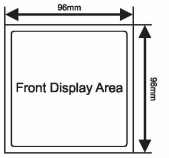
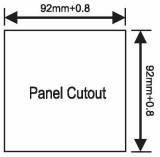
MULTIS L35 / L42

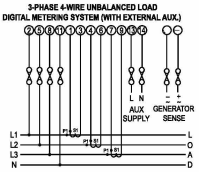
96 x 96 – Three Phase – Dual source and Single source Energy meter with port

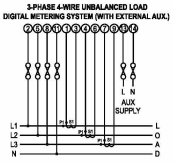
➲ Applications

Multis L35 is an LCD Digital panel meter, with Dual source Energy metering with a 96 x 96mm display and built in RS 485 port for Measurement of Utility Mains as well as DG Emergency source Power consumption, with programmable CT PT, encompassing all Energy and Power Parameters, across 4 quadrants. **Multis** L42 is only for Mains Utility source Energy measurements, with the other parameters via RS 485 port









➲ Functions

Multis L35 & L42 are new versatile range of Dual and Single source Energy Meters with Display of all Energy and Power parameters (only in L42, all the values except Energy are accessed via RS 485 port)

➲ Electrical Characteristics

Auxiliary power supply	
Voltage	60V – 300V AC/DC
Frequency	50 to 60 Hz
Consumption	6VA with RS 485 port

Operating conditions	
Operating Temperature	(-) 10 deg C to (+) 55 deg C
Storage Temperature	(-) 20 deg C to (+) 65 deg C

➲ Electrical Parameter

L35 Dual Source Meter
KWh, KVARh, KVAh
KW, KVAR, KVA
4 quadrant Import Export
PF
Demand : for Current, KVA and KW (including max demand values)
On Hrs, Run Hrs, Interuppts, RPM, Old Values
Current
Voltage
Neutral Current
THD V&I
Reversal of Phase
Reversal of Current
Phase Absence indication

* Only 3 parameters at a time in pre-definded screen.

L42 Single Source Meter
KWh, KVARh, KVAh
KW, KVAR, KVA
4 quadrant Import Export
PF
Demand : for Current, KVA and KW (including max demand values)
On Hrs, Run Hrs, Interuppts, RPM, Old Values
Current
Voltage
Neutral Current

Except "KWh" all above parameters are possible to see via RS 485

➲ Measurement

Current measurements	
System CT Secondary	1A & 5A
System CT Primary	From 1A upto 9999A
Accuracy	± 1.0%

Voltage measurements	
Nominal Input Voltage	P-N > 250V, P-P > 500V
System PT Secondary	110V L-L / 230V L-L / 415V L-L
System PT Primary	110V L-L / 230V L-L / 415V L-L
Max. Continuous Input Voltage	+ 20% of Rated value
Accuracy	± 1.0%

Frequency measurement	
Energy Accuracy	Active
Reactive energy	± 1.0%