

## MULTIS Lm55 / Lm56



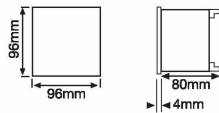
### Function

The Socomec **MULTIS** range is a three phase multifunction measurement device. It measures three phase voltages, current, power, frequency, PF, THD with max demand and Import / Export feature. In addition it also has Rs485 communication port

### Application

**MULTIS** Lm55 & Lm 56 are digital LV and HV three phase measurement device. They display the most important electrical values needed in an energy efficiency process.

### Dimensions



### Operating temperature / conditions

Mounting	Panel Mounting
Dimensions Lx W x H	96 x 96 x 80 mm
Front IP	IP 54
Rear	IP 20
Weight	0.620 kg

↳ **Electrical characteristics**

**Lm55**

Auxiliary supply	
Voltage	100V - 250V AC - DC (± 10%)
Frequency	45 to 66 Hz
Consumption	<4 VA Approx

Operating temperature / conditions	
Operating Temp.	0 to +50° C

**Measurements**

Current measurements	
System CT Secondary	1A & 5A
System CT Primary	From 1A upto 9999A
Max. Continuous Input Current	120% of rated value
Accuracy	± 0.5%

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	± 0.5%

Frequency measurement	
Frequency Range	40...70 Hz
Accuracy	± 0.2%

Measurement Accuracy	
Active Energy	± 1.0%
Reactive Energy	± 1.0%
Apparent Energy	± 1.0%
Active / Reactive / Apparent Power	± 0.5%
Total Harmonic Distortion	± 1.0%

**Lm56**

Auxiliary supply	
Voltage	100V - 250V AC - DC (± 10%)
Frequency	45 to 66 Hz
Consumption	<4 VA Approx

Operating temperature / conditions	
Operating Temp.	0 to +50° C

**Measurements**

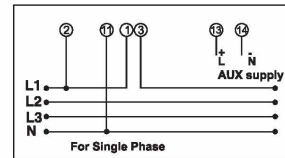
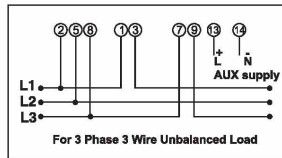
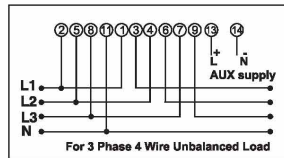
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↳ **Connection**



↳ **References**



Auxiliary supply	Frequency	Reference	MULTIS Lm55	MULTIS Lm56
40 ... 300 VAC	45 - 65 Hz	192J9200		192J9201