



Serie "Classic"

The instruments serve to measure direct and / or alternating current or voltage.

Technical data

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

The material of the torsional wire is a special alloy of high strength ensuring that no permanent deformation occurs, even if the pointer is kept deflected for a long time. The wires are protected by dampers so that shocks, which are unavoidable during transportation, cannot do any damage to them.

Scale: Practically linear calibration.

Scale length: 120 mm.

Class of accuracy: 1 according to IEC-51

Rated power factor (cosφ): 0.2

Rated power: $U * I * \cos\phi = U * I * 0,2$ (not 1,0!)

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

Position of application: horizontal.

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

Weight: approx. 1,4 kg.



TYPE	Cat. No 1963-03...	Switchable current ranges	Switchable voltage ranges		Remark
		AC / DC	AC / DC	Three-phase AC	
HEWa	312	0.1-0.2A	15-30-75-150-300-450-600V		Current of voltage branch: 5 mA
	301	0.5-1A	15-30-75-150-300-450-600V		
	305	1A	15-30-75-150-300-450-600V		
	302	2.5-5A	15-30-75-150-300-450-600V		
	306	5A	15-30-75-150-300-450-600V		
	307	10A	15-30-75-150-300-450-600V		
HEWa-b	311	0.1-0.2A	15-30-60-120-240-360-480 V	52-104-208-416 V	
	303	0.5-1A	15-30-60-120-240-360-480 V	52-104-208-416 V	
	308	1A	15-30-60-120-240-360-480 V	52-104-208-416 V	
	304	2.5-5A	15-30-60-120-240-360-480 V	52-104-208-416 V	
	309	5A	15-30-60-120-240-360-480 V	52-104-208-416 V	
	310	10A	15-30-60-120-240-360-480 V	52-104-208-416 V	

Customers requirement:

-Portable electrodynamic power meter.

-Range: current 0.5-1A

Voltage: 15-480V AC/DC, 52-416V Three-phase.

cosφ=0,2

Ordering data:

-Type: HEWa.

-Cat. No. 1963-03-303

