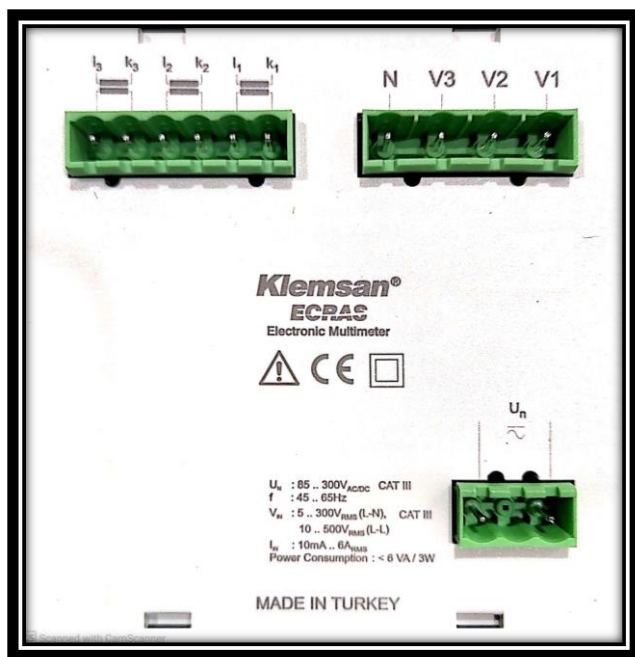


KLEMSAN'S ECRAS-VCF

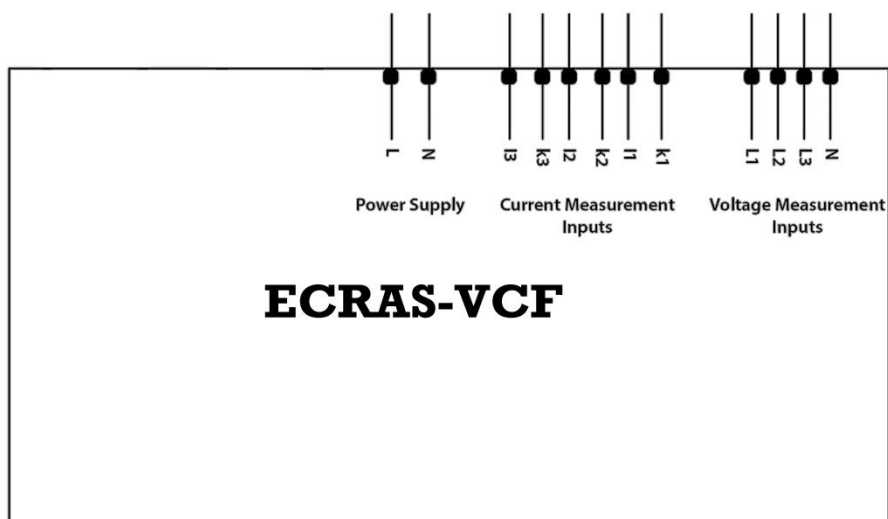
Front



Back



Connections:

