

MULTIS Lm46



96 x 96 - Three Phase - All Electrical Parameters

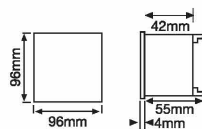
Application

MULTIS Lm46 is a digital three phase multifunction meter for measuring electrical value like voltage, current, energy with on site programmable functions of CT / PT, RS485 modbus Communication.

Function

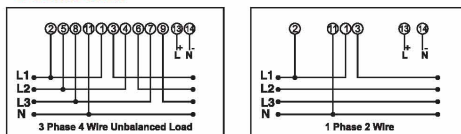
The Socomec Multis m range, 96 x 96 mm ensures an accurate measurement of all electrical parameters I, V and Hz, P, Q, S, E.

Dimensions



Type	Panel Mounting
Dimensions W x H x D	96 x 96 x 46 mm
Front IP	IP 50
Rear	IP 20
Weight	0.32 kg

Connection



Electrical characteristics

Auxiliary supply

Voltage	40V - 300 V AC - DC ($\pm 5\%$)
Frequency	45 to 65 Hz
Consumption	<4 VA Approx

Operating temperature / conditions

Operating Temp.	0 to + 50 °C
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Measurements

Current measurements

System CT Secondary	1A & 5A
System CT Primary	From 1A upto 9999A
Max. Continuous Input Current	120% of rated value
Accuracy	$\pm 1.0\%$

Voltage measurements

Nominal Input Voltage	PN-290V , PP-500V
System PT Secondary	100V LL to 500V LL
System PT Primary	100V LL to 692K LL
Max. Continuous input Voltage	120% of rated value
Accuracy	$\pm 1.0\%$

Frequency measurement

Frequency Range	45...65 Hz
Accuracy	$\pm 0.5\%$

Energy accuracy

Active Energy	$\pm 1.0\%$
Reactive Energy	$\pm 1.0\%$

References

Auxiliary supply	Frequency	Reference
40 ... 300 VAC	45 - 65 Hz	192J9112



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