ENERGY ANALYZER VK-M96-C
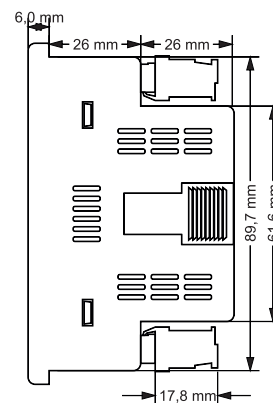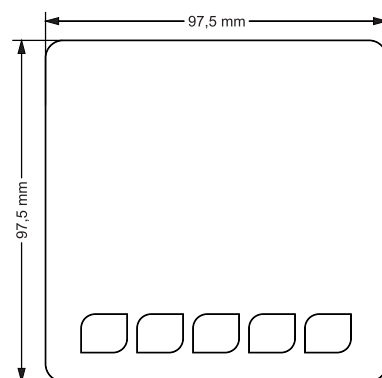
FEATURES

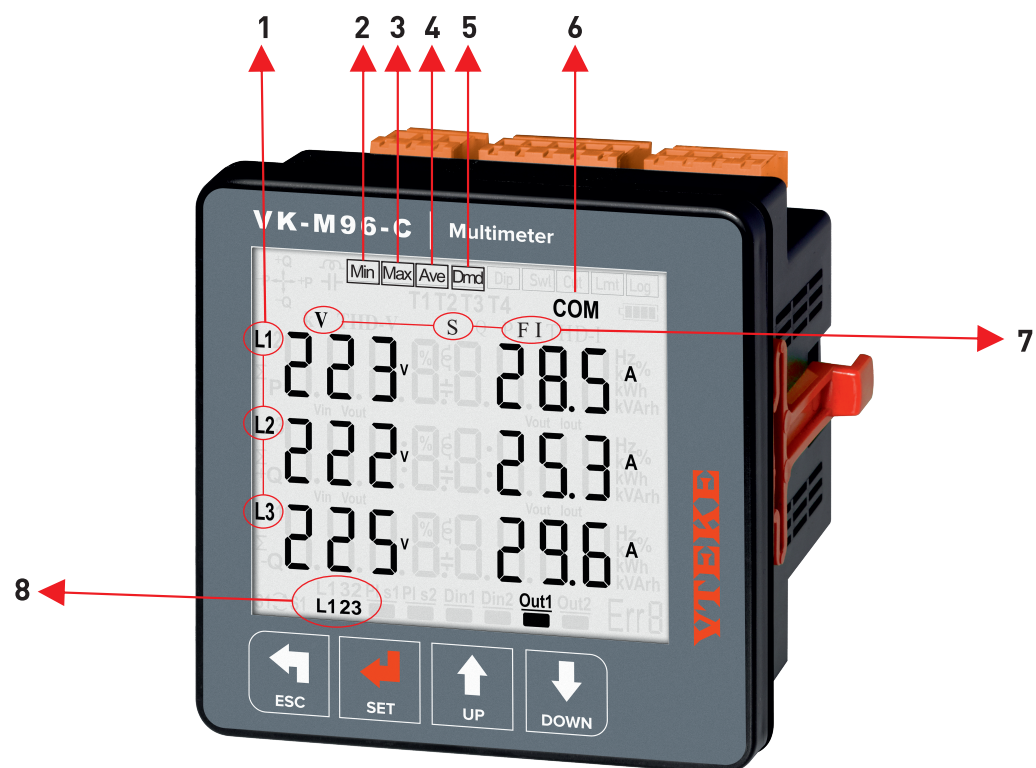| PARAMETER	VALUE
Active Power	P1, P2, P3
Q	S1, S2, S3
Voltage	phase-to-phase, phase-to-neutral (min, max & average values are saved)
Current	I1, I2, I3(min, max & demand are saved)
Frequency	F1, F2 ,F3 (min, max & average)
Energy	∑kWh (import & export)
Phase Sequence	Phase Sequence Alarm
Relay Output	adjustable
Irregularties	voltage and current İmplances
Screen	71.5 x 61.5 LCD SCRscreen
Communication	RS485 Modbus RTU
Memory	You can delete energy values, demands records and event logs.
Password	Menu is password protected

TECHNICAL SPECIFICATIONS

PARAMETER	VALUE
Operating Voltage	85V - 240 AC
Operating Frequency	50 / 60 Hz
Operating Power	<10VA
Operating Temperature	-20°C.....55°C
Input Voltage (L-N)	5V - 330VAC
Voltage Measuring Range	5V - 330kV
Input Current	50mA - 5,5A
Current Measuring Range	50mA – 10,000A
Voltage, Current, Accuracy	%±1
Supported Connection	3P4W
Current Transformer Ratio	1....2000
Voltage Transformer Ratio	1,0....999
Weight	<300Gr
Protection Class	IP41[Front Panel], IP20[Body]
Panel Hole Measurement	91mm x 91mm
Connection Type	Plug-in Terminal Connection
Cable Diameter	1.5mm²
Mounting	Assembly to panel front cover
Working Altitude	<2000 meter

