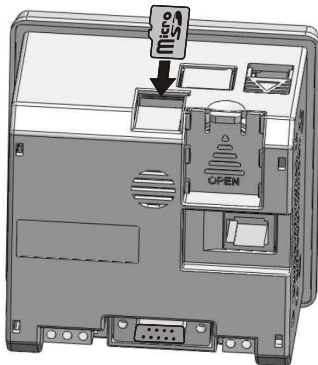
Port PIN Description

PORT	PIN	CONNECTION
 SLAVE PORT	1	—
	2	TXD
	3	RXD
	4	—
	5	GND
	6	—
	7	—
	8	—
	9	—
 PRINTER PORT	1	—
	2	GND
	3	TXD
	4	RXD
	5	GND
	6	—

Memory Installation

● Installation micro SD card

- › Push the micro SD Card into the slot until it clicks.
- › See Below figure for mounting direction.



● Removing micro SD Card

- › Push on the micro SD Card until it clicks and is released

Ordering Information

Product	Order Code
SP3-GT35	SP3-GT35

Accessories (To be ordered separately)

Accessories for communication

AC-USB-RS232-01 (For downloading from USB Port)

ACH-001 (For downloading from Serial port)

ACH-002 (For Printer Port)

Windows-Based Software for SMI

Power Supply Module

PS-CF-24V-1.1A