



## ELECTRODYNAMIC POWER MULTIMETERS



### Serie "Classic"

For measuring in single-phase or balanced load three-phase networks. They are equally capable to measure the active power (effective value) in direct current networks and in 1- or 3-phase alternate current networks, and the re-active power in 3-phase networks. Also with essentially large phase-angle rates ( $\cos \varphi < 0.5$ ) the instrument generates correct measuring results.

### Technical data

**Movement:** the magnetic shielding of the electrodynamic movement with taut-band bearing allows the instrument to be used in inhomogeneous magnetic field.

**Scale:** Practically linear calibration.

**Scale length:** 120 mm.

**Class of accuracy:** 1, acc. to EN60051

**Position of application:** horizontal.

**Rated power factor:**  $\cos \varphi = 1$  (active),  $\sin \varphi = 1$  (reactive)

**Rated power:**  $U \cdot I \cdot \cos \varphi = U \cdot I \cdot 1$  (HEWabr)  
 $\sqrt{3} \cdot U \cdot I \cdot \cos \varphi = \sqrt{3} \cdot U \cdot I \cdot 1$  (HEWabr)  
 $\sqrt{3} \cdot U \cdot I \cdot \sin \varphi = \sqrt{3} \cdot U \cdot I \cdot 1$  (HEWabr)

**Frequency range:** 40...60...400 Hz

**Continuous overload:**  $1.2 \cdot U_N$   
 $1.2 \cdot I_N$

**Safety:** IEC 1010/ EN 61010-1 class 2, degree of pollution 2, CAT III 600V

**Weight:** approx. 1,4 kg.



TYPE	Cat. No.	Selectable current ranges AC/DC	ACTIVE		REACTIVE	Remark
			Selectable voltage ranges			
			DC/single-phase ~	Three-phase AC ≡		
HEWabr	203	1A	6-12-30-60-120- 240-360-480V	52-104-208-416V	6-12-30-60-120- 240-360-480V	Consum- ption of voltage circuit
	201	1-5A				
	205	5A				
	206	10A				

### Customers requirement:

Portable electrodynamic power multimeter.

-Range:

current 1-5 A

voltage 12-24-30-60-120-240-360-480V -AC/DC

52-104-208-416V Three-phase

### Ordering data:

-Type: HEWabr.

-Cat. No. 1963-03-201

On request other ranges are possible.

