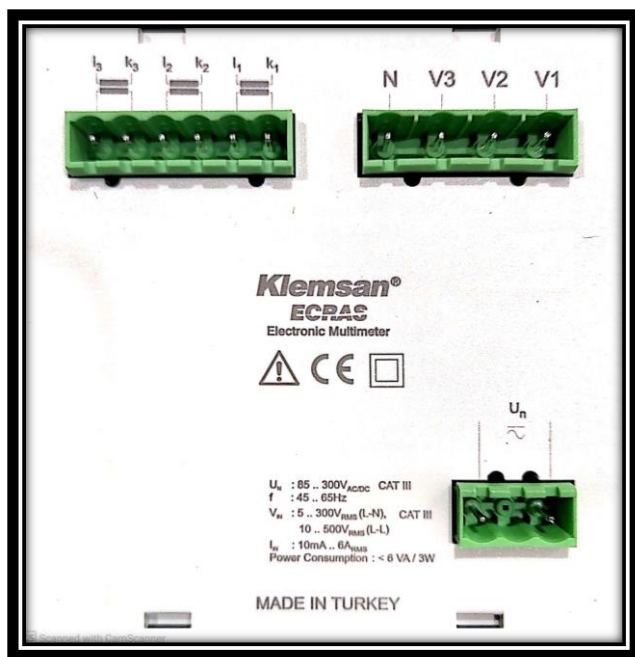


## KLEMSAN'S ECRAS-VCF

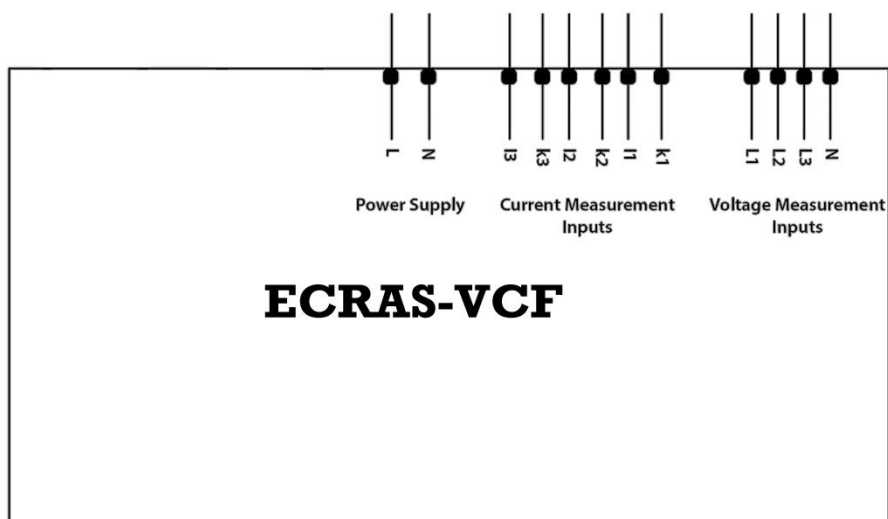
Front



Back



### Connections:

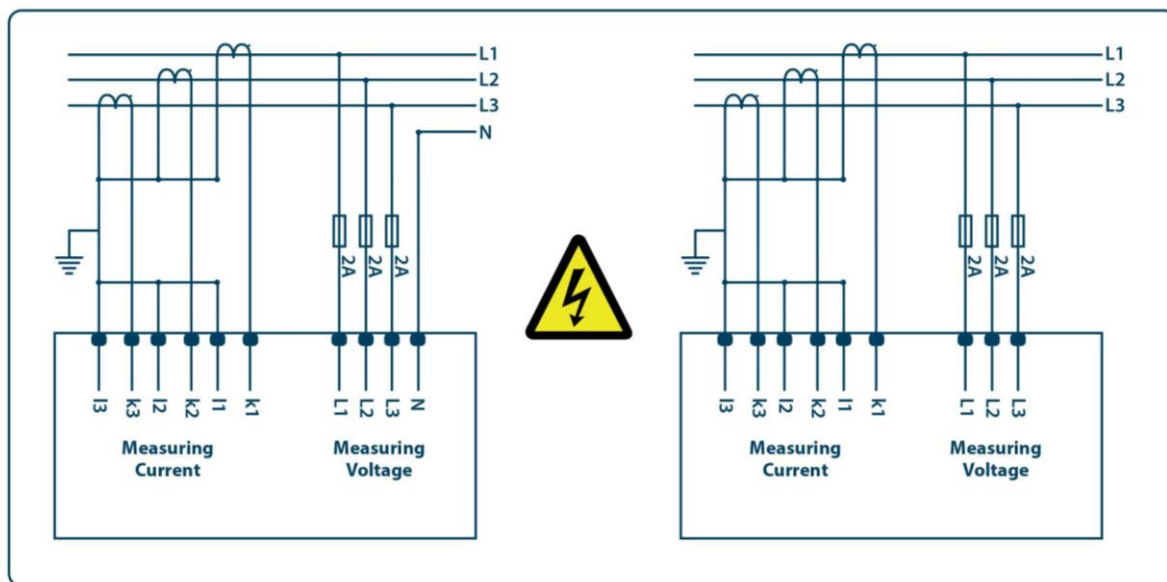


(Connection)

