



MULTIS *L20 / L30 / L40*

Multi-measurement devices



The benefits of **MULTIS L20/L30/L40**

Metering, monitoring & power quality

The Socomec MULTIS range insures the measurement of all your electrical parameters, V, A, Hz, P, Q, S, COS φ ... For single and three-phase networks.



Conformity to standards

- EN 62053-21
- EN 61010-1

Also available



DIRIS A

A complete range of solutions for efficient management of your electrical networks.



Cost-effective

- MULTIS L range is the most economical multi-measurement solution.



User-friendly & robust

- LED display.
- Easy to install.
- Easy to use thanks to direct access keys and data centralisation.

SOCOME C, your best asset

European manufacturing group

- Created in 1922.
- A workforce of almost 3000.
- Located on all five continents.

A culture of independence

- Family shareholding.
- Control of the decision-making process.
- Respect of human values.

The spirit of innovation

- Almost 10% of turnover is invested in R&D.

A flexible manufacturing structure

- Competitive production sites.
- Lean Management.
- Lead times, quality and cost guaranteed.

The vision of a specialist

- Expertise in core technologies.
- Product adaptations as per customer requirements.

A focus on service

- Advice, technical assistance and call-out, training.
- Teams located across the globe.

ENERGY
SPECIALIST
SINCE 1922



Selection guide

Brief overview

	MULTIS L20	MULTIS L30	MULTIS L40
Multi-measurement	•	•	•
RS485 MODBUS		•	•
2 In/2 Out			•
Reference	192J 9100	192J 9105	192J 9110



MEASUREMENTS			
I	•	•	•
U	•	•	•
F	•	•	•
V	•	•	•
P, Q, S, Ea, Cos φ		• (P; Cos φ)	•
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 1/1 A ... 2000/1 A 10 ... 300 VAC/ 10 V ... 200 kVAC	0.05 ... 5.5 A 5/5 A ... 10000/5 A 1/1 A ... 2000/1 A 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 mm	96 x 96 x 82 mm	96 x 96 x 82 mm
Panel cut out dimensions (H x W)	91 x 91 mm	91 x 91 mm	91 x 91 mm
Front protection rating	IP40	IP40	IP40
OPERATING CONDITIONS			
Operating temperature	-5 ... +50 °C	-5 ... +50 °C	-5 ... +50 °C

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