

CLAMP METER

DCL31DR

APPLICATIONS AND FEATURES

This instrument is an AC/DC clamp meter with RMS responses that allow you to measure the current range specified in IEC61010-1 CAT. III 300V. It is suitable for measuring the current of low-voltage power lines and electrical appliances.

- Compact pocket size
- TRUE RMS conversion
- Auto power off
- Data hold / Peak hold
- Backlight
- Zero setting

SPECIFICATIONS

	Measuring range	Best accuracy	Resolution
ACA	60/400A	$\pm(2.0\%+5)$	0.01A
DCA	60/400A	$\pm(2.0\%+5)$	0.01A
Operation method	$\Delta\Sigma$ method		
Display	6000 count		
Range selection	Auto		
Battery low warning	Battery() mark lights at approx. 2.3V or below		
Sampling rate	2 times / sec 1 time / sec with DC+AC function		
AC measuring method	True RMS		
Operating temperature / humidity	Temperature 5°C~40°C Relative humidity Max. 80%RH at 5°C~31°C Decreases linearly through 80%RH to 50% at 31°C~40°C No condensation		
Storage temperature / humidity	-10°C~40°C:Max 80%RH No condensation 40°C~50°C:Max 70%RH No condensation		
Continuous use time	Approx. 35 hours(Backlight extinguished)		
Power consumption	Approx. 25mA		
Safety standards	IEC61010-1, IEC61010-2-030 CAT.III 300V / II 600V, IEC61010-2-032		
Bandwidth	50~60Hz(ACA : 2.0%+5), 45~400Hz(ACA : 3.0%+10), 50~60Hz(ACA+DCA : 2.5%+10), 45~400Hz(ACA+DCA : 3.5%+15)		
Clamp diameter	25mm		
Battery	LR03 or AAA x 2		
Size / Mass	H145 x W54 x D31mm / 120g		
Standard accessories included	Carrying pouch(C-DCL10), Instruction manual		



A battery for monitoring has been installed prior to shipment from the factory. It may be discharged before the expiration of the described battery life. This battery is used to check the functions and performance of the product. Specifications and external appearance of the product described above may be revised for modification without prior notice.

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