



PEN-TYPE DIGITAL MULTIMETER MS8211 / MS8211D

MS8211

VOLTAGE DC 600V
AC 600V



MS8211D

VOLTAGE DC 600V
AC 600V

CURRENT DC 200mA
AC 200mA



Specifications		MS8211	MS8211D
Specifications	Range	Accuracy	
DC Voltage	200mV/2V/20V/200V/600V	±(0.7%+2)	±(0.7%+2)
AC Voltage	200mV/2V/20V/200V	±(0.8%+3)	±(0.8%+3)
	600V	±(1.0%+3)	±(1.0%+3)
DC Current	20mA/200mA		±(1.5%+3)
AC Current	20mA/200mA		±(2.0%+3)
Resistance	200Ω	±(1.0%+3)	±(1.0%+3)
	2KΩ/20KΩ/200KΩ/2MΩ	±(1.0%+1)	±(1.0%+1)
	20MΩ	±(1.0%+5)	±(1.0%+5)
Features			
Display	counts	2000	2000
Auto Ranging	Auto & Manual	●	●
APO	Auto Power Off	●	●
NCV	Non-Contact AC Voltage Detection: >50V AC	●	●
Logic Level Test	>3.5V: High Level; <3.5V: Low Level		●
Diode	2.7V	●	●
Continuity Buzzer	<50Ω	●	●
MAX	Maximum Value Hold	●	●
Data Hold		●	●
LBD	Low Battery Display	●	●
Retractable Tip	Retractable Tip for Safe Storage	●	●
General			
Power Supply	2×1.5 AAA Batteries		
Product Size	208mm×38mm×29mm/8.26"×1.5"×1.1"		
Product Weight	110g/0.24lb		
Order Ref. Number	MS8211C15L	MS8211DE08	
	CAT.II 600V	CAT.II 600V	
Safety Rating	CE(EMC+LVD)	ETL	ETL

● Feature Difference

PEN-TYPE DIGITAL MULTIMETER MS8212A / MS8223A



Specifications		MS8212A	MS8223A
Specifications	Range	Accuracy	
DC Voltage	200mV/2V/20V/200V/600V	±(0.7%+2)	±(0.7%+2)
AC Voltage	200mV/2V/20V/200V	±(0.8%+3)	±(0.8%+3)
	600V	±(1.0%+3)	±(1.0%+3)
DC Current	20mA/200mA	±(1.5%+3)	±(1.5%+3)
AC Current	20mA/200mA	±(2.0%+3)	±(2.0%+3)
Resistance	200Ω	±(1.0%+3)	±(1.0%+3)
	2KΩ/20KΩ/200KΩ/2MΩ	±(1.0%+1)	±(1.0%+1)
	20MΩ	±(1.0%+5)	±(1.0%+5)
Features			
Display	counts	2000	2000
Auto Ranging	Auto & Manual	●	●
APO	Auto Power Off	●	●
NCV	Non-Contact AC Voltage Detection: >50V AC	●	●
Logic Level Test	0~1.5V (Green LED on)	●	●
	1.5V~3.5V (Green & Red LED off)		
	3.5V~5V (Red LED on)		
Diode	1.5V	●	●
Continuity Buzzer	<50Ω	●	●
MAX	Maximum Value Hold	●	●
Data Hold		●	●
Work Light			●
LBD	Low Battery Display	●	●
Housing	Double Molding	●	●
General			
Power Supply	2×1.5 AAA Batteries		
Product Size	238×43×29mm / 9.37×1.7×1.1"		
Product Weight	112g/0.28lb		
	138g/0.3lb		
Model Number	MS8212A		MS8223A
Order Ref. Number	MS8212AE08	MS8212AC15L	MS8223AE08
	CAT.III 600V	CAT.III 600V	CAT.III 600V
Safety Rating	CE(EMC+LVD)		CE(EMC+LVD)
	ETL	ETL	

● Feature Difference

MS8212A

VOLTAGE DC 600V
AC 600V



MS8223A

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AC 600V

CURRENT DC 200mA
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