



Certificate of Compliance and Calibration

Schneider Electric certifies that the PowerLogic product listed below meets the published specifications and has been calibrated and tested using equipment and standards traceable to the National Institute of Standards and Technology (NIST) in the US or the National Research Council of Canada (NRC).

Model	Part #	Serial #	Calibration Date
ION8650	M8650A4C0H5E1B0A	MW-1601A082-02	11-Jan-2016
AUTOMATED TESTING	<ul style="list-style-type: none">• Power supply levels tested and adjusted on variable power supply units• Communications verified• Unit ID and serial number programmed• Voltage and current inputs calibrated• Aux I/O calibrated and tested (if applicable)• Required software options programmed• Calibration constants saved to external file (if applicable)		
FINAL TESTING AND INSPECTION	<ul style="list-style-type: none">• Serial number verified• Firmware version verified• LCD/Keypad functionality checked (if applicable)• Memory checked• Calibration verified• Software options downloaded and verified (if applicable)• Applicable counters and registers cleared• Dielectric Withstand Test Passed		
TEST EQUIPMENT USED TO CALIBRATE METER (If Applicable)	Model	Serial #	Test Equipment Calibration Due Date
	Radian RD-33-213	300518	03-Mar-2016
<div><div> Alexander Stoettner Quality Manager</div><div> Jennifer Jacques Plant Manager</div></div>			

Quality System
Certified to ISO 9001

Certificate of Compliance and Verification

Model **ION8650**

Part # **M8650A4C0H5E1B0A**

Serial # **MW-1601A082-02**

The following data contains the energy test results verifying the accuracy of the above meter at the time this test was performed.

The meter has been factory tested in accordance with *Schneider Electric's* verification procedures on equipment that is traceable to either *N.I.S.T.* (US) or *N.R.C.* (Canadian) standards.

Accuracy Data

Step	acc	volt_a	volt_b	volt_c	pab	pac	amp_a	amp_b	amp_c	ph_a	ph_b	ph_c
1	100.017	120.00	120.00	120.00	120	240	0.010	0.010	0.010	0	120	240
2	99.994	120.00	120.00	120.00	120	240	0.020	0.020	0.020	0	120	240
3	99.998	120.00	120.00	120.00	120	240	0.250	0.250	0.250	0	120	240
4	100.035	120.00	120.00	120.00	120	240	0.250	0.250	0.250	60	180	300
5	99.998	120.00	120.00	120.00	120	240	1.000	1.000	1.000	0	120	240
6	100.043	120.00	120.00	120.00	120	240	1.000	1.000	1.000	60	180	300
7	100.000	120.00	120.00	120.00	120	240	2.500	2.500	2.500	0	120	240
8	100.040	120.00	120.00	120.00	120	240	2.500	2.500	2.500	60	180	300
9	99.996	120.00	120.00	120.00	120	240	5.000	5.000	5.000	0	120	240
10	100.035	120.00	120.00	120.00	120	240	5.000	5.000	5.000	60	180	300
11	100.035	120.00	120.00	120.00	120	240	10.000	10.000	10.000	60	180	300
12	99.997	120.00	120.00	120.00	120	240	10.000	10.000	10.000	0	120	240
13	100.034	120.00	120.00	120.00	120	240	15.000	15.000	15.000	60	180	300
14	100.030	120.00	120.00	120.00	120	240	20.000	20.000	20.000	60	180	300

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