



DIGITAL MULTIMETER

MS8233A / MS8233B / MS8233C

MS8233A

VOLTAGE DC 600V
AC 600V

CURRENT DC 10A



EMC LVD



Specifications MS8233A MS8233B MS8233C

Specifications	Range	MS8233A	MS8233B	MS8233C
DC Voltage	200mV/2V/20V/200V/600V	±(0.5%+3)	±(0.5%+3)	±(0.5%+3)
AC Voltage	200V/600V	±(1.2%+10)	±(1.2%+10)	±(1.2%+10)
DC Current	200µA/2mA/20mA/200mA	±(1.0%+3)	±(1.0%+3)	±(1.0%+3)
	10A	±(3.0%+5)	±(3.0%+5)	±(3.0%+5)
Resistance	200Ω/2KΩ/20KΩ/200KΩ/2MΩ/20MΩ	±(0.8%+4)	±(0.8%+4)	±(0.8%+4)
Temperature	-20°C~1000°C / -4°F~1832°F			±(2%+2)

Features	MS8233A	MS8233B	MS8233C
Display	counts	2000	2000
NCV	Non-contact Voltage Detection	●	●
Diode	2.7V	●	●
Continuity Buzzer	<50Ω	●	●
Data Hold		●	●
Display Backlight		●	●
LBD	Low Battery Display	●	●

General	MS8233A	MS8233B	MS8233C
Power Supply	1x9V/6F22 Battery		
Product Size	140mm×67mm×30mm/5.5"×2.6"×1.2"		
Product Weight	192g/0.42lb		
Model Number	MS8233A	MS8233B	MS8233C
Order Ref. Number	MS8233AE08	MS8233BE08	MS8233CE08
	CAT II 600V	CAT III 600V	CAT II 600V
Safety Rating	CE(EMC+LVD)	CE(EMC+LVD)	CE(EMC+LVD)

● Feature Difference



MS8233B

VOLTAGE DC 600V
AC 600V

CURRENT DC 10A



MS8233C

VOLTAGE DC 600V
AC 600V

CURRENT DC 10A



EMC LVD



Specifications MS8233D MS8233E MS8233Z

Specifications	Range	MS8233D	MS8233E	MS8233Z
DC Voltage	200mV/2V/20V/200V/600V	±(0.5%+2)	±(0.5%+3)	
AC Voltage	200mV/2V/20V/200V	±(0.8%+2)		
	600V			±(0.5%+2)
	400mV/4V/40V/400V/600V			±(0.9%+3)
AC Voltage	2V/20V/200V	±(0.9%+3)	±(1.2%+10)	
	4V/40V/400V			±(1.0%+3)
	600V			±(0.8%+3)
DC Current	200µA/2mA/20mA/200mA	±(1.5%+3)	±(1.0%+3)	
	400µA/4mA/40mA/400mA			±(1.0%+3)
	10A	±(1.5%+3)	±(3.0%+5)	±(1.0%+3)
AC Current	200µA/2mA/20mA/200mA	±(1.5%+3)	±(1.5%+3)	
	400µA/4mA/40mA/400mA			±(1.2%+4)
	10A	±(1.5%+4)	±(3.0%+5)	±(1.2%+4)
Resistance	200Ω/2KΩ/20KΩ/200KΩ	±(0.8%+2)	±(0.8%+4)	
	400Ω/4KΩ/40KΩ/400KΩ			±(0.8%+2)
	2MΩ/20MΩ			±(1.0%+2)
	4MΩ/40MΩ			±(1.0%+2)
Capacitance	4nF/40nF/400nF/4µF/40µF/200µF			±(3.0%+3)
	0.1~10MHz			±(1.5%+5)
Frequency	0~20KHz		±(1.5%+5)	
Duty Cycle	1%~99%			●
Temperature	-20°C~1000°C		±(3.0%+3)	±(3.0%+3)
	0°F~50°F			±(5.0%+4)
	50°F~750°F			±(1.5%+3)
	750°F~1832°F			±(3.0%+3)
	-4°F~1832°F		±(3.0%+6)	

Features	MS8233D	MS8233E	MS8233Z
Display	counts	2000	2000
Autoranging	Auto & Manual	●	●
APO	Auto Power Off	●	●
NCV	Non-contact Voltage Detection	●	●
Diode	1.48V	2.7V	1.48V
Continuity Buzzer	<100Ω	<50Ω	<100Ω
Data Hold		●	●
MAX	Maximum Measurement	●	●
Display Backlight		●	●
LBD	Low Battery Display	●	●

General	MS8233D	MS8233E	MS8233Z
Power Supply	1x9V/6F22 Battery		
Product Size	140mm×67mm×30mm/5.5"×2.6"×1.2"		
Product Weight	192g/0.42lb		
Model Number	MS8233D	MS8233E	MS8233Z
Order Ref. Number	MS8233DC15L	MS8233DE08	MS8233ZC15L
	CAT III 600V	CAT III 600V	CAT III 600V
Safety Rating	CE(EMC+LVD)	CE(EMC+LVD)	CE(EMC+LVD)

● Feature Difference



MS8233D

VOLTAGE DC 600V
AC 600V

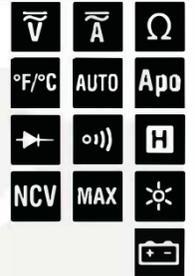
CURRENT DC 10A
AC 10A



MS8233E

VOLTAGE DC 600V
AC 600V

CURRENT DC 10A
AC 10A



MS8233Z

VOLTAGE DC 600V
AC 600V

CURRENT DC 10A
AC 10A

