

Multi-Channel Communicating Loggers with Flexible Sensors



Current Loggers
Simple Logger® II

ML 914, the logger with flexible sensors for use anywhere!



AL 834, the IP65 logger that you can even use in the rain!

600 V CAT IV

1000 V CAT III

- 4 current sensors for TRMS measurements up to 3000 A_{AC}
- Safe, risk-free access to the measurements via Bluetooth™
- DataView® processing software for effective analysis of the results



The ML 914 and AL 834 Simple Logger® II models are 4-channel TRMS AC current loggers.

The AL 834 offers two measurement ranges, up to 300 A and 3,000 A, whereas the ML 914 has two ranges, up to 100 A and 1,000 A. Four flexible current sensors are used for the measurements.

The data storage modes to be selected and the acquisition intervals for the measurements can be programmed by users with the DataView® application software delivered with the product. Up to 1,000,000 measurements can be stored in the internal non-volatile memory of the Simple Logger® II. In this way, the data are kept even if the battery is low or has been removed.

According to the terms of the IEC 60529 standard, the casing of the Simple Logger® II AL834 models and MiniFLEX current sensors offer IP 65 ingress protection.

Both models are powered by four type-C alkaline batteries. They offer the ML 914 and AL 834 sufficient power to operate for at least 6 months with a programmable acquisition rate of 8 measurements per second.

Distance is no longer a problem because the Simple Logger® II models communicate via the DataView® software using Bluetooth™ wireless technology.



Model	AL834		ML914	
Electrical Specifications				
Number of channels	4			
Type of sensor	Built-in 61 cm AmpFLEX® sensors		Built-in 6-inch MiniFLEX® sensors	
Range	300 A _{AC}	3,000 A _{AC}	100 A _{AC}	1,000 A _{AC}
Accuracy (50 / 60 Hz)	0 to 5 A: not specified 5 to 300 A: ± (1% R + 0.5 A)	0 to 15 A: not specified 15 to 3,000 A: ± (1% R + 1 A)	0 to 1 A: not specified 1 to 100 A: ± (1% R + 0.5 A)	0 to 5 A: not specified 5 to 1,000 A: ± (1% R + 1 A)
Resolution	0.1 A _{AC}	0.5 A _{AC}	0.1 A _{AC}	
Sampling rate	64 samples / period			
Acquisition interval	Programmable from 125 ms to 1 day			
Storage mode	Start/Stop, FIFO, XRM™ extended mode and on alarm			
Recording duration	15 minutes to 8 weeks, programmable using DataView®			
Memory	1,000,000 measurements (2 MB)			
Communication	BlueTooth (Class 2)			
Power supply	4 type-C 1.5 V alkaline batteries			
Battery life	Up to 180 days			
Safety	IEC 61010 600 V CAT IV and 1,000 V CAT III			
Mechanical Specifications				
Dimensions	150 x 150 x 91 mm without sensors			
Max. elec. conductor size	203 mm		45 mm	
Weight	1.77 kg		1.1 kg	
Casing	IP65 according to IEC 60529 (AL834 model)		IP50	

State at Delivery

One ML 914 or AL 834 logger delivered with the DataView® software, 4 type-C alkaline batteries, 1 multilingual operating manual on CD-Rom and 1 safety datasheet.

References to Order

- Simple Logger® II ML 914 **P01 1571 35**
- Simple Logger® II AL 834 **P01 1571 40**

Accessories

- DataVIEW® software **P01 1020 95**
- Bag **P01 2980 78**

For information and ordering

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