PM-3SA96 / PM-3SV96
## DIGITAL AMMETER / DIGITAL VOLTMETER

1. INTRODUCTION

PM-3SA96 is designed to measure the current of 3 phase and PM-3SV96 to measure 3 phase voltage.

2. OPERATION OF DEVICE

2.1 PM-3SA96; Wiring is connected as per the scheme-3. Enter the correct CT value for a smooth operation. 3 phase current values are displayed once the devces is energized.

### 2.1.1 Setting value of the CT ratio

Press "SET" button. The "CTR" on the upper display and the CT value on the lower display are displayed. Adjust the CT primer value in between "0005A-10000A" via the use of direction buttons and then "SET" button is pressed for saving. The measured CT value is displayed up to 9999A as maximum. "U000" is to be displayed when CT value "CTR" is 10000A.
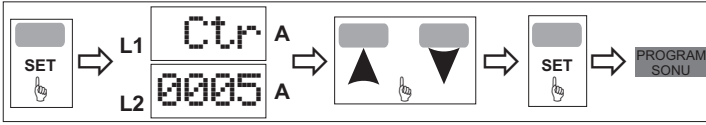
2.2 PM-3SV96; Wiring is connected as per scheme-4. The 3 phase voltage values are displayed once the device is energized. Selection is executed via the button of " ↻ " in order to display phase-neutral and phase-phase voltage values. Each time the button pressed "L-N/L-N/L-N"(Phase-Neutral) or "L12/L23/L31"(Phase-Phase) values are displayed instantly. The selected parameters are monitored on the screen.
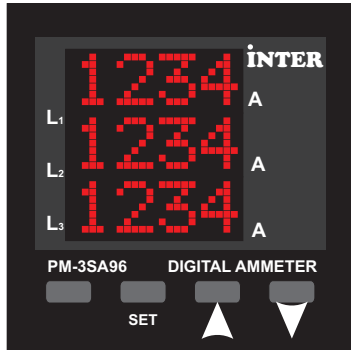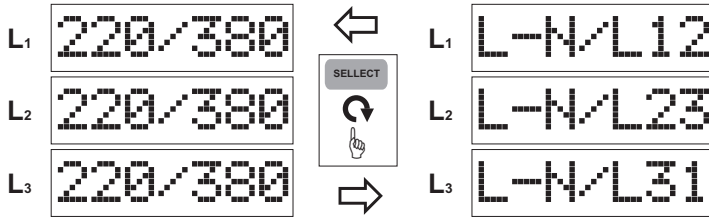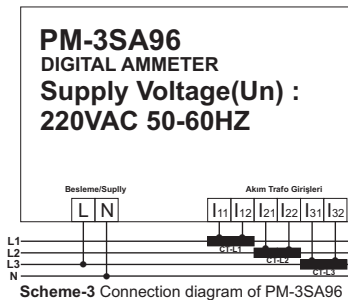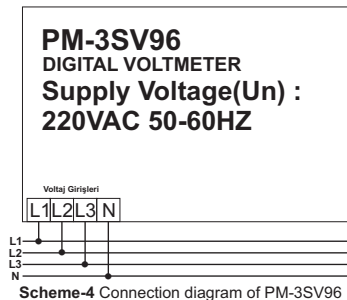

Scheme-1 Front Panel of PM-3SA96
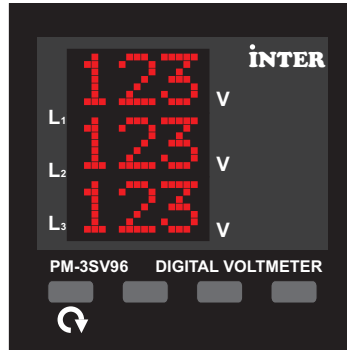
Scheme-2 Front Panel of PM-3SV96

3. CONNECTION DIAGRAMS

Scheme-3 Connection diagram of PM-3SA96
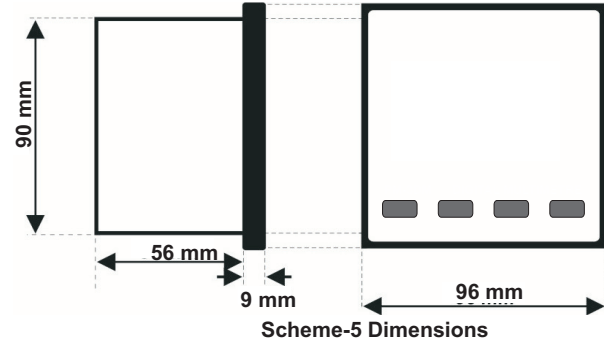
Scheme-4 Connection diagram of PM-3SV96

4. TECHNICAL SPECIFICATIONS

Operating Voltage (Un)	220VAC
Operating Range	(0,8 - 1,2) x Un
Operating Frequency	50/60Hz
Power Consumption	<3VA
Current Transformer Ratio	5/5A.....10000/5A
Current Inputs(PM-3SA96)	0,05A - 5,5A
Accuracy	$\pm$ %1
Display Type	7 Segment Led Gösterge
Operating Temerature	-25°C … +65°C
Mounting Type	Panoya Montaj
Dimensions	96x96x65
Protection Class	IP 20
Weight	**PM-3AS96** 400 gr.
	PM-3SV96 360 gr.

5. SAFETY & WARNING INSTRUCTIONS

· Turn off power during connection/wiring.
· Check correct mains voltage/wiring terminal.
· Installation shall only be performed by qualified personnel.
· Do not use any solvent or alike for cleaning.

6. MEKANİK BOYUTLAR

Scheme-5 Dimensions