

DATA LOGGERS

THREE- AND FOUR- CHANNEL AC CURRENT

MODELS DL913 & DL914

*Waterproof three and four channel
AC current data loggers with flexible sensors*

SPECIFICATIONS

| MODELS | DL913 / DL914 | | | | |
|-------------------------------|--|-------------------------------------|--------------------------------------|-------------------------------------|---------------------------------------|
| ELECTRICAL | | | | | |
| Channels | 3 (DL913) / 4 (DL914) | | | | |
| Inputs | MiniFlex® | | | | |
| Measurement Ranges | 300 AAC / 3000 AAC | | | | |
| | 300 A range | | 3000 A range | | |
| Accuracy ((50/60) Hz) | (0.50 to 99.99) A ± (1 %r + 10 D) | (90.0 to 360.0) A ± (1 %r + 4 D) | (4.00 to 99.99) A ± (1 %r + 10 D) | (90.0 to 999.9) A ± (1 %r + 5 D) | (0.900 to 3,600) kA ± (1 %r + 4 D) |
| Resolution | 0.01 A | 0.1 A | 0.01 A | 0.1 A | 1 A |
| Frequency | (45 to 65) Hz ± 0.1 Hz | | | | |
| Storage Rate | Normal recording mode: Once per second Extended recording mode: Four per aggregation period | | | | |
| Recording Length | Battery Power: 4 d with no missing samples <i>(normal recording mode)</i> 7 to 30 d depending on the selected aggregation period <i>(extended recording mode)</i> External Power: 365 d | | | | |
| Memory | Internal 8 GB | | | | |
| Communication | USB, Wi-Fi via router (Ethernet), or Wi-Fi Direct | | | | |
| Battery Charge Time | 10 h maximum (Wi-Fi off) | | | | |
| Power Supply | Internal: 4.2 A·h NiMH rechargeable battery pack External: USB connection | | | | |
| Battery Life | Normal recording mode: 4 d Extended recording mode: 7 to 30 d* <i>(*Depending on the selected aggregation period)</i> <i>Reference user manual for in-depth information on the battery life, aggregation period, storage interval, and recording modes.</i> | | | | |
| MECHANICAL | | | | | |
| Dimensions | (5.9 x 5.9 x 3.57) in (150 x 150 x 91) mm w/o sensors | | | | |
| Weight (with battery) | DL913: 2.2 lbs (1 kg) / DL914: 2.42 lbs (1.1 kg) | | | | |
| Sensor/Cable Length | 3 (DL913) or 4 (DL914) integral 24 in (610 mm) MiniFlex® probes with 6.5 ft (2 m) leads | | | | |
| Max. Conductor | 7.64 in (194 mm) | | | | |
| Case | UL94-VO Flame retardant | | | | |
| Vibration | IEC 68-2-6 (1.5 mm, (10 to 55) Hz) | | | | |
| Shock | IEC 68-2-27 (30 G) | | | | |
| Drop | IEC 68-2-32 (3.3 ft [1 m] in the most severe position without permanent mechanical damage or functional deterioration) | | | | |
| ENVIRONMENTAL | | | | | |
| Operating/Storage Temperature | (14 to 122) °F (-10 to 50) °C / (-40 to 158) °F (-40 to 70) °C | | | | |
| Relative Humidity | Operation: up to 85 % RH (non-condensing) Storage: up to 95 % RH | | | | |

Consult factory for NIST Calibration prices

| CATALOG NO. | DESCRIPTION |
|-------------|--|
| 2153.61 | Data Logger Model DL913 (3-channel, TRMS, MiniFlex® 300/3000 A, Wi-Fi, DataView® Software) |
| 2153.62 | Data Logger Model DL914 (4-channel, TRMS, MiniFlex® 300/3000 A, Wi-Fi, DataView® Software) |



FEATURES

- Simple-to-use, 3 (DL913) and 4 (DL914) channel AC current data loggers
- 4th channel for neutral current monitoring (Model DL914)
- Includes 3 (DL913) or 4 (DL914) integral 24-inch flexible current sensors
- Current measurements from 500 mA up to 3600 A
- LCD displays real-time measurements and parameters such as memory, power, and communication status
- Front panel navigation of configuration options and measurement screens
- Built-in web server for remote monitoring
- Extended recording mode for increased battery life
- Battery and/or USB powered options
- Frequency measurements
- Wi-Fi and USB communications
- Waterproof IP67 rated (USB cap on, cover closed)

APPLICATIONS

- Single/Split-phase and 3- or 4-phase load monitoring
- Neutral and ground current monitoring
- Intermittent problem detection
- Machine load monitoring / Load profiling
- Fault current detection

PRODUCT INCLUDES

Includes small classic tool bag, 10 ft USB Type A to Type B cable, (4) stainless steel mounting brackets, (4) stainless steel M4 machine screws, USB power adapter, quick start guide, and USB thumb drive with DataView® software and user manual.

