

## Features & Measurements

- ✓ AC and DC voltage measurement up to 1000 V
- ✓ Resistance and audible continuity
- ✓ Min / Max analysis
- ✓ True InRush overcurrent measurement
- ✓ Autorange, Automatic AC/DC detection
- ✓ AC & DC Voltage
- ✓ AC & DC Current
- ✓ Resistance & Diode function
- ✓ V & I THD
- ✓ RELative  $\Delta X$  / Differential  $\Delta X/X$  (%)
- ✓ Min/Max/Peak function
- ✓ Phase rotation
- ✓ Overcurrent measurement



## Specifications

Specifiactions	F205	F405
Clamping diameter	34 mm	48 mm
Display/ Resolution	Backlit LCD / 6,000 counts	Backlit LCD / 10,000 counts
Type of acquisition	TRMS[AC, AC+DC]/DC	
A AC	0.25 to 600 A (900 A peak)	0.25 to 1,000 A (1,500 A peak)
A DC	0.25 to 900 A	0.25 to 1500 A
Best accuracy	1 % L. + 3 cts	
V AC & V DC	0.15 to 1,000 V	
V AC+DC		
Best accuracy	1 % reading + 3 cts	
Hz	Current: 5,0 Hz to 3,000 Hz Voltage: 5,0 Hz to 20.00 kHz	Current: 5,0 Hz to 2,000 Hz Voltage: 5,0 Hz to 20.00 kHz
Ohm	0.1 $\Omega$ to 59.99 k $\Omega$	0.1 $\Omega$ to 99.99 k $\Omega$
Open-circuit voltage	$\leq 8$ V	
Measurement current	$\leq 680$ $\mu$ A	
Audible continuity	Yes	
Continuity threshold	adjustable from 1 to 599 $\Omega$	adjustable from 1 to 999 $\Omega$
Diode test / 1 phase and total 3phase power values	Yes /Yes	
Active power	1 W to 600 kW	1 W to 1,000 kW
Reactive power	1 var to 600 kvar	1 var to 1,000 kvar
Apparent power	1 VA to 600 kVA	1 VA to 1,000 kVA
FP	Yes	
Harmonic analysis / Phase rotation(2 wire method)	Yes / Yes	
THDf / THDr	Yes / Yes	
True InRush (Overcurrent measurement)	Motor inrush, Load Change, Hold,Min. / Max,Peak+ / Peak-, RELative $\Delta X$ / Differential $\Delta X/X$ (%)	
Electrical safety as per IEC 61010	600 V CAT IV	1000 V CAT IV & CAT III
Power supply	1 x 9 V LF22	4 x 1.5 V AA
Dimensions	78 x 222 x 42 mm	92 x 272 x 41 mm
Weight	340 g	600 g