

Sefram

A1287

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AC FLEXIBLE CURRENT CLAMP 30A / 300A / 3000A AC

A 1287 is a single phase flexible current sensor. It consists of one current coil utilