



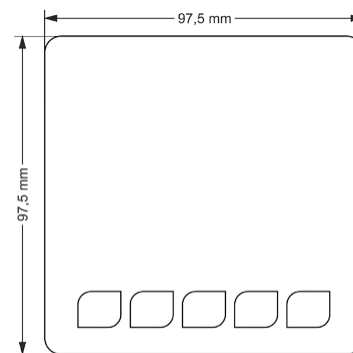
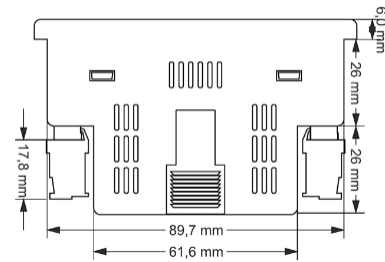
MULTIMETER WITH ENERGY (VK-M96-C)

FEATURES

- RS485 Modbus RTU [1200 – 38400bps]
- 71.5 x 61.5 Custom Design Glass LCD
- 3-phase voltage and 3-phase current transformer.
- It shows that V, V2, V3, V12, V23, V31, I1, I2, I3, P1, P2, P3, S1, S2, S3, F1, F2, F3, kWh, Σ kWh
- It shows the minimum, maximum and average values of V1, V2, V3, V12, V23, V31, F1, F2, F3
- It shows the maximum, average and demand values of I1, I2, I3, S1, S2, S3, P1, P2, P3
- Shows phase sequence
- You can delete the demands and active energy records
- Menu is password protected.

TECHNICAL DATA

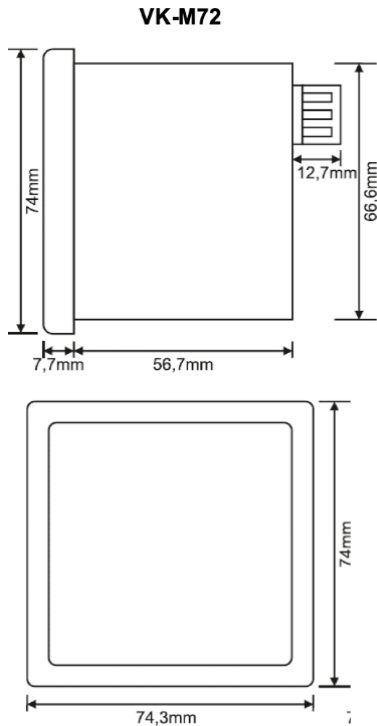
Operating Voltage	85V -240V AC
Operating Frequency	50 / 60 Hz
Operating Power	<10VA
Operating Temperature	-20°C 55°C
Voltage Input	5V - 300V AC
Voltage Measurement Range	5V - 300kV
Current Input	50mA - 5,5A
Current Measurement Range	50mA - 10.000A
Voltage, Current, Accuracy	% \pm 1
Supported Connection	3P4W
Current Transformer Ratio	1....2000
Voltage Transformer Ratio	1....999
Communication	RS485 MODBUS RTU
Display	71.5 x 61.5mm Glass LCD
Output	None
Weight	<300Gr.
Protection Class	IP40(Panel), IP00(Body)
Panel Hole Size	91mm x 91mm
Connection Type	Plug-in Connection
Cable Diameter	1.5mm ²
Installation	Front panel mounted
Operating Altitude	<2000m.



DIGITAL MULTIMETER

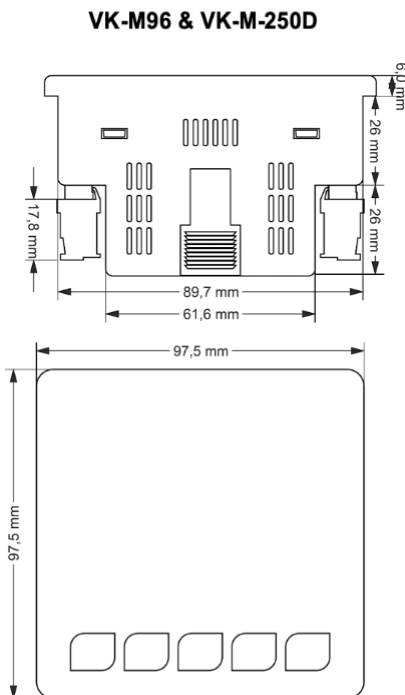


FEATURES



Measurements	3-P Voltage L-L 3-P Voltage L-N 3-P Ampere 3-P Frequency Phase Sequence Alarm
Phase Squence LED	Glows if phase sequence is reversed.
Accuracy:	±1% (at 10%-100% of the full scale)
Ambient temperature (operation):	-20 C ~ +55 C
Operating Altitude	< 2000 m
Ambient Humidity (operation):	15% - 95%
Display:	3 digit x 6 display & 9 LEDs
Weight:	0.32 kg
Insulation Class (Front Panel):	IP41
Depth :	44.7 mm (low depth)
Panel Hole Size	VK-M96: 91x91mm, VK-M72: 66.6x66.6mm

TECHNICAL DATA



Operating Voltage (Un):	150-270VAC
Operating Frequency:	45-65Hz
Operating Power:	<6 VA
Voltage Measuring Range (L-N):	1V-300V AC
Voltage Measuring Range (L-L):	1 – 500V AC
Current Transformer Range (.../5A):	5 – 10,000A
Measuring Current Range:	0.05-5.5A (VK-M-250D direct 2A-250A)
Wire Thickness:	2.5 mm ²

RANGE

VK-M72	Multimeter 72 x 72
VK-M96	Multimeter 96 x 96
VK-M-250D	Multimeter 96 x 96 (direct connection 250A)