

### MLA69 ANALOG AMMETER

#### MLA69 Analog Ammeter

- ✓ AC/DC Current meter
- ✓ Magnetolectric Ammeter
- ✓ Sturdy ABS housing
- ✓ Protected by a shock resistant soft moulded holster
- ✓ Length of the scale: 90mm
- ✓ Safety sockets 4mm
- ✓ Protection : Fuse 1A and 10A
- ✓ Operating frequency: 45-400Hz
- ✓ All ranges are selected by one rotary switch.
- ✓ **Range DC : 100 $\mu$ A.....to.....10A ;**
  - 100/300 $\mu$ A, 1/3/10/30/100/300mA, 1/3/10A
  - **accuracy: 1,5%**
- ✓ **Range AC : 10mA.....to.....10A ;**
  - 10/30/100/300mA, 1/3/10A
  - **accuracy: 2,0%**



### MLV69 ANALOG VOLTMETER

#### MLV69 Analog Voltmeter

- ✓ AC/DC Voltage meter
- ✓ Magnetolectric Voltmeter.
- ✓ Sturdy ABS housing,
- ✓ Protected by a shock resistant soft moulded holster
- ✓ Length of the scale: 90mm
- ✓ Safety sockets 4mm
- ✓ Internal resistance 20k $\Omega$ /V in DC - 6300 $\Omega$ /V in AC
- ✓ Protection : electronic all ranges
- ✓ **Range DC : 100mV.....to.....1000V ;**
  - 100mV, 1V, 3V, 10V, 30V, 100V, 300V, 1000V
  - **accuracy: 1,5%**
- ✓ **Range AC : 3V.....to.....1000V ;**
  - 3V, 10V, 30V, 100V, 300V, 1000V
  - **accuracy: 2,0%**



### MLG69 ANALOG GALVANOMETER

#### MLG69 Analog Galvanometer

- ✓ Magnetolectric Galvanometer.
- ✓ Sturdy ABS housing,
- ✓ Protected by a shock resistant soft moulded holster
- ✓ Length of the scale: 90mm
- ✓ Safety sockets 4mm
- ✓ Protection : fuse 200mA
- ✓ **Range DC : 30 $\mu$ A~3mA(2 Steps), DC 100mA (1 Steps for shunts)**
- ✓ **Accuracy : 1,5%**



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- ✓ **Dimensions 170x110x60 mm**
- ✓ **Weight 350g**



### MLW69T

- ✓ DC utilization, mono and three phase
- ✓ AC/DC Current: 5A

Functions	V range AC/DC	Power	Current	Reading coeff.	Internal resist.	Precision
Monophase DC	60V	300W	5A	2,5	60kΩ	1,0% for AC 2,5% for DC
	120V	600W	5A	5	120kΩ	
	180V	900W	5A	10	180kΩ	
	240V	1200W	5A	10	240kΩ	
	360V	1800W	5A	20	360kΩ	
	480V	2400W	5A	20	480kΩ	
Three phase	60V <sub>3</sub> V	900W	5A	10	120kΩ	2,0%
	120V <sub>3</sub> V	1800W	5A	20	240kΩ	
	180V <sub>3</sub> V	2700W	5A	30	360kΩ	
	240V <sub>3</sub> V	3600W	5A	40	480kΩ	

### MLW69M

- ✓ DC utilization, monophase
- ✓ AC/DC Current: 0,5 – 1A

Functions	V range AC/DC	Power	Current	Reading coeff.	Precision
Monophase DC	60V	30W	0,5A	0,25	1,0% for AC 2,5% for DC
	60V	60W	0,5A/1A	0,5	
	120V	120W	0,5A/1A	1	
	240V	240W	0,5A/1A	2	
	480V	480W	0,5A/1A	4	

## MLW69T MLW69M

ANALOG  
WATTMETERS/  
POWER METERS

Mechanical shock resistant thanks to its flexible molded resistant ABS body and the robust middle rotary switch to select the scale.

#### Specifications

- 90mm scale length with anti parallaxes mirror
- 4mm safety sockets
- Fuse protection
- Bandwidth: 45÷65Hz

#### Safety & other

- IEC 61010-1 CATIII 600V Pol 2 double insulation
- Strong ABS case.
- Dimension: 165x110x58 mm
- Weight: 670g

