



The instruments are suitable for measuring three-phase active power and three-phase reactive power.

Technical data

Movement: The instruments have a ferrodynamic movement with spring bearing. Due to the oil damping, the move of the pointer is free of vibration. **Two measuring systems!**

Scale: Linear calibration.

Scale length: 120 mm

Number of graduation marks: 100.

Class of accuracy: 1,5 according to IEC-51

Consumption: current circuit: max. 2.5

VA.(HFWc, HFWcm) and 4VA (HFWd, HFWdm)

voltage circuit: max. 5 mA.

Continuous overload: 1.2x rated current

1.2x rated voltage (at $\cos\varphi=1$).

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

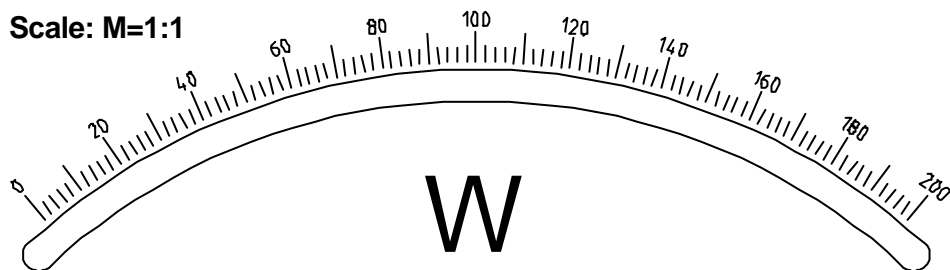
Test voltage: 3,3 kV_{eff}.

Position of application: horizontal.

Mass: approx. 2,4 kg.



TYPE	Cat. No. 1963-04-...	Class of acc.	Rated current	Rated voltage	Scale	Network	Remark
			Three-phase AC				
HFWc	102	1,5	1 A	120V	200W	Three phase unbalanced	Active power
	101		5 A	120V	1kW		
	103		10 A	120V	2kW		
HFWd	302		1 A	120V	200W	Three phase unbalanced, four wires	
	301		5A	120V	1kW		
	303		10 A	120V	2kW		
HFWcm	202		1A	120 V	200var	Three phase unbalanced	Reactive power
	201		5A	120V	1kvar		
	203		10A	120V	2kvar		
HFWdm	402	1A	120V	200var	Three phase unbalanced, four wires		
	401	5A	120V	1kvar			
	403	10A	120V	2kvar			



Customers requirement:

-Portable ferrodynamic power meter for active power, three-phase for three wire unbalanced circuits-

Type: HFWC

Measuring range: *rated current: 5 A*
rated voltage: 120 V

Ordering data:

-Portable ferrodynamic power meter.

-Type: **HFWc**

-Cat. No. **1963-04-101**