

TECHNICAL SPECIFICATION

	EMU-25	EMU-100	EMU-300
Voltage supply	220V ± 10% 50 Hz 1000VA		
Current Output (3 ranges)	0.4 A - 4 A	1.6 A - 16 A	4 A - 48 A
	4 A - 15 A	16 A - 60 A	48 A - 180 A
	15 A - 25 A	60 A - 98 A	180 A - 300 A
Nominal power (3 ranges))	4 A - 81.5 V (325 VA)	16 A - 20.3 V (325 VA)	48 A - 6.8 V (325 VA)
	15 A - 18.3 V (275 VA)	60 A - 4.6 V (275 VA)	180 A - 1.5 V (275 VA)
	25 A - 9.0 V (225 VA)	98 A - 2.3 V (225 VA)	300 A - 0.75 V (225 VA)
	55% / 82% / 100% W MAX.	55% / 82% / 100% W MAX.	55% / 82% / 100% W MAX.
Distortion	<1%		
Accuracy	±1% of the reading		
Stabilizing time	<3 s.		
Connection/Disconnection time	(electronic) <1 ms.		
Measurement Output	0 - 2 V dc		
Accuracy	Minimum: ±2% of the reading		
Auxiliary contact output (by Triac)	220V / 50 mA		
Time measurement	Starts with current injection. Stops with output open.		
Resolution	0.25 s		
Accuracy	minimum: ±0.01% of the reading ±0.25 s		
External Frequency Input	f in=1024xf out: optocoupled 5V. f out: 45 - 65 Hz		
External Phase Input	(optocoupled 5V)		
Dimensions	Width: 482 mm/19" Height: 175 mm/7" Length: 370 mm/14"		
Weight	30 Kg/75 lb.		

CHARACTERISTICS

- Nominal power: 300VA.
- Can be connected in parallel.
- Input for external phase and/or frequency reference.
- Computer controled by serial port RS-485.
- Overload, overheating alarm leds.
- Rack mounting 19" (482 mm).
- Accuracy: ±1%.
- Distortion: <1%.

APPLICATIONS

- To test small circuit breakers.
- Calibration of shunts and measurement instruments.
- To test thermic relays which require a long duration.
- Overheating test.