COSINUS®
MESSTECHNIK GMBH

CLAMP METER

DCM660R

APPLICATIONS AND FEATURES

This instrument is an AC clamp meter/digital multimeter of the RMS value response type, designed for measurements in the range specified by IEC61010-2-032 CAT.III 600V. It is suitable for current and voltage measurements of low-voltage circuitry, electric equipment and power supply facilities.

- AC current measurable max. 660A & DMM function
- True RMS
- LCD with Back light
- Data hold
- Relative value
- Max/Min value hold
- Inrush current measurement
- Auto power save (15min after the last operation)(No cancelable)

SPECIFICATIONS

	Measuring range	Best accuracy	Resolution
ACA	66/660A	±(2%+5)	0.01A
DCV	600V	±(1.2%+5)	0.1V
ACV	600V	±(1%+2)	0.1V
Resistance	660Ω	±(1%+7)	0.1Ω
Frequency(A)	660/6.6k/30k	±(0.2%+1)	0.1Hz
Frequency(V)	660/6.6k/66k/100k	±(0.2%+1)	0.1Hz
Continuity	Buzzer sounds at less than 30Ω. Open voltage : approx. 1.2V		

Operation method	Double integration
AC measuring method	True RMS
Display	6600 count
Sampling rate	Approx. 3 times / sec
Range selection	Auto
Battery low warning	Battery(▭+) mark lights at approx. 2.3 or below
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 to 40°C, No condensation
Storage temperature / humidity	-10°C～50°C:Max 80%RH, No condensation
Continuous use time	Approx. 40 hours
Power consumption	Approx. 50mW TYP
Bandwidth	50～500Hz
Clamp diameter	30mm/10x50mm
Battery	LR03 x 2
Size / Mass	H208 x W69 x D38mm / 265g
Safety standards	IEC61010-1, CAT.III 600V , IEC61010-2-032, IEC61010-031
EMC directive	IEC61326-1
Standard accessories included	Test lead(TL-23a), Carrying case(C-DCM660), Instruction manual

CE

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.

Cosinus Messtechnik GmbH * Rotwandweg 4 * D-82024 Taufkirchen
Tel.: 089-665594-0 * Fax: 089-665594-30 * Web: www.cosinus.de * eMail: office@cosinus.de