

Sefram

MW3516BF

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our Website**
<http://www.sefram.fr>

Wattmeter clamps 600A - 600kW All measurements on power installation's with performing functions

Capabilities

- Current measurement until 600A (TRMS AC)
- Current measurement until 3000A AC with Flex (option)
- Current measurement TRMS AC+DC until 1000V
- Power measurement, PF, THD and harmonics of 1 to 25
- Frequency measurement
- Indication of phase rotation
- Current measurement start
- Resistance measurement, continuity and diode test
- Capacity measurement
- Lighting of measurement section at jaws opening
- Voltage detector without contact
- Memory 1000 data
- Data logger (9999 data)
- LCD with backlight
- Functions HOLD, SMART HOLD, Min, Max, Moy
- Bluetooth Interface and SEFRAM Connect application (Android and iOS)

 **Bluetooth**
SEFRAM Connect
(Android and iOS)



Specifications

		MW3516BF
Currents AC TRMS		
Bandwith	50Hz to 400Hz	
Range	100A, 600A	
Resolution	0,01A	
Accuracy	±(1,5% + 5dgt)	
Voltage AC TRMS and TRMS AC+DC		
Range	100V, 1000V	
Bandwith	50Hz to 400Hz	
Range	100V and 1000V	
Resolution	10mV to 100mV	
Accuracy TRMS AC	±(1% + 5dgt)	
Accuracy TRMS AC + DC	±(1,7% + 7dgt)	
Impedance	3,5MΩ // 100pF	
DC voltage		
Range	100V and 1000V	
Resolution	10mV to 100mV	
Accuracy	±(0,7% + 2dgt)	
Impedance	3,5MΩ // 100pF	
Resistance		
Range	1000Ω, 10kΩ, 100kΩ	
Resolution	0,1Ω à 10Ω	
Accuracy	±(1% + 5dgt)	
Continuity	with buzzer for R<300Ω and response time of 100ms	
Test diodes	yes	
Capacity		
Range	4μF to 4000μF	
Resolution	1nF to 1μF	
Accuracy	±(1,9% + 8dgt)	
Peak-Hold (current and voltage)		
Accuracy	±(3% + 15dgt)	
current of motor start (Inrush)		
Range	100A, 600A	
Accuracy	±(2,5% + 0,2A or 5dgt)	
Active power		
Range	10kW, 100kW and 600kW	
Resolution	1W to 100W	
Accuracy		
Power factor (PF)		
Range		-1.00 à 1.00
Resolution		0,01
Accuracy		±5dgt
Total harmonic distortion and distortion per harmonic		
Range		0,1% à 100%
Resolution		0,10%
Accuracy THD		±(3% + 10dgt)
Accuracy per harmonics from H01 to H12		±(5% + 10dgt)
Accuracy per harmonics from H13 to H25		±(10% + 10dgt)
Frequencies		
Range		20Hz to 10kHz
Resolution		0,01Hz
Accuracy		±(0,5% + 3dgt)
Sensitivity		10% to 100% of current and voltage scaling
Fonctions		Hold, MIN/MAX/MOY Peak-Hold, Automatic power-off Voltage detector without contact, Low pass filter (HFR)
Datalogger		9999 measurements
Memory		1000 data
Main specifications		
Digital display		Large backlight LCD screen
Display		10000 or 4000 dots
Jaws Opening		45mm
Diamètre max du conducteur		33mm
Measurement rate		3 measurement/s
Automatic power-off		after 15 minutes
Temperature		0°C to 50°C
Storage temperature		-20°C to 60°C
Protection		Electronic on all scaling
Safety		600V - CAT IV and 1000V - CAT III
Power supply		6 batteries 1,5V AAA
Power life		50h typical (battery, without backlight)
Dimensions		103 x 243 x 55mm
Weight		540g

Supplied with: bag, test leads with touch point, user's guide, batteries



FTMW3516BF A00 - Specifications can be updated without notice

Sefram

For assistance and ordering



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