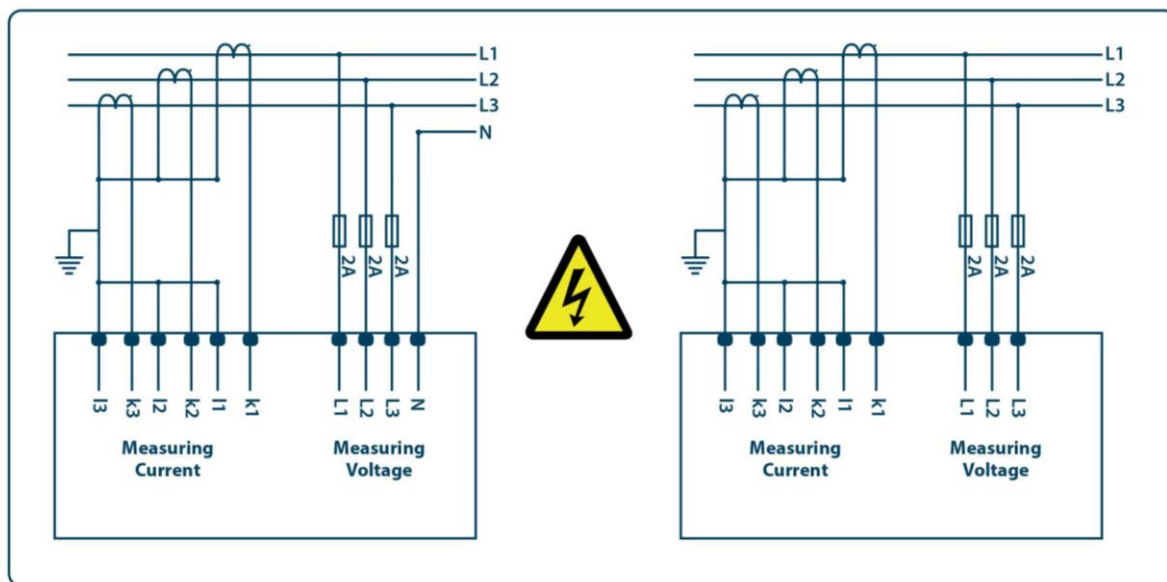


(Connection)

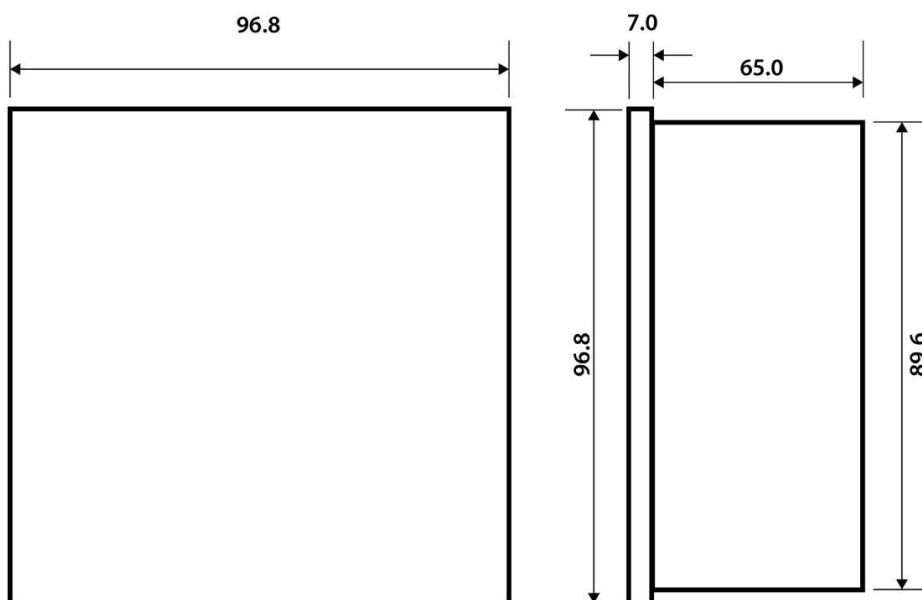
Connection Diagrams:

Star Connection (with neutral)

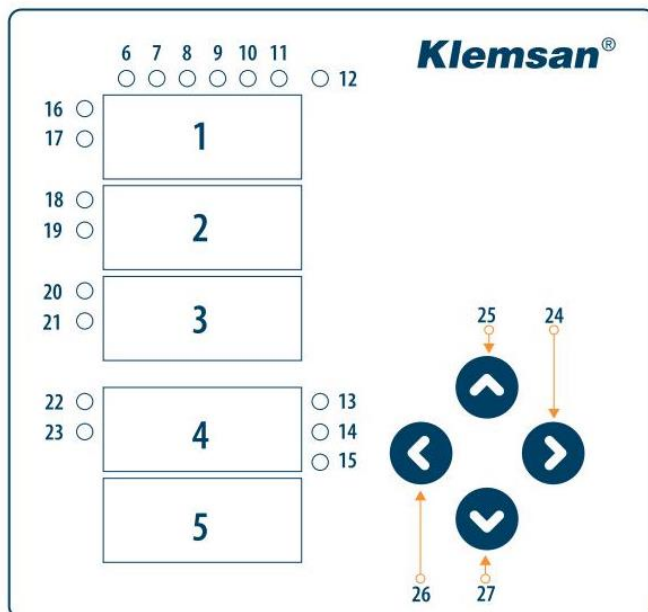
Delta Connection (no neutral)



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**.