



Selection Guide

Single & Multi-Meters

MULTIS

Electrical measurement & energy management



Network - Current input	Multi-meter		Multi-meter
	MULTIS L20	MULTIS L30	MULTIS L40
Measurements			
I	•	•	•
U	•	•	•
F	•	•	•
V	•	•	•
P, Q, S, Ea, Cos φ		P; cos phi	•
AC network	LV or HV three phase + neutral	LV or HV three phase + neutral	LV or HV three phase + neutral
Measurement range (between phase and neutral)	0.05 ... 5.5 A 5/5 A ... 10000/5 A 1/1 A ... 2000/1 A 10 ... 300 VAC / 10 V ... 200 kVAC	0.05 ... 5.5 A 5/5 A ... 10000/5 A 1/1A...2000/1A 10 ... 300 VAC / 10 V ... 200 kVAC	0.05 ... 5.5 A 5/5 A ... 10000/5 A 1/1A...2000/1A 10 ... 300 VAC / 10 V ... 200 kVAC
Measurement range between phases	10...500 VAC	10...500 VAC	10...500 VAC
Accuracy	1 % ± 1 digit	1 % ± 1 digit	1 % ± 1 digit
MIN / MAX / AVG (VLN - VLL - A - W)	•	•	•
MAX Demand	•	•	•
Communication			
Type	-	MODBUS RTU via RS485	MODBUS RTU via RS485
Pulse output			
Number	-	-	2
Weight	-	-	1 Wh...1 MWh / 1 VArh...1 MVArh
Input			
Number	-	-	2
Auxiliary power supply			
Voltage	190 ... 260 VAC	190 ... 260 VAC	190 ... 260 VAC
Frequency	45 ... 65 Hz	45 ... 65 Hz	45 ... 65 Hz
Consumption	< 4 VA	< 4 VA	< 4 VA
Case			
Type	panel mounting	panel mounting	panel mounting
Dimensions (H x W x D)	96 x 96 x 82	96 x 96 x 82	96 x 96 x 82
Panel cut out dimensions (H x W)	91 x 91	91 x 91	91 x 91
Front protection rating	IP40	IP40	IP40
Operating conditions			
Operating temperature	- 5 ... +50°C	- 5 ... +50°C	- 5 ... +50°C

Compact Range for application where power quality and availability is a key issue

User friendly
Simple to use and to configure with only one scroll down menu.

Complete product line
Socomec offers a wide range of single and three phase Multi-Meter for HV-LV network.

Positive security
Password protected (L40).

Easy to read
- Values displayed by an Red LED technology.
- High efficient reading in dark environment or glazed doors.

Auto scaling
Automatic scaling in kilo and Mega.

* CT TCA15 included with this product.

Socomec design
- Innovative design in the same line as the DIRIS A range.
- It give a high quality impact on the panels.

Versatile range
- 1 A - 5 A secondary current.
- HV-LV network.
- 72 x 72 - 96 x 96 frame.
- 50 Hz-60 Hz frequency.