

# Manual Supplement

Manual Title: 87V MAX Users  
Print Date: October 2019  
Revision/Date:

Supplement Issue: 1  
Issue Date: 1/20  
Page Count: 3

---

---

This supplement contains information necessary to ensure the accuracy of the above manual. This manual is distributed as an electronic manual on the Fluke website.

## Change #1, 652

On page 43, replace the *AC Current* table with the following:

### *AC Current*

Function	Range	Resolution	Burden Voltage	Accuracy <sup>[1]</sup> (45 Hz – 2 kHz)
<b>μA ac</b>	600.0 μA	0.1 μA	100 μV/μA	±(1.0 % + 2)
	6000 μA	1 μA	100 μV/μA	
<b>mA ac</b>	60.00 mA	0.01 mA	1.8 mV/mA	
	400.0 mA <sup>[2]</sup>	0.1 mA	1.8 mV/mA	
<b>A ac</b>	6.000 A	0.001 A	0.03 V/A	
	10.00 A <sup>[3,4]</sup>	0.01 A	0.03 V/A	

[1] AC conversion are ac coupled and calibrated to the rms value of a sine wave input.  
 [2] 400 mA continuous. 600 mA for 18 hr maximum.  
 [5]  $\Delta$  10 A continuous up to 35 °C. <20 minutes on, 5 minutes off at 35 °C to 55 °C. >10 A to 20 A for 30 seconds maximum, 5 minutes off.  
 [6] >10 A accuracy unspecified.

On page 44, replace the *DC Current* table with the following:

### **DC Current**

Function	Range	Resolution	Burden Voltage	Accuracy
<b>μA dc</b>	600.0 μA	0.1 μA	100 μV/μA	±(0.2 % + 4)
	6000 μA	1 μA	100 μV/μA	±(0.2 % + 2)
<b>mA dc</b>	60.00 mA	0.01 mA	1.8 mV/mA	±(0.2 % + 4)
	400.0 mA <sup>[1]</sup>	0.1 mA	1.8 mV/mA	±(0.2 % + 2)
<b>A dc</b>	6.000 A	0.001 A	0.03 V/A	±(0.2 % + 4)
	10.00 A <sup>[2,3]</sup>	0.01 A	0.03 V/A	±(0.2 % + 2)

[1] 400 mA continuous. 600 mA for 18 hr maximum.

[2]  $\Delta$  10 A continuous up to 35 °C. <20 minutes on, 5 minutes off at 35 °C to 55 °C. >10 A to 20 A for 30 seconds maximum, 5 minutes off.

[3] >10 A accuracy unspecified.

On page 46, in the *Input Characteristics* table, change the *Full Scale Voltage*.

From:

Full Scale Voltage	
To 6 M $\Omega$	5 M $\Omega$ or 60 nS

To:

Full Scale Voltage	
To 6 M $\Omega$	50 M $\Omega$ or 60 nS