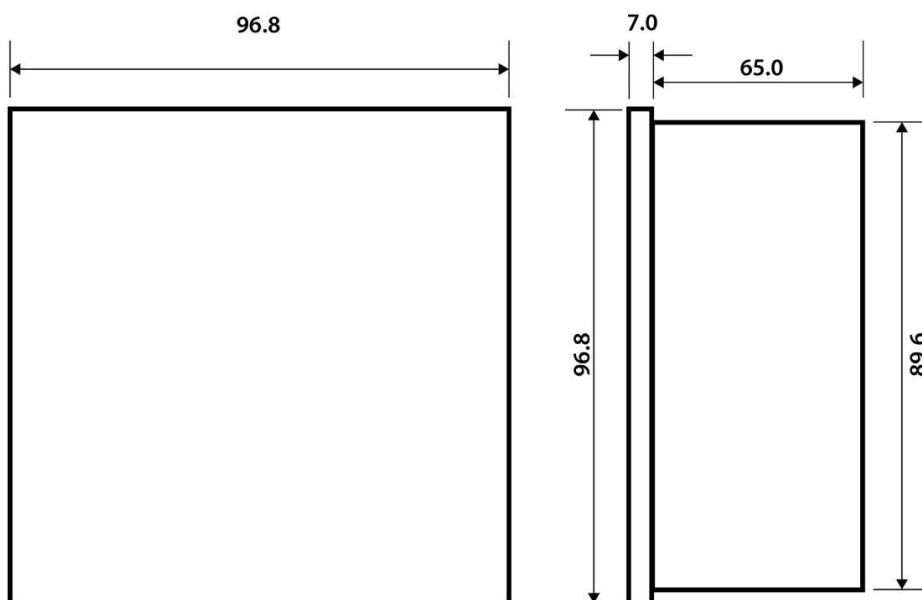
## Connection Diagrams:

Star Connection (with neutral)

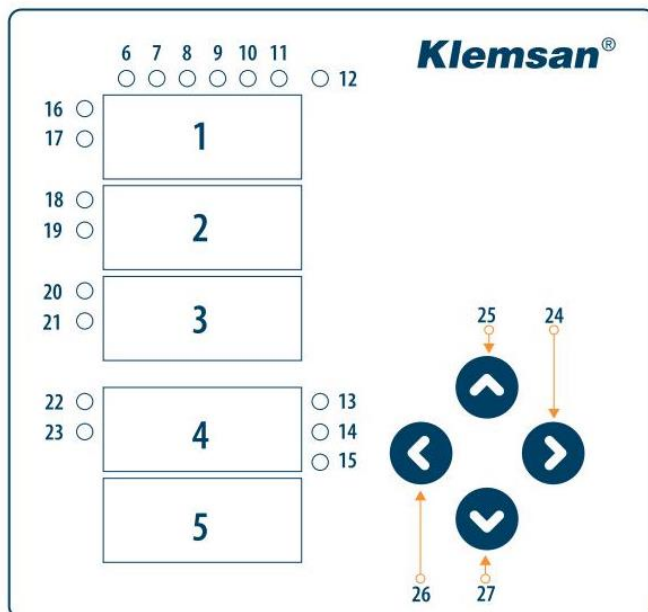
Delta Connection (no neutral)



## Dimensions (mm):



## Front Panel:



- |               |   |                                 |
|---------------|---|---------------------------------|
| 1, 2, 3, 4, 5 | → | Indicators (7 segment displays) |
| 6,7,8         | → | Phase on/off LEDs(V1,V2,V3)     |
| 9,10,11       | → | Current on/off LEDs.(I1,I2,I3)  |
| 12            | → | Sequence fault (SEQ)            |
| 13,14,15      | → | Voltage Indicators              |
| 16,18,20,22   | → | Kilo LEDs (k)                   |
| 17,19,21,23   | → | Mega LEDs (M)                   |
| 24            | → | Right arrow key                 |
| 25            | → | Up arrow key                    |
| 26            | → | Left arrow key                  |
| 27            | → | Down arrow key                  |



# E-LINKS PAKISTAN

## Important Notes:

- **Short circuit** the k-l terminals of the CTs in another location before disconnecting the CTs. Failing to do so will cause dangerous high voltages in the secondary terminals of the CTs.
- It is advisable to connect a **circuit breaker** or automatic **fuse** between the current input of the device and the main electricity source. (2 Amps)

## Who should use it?

- Users who do not need very detailed grid analysis.
- Users who do not need remote monitoring or data logging.
- Users who look for economic solution to monitor main electrical parameters, like **Voltage, Current and Frequency**.