97,5 mm — 97,5 mm

6,0 mm — 26 mm — 26 mm — 89,7 mm — 61,6 mm — 17,8 mm

1 - It shows phase number belong to measurement values

2 - Showing values are minimum of measurement values

3 - Showing values are maximum of measurement values

4 - Showing values are average of measurement values

5 - Showing values are demand of measurement values

6 - It shows Serial Communications

7 - It shows that type of measurement values

8- It shows phase sequence. "L123" means that phase sequence is correct."L132" means that phase sequence is incorrect.

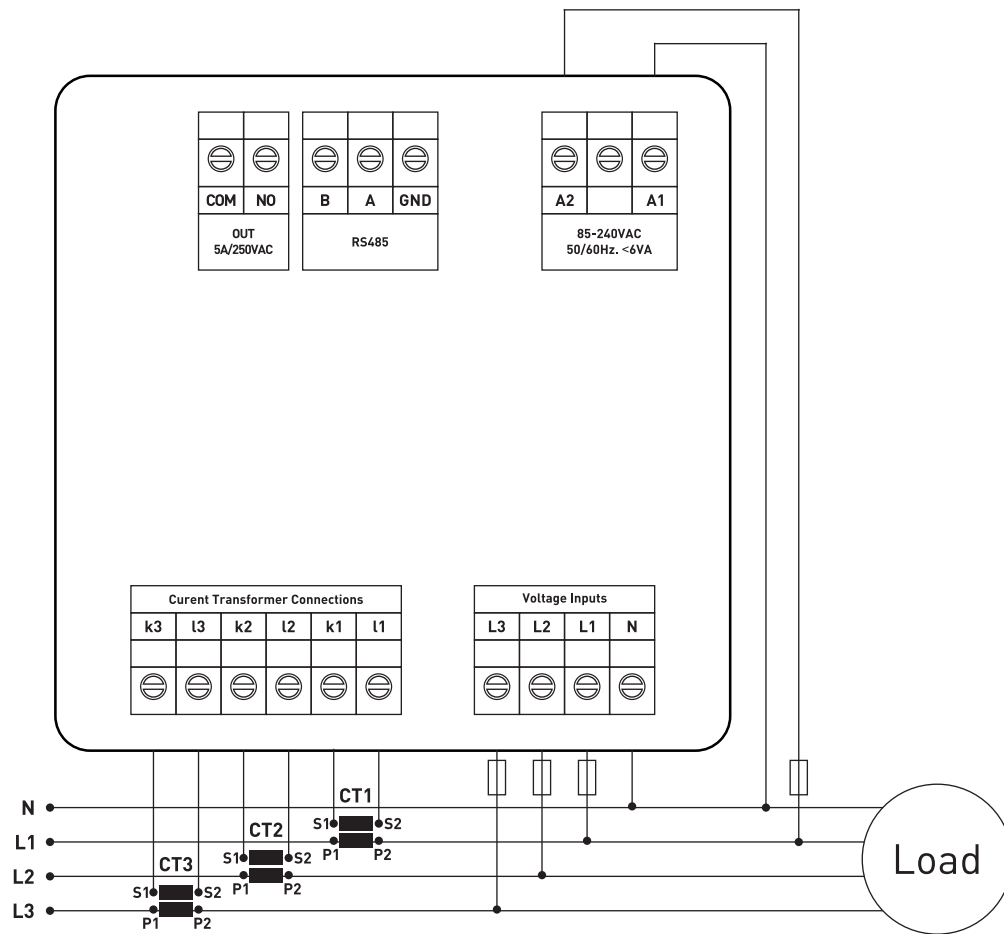**Figure-1:** 3P4W connection type: 3 phase current and 3 phase voltage and neutral.

Menu	Parameter Number	Parameter	Unit	Default Value	Minimum Value	Maximum Value
SEtUP	Pr.1	Current Transformer Ratio	-	1	1	2000
	Pr.2	Voltage Transformer Ratio	-	1	1	999
	Pr.3	C.T. Cable Turn Number	Round	1	1	20
	Pr.4	Demand Time	Minute	15	1	120
	Pr.5	Demand Delete	-	-	-	-
	Pr.6	Energy Delete	-	-	-	-
GEnErAL SEt						
	Pr.7	Password Change	-	0000	0000	9999
	Pr.8	Password Protection	-	Disable	Disable	Enable
rS 485	Pr.9	ModBus ID	-	1	1	247
	Pr.10	ModBus BaudRate	bps	9600	1200	38400
AbOUt	Pr.11	Serial Number	-	-	-	-
	Pr.12	Version	-	-	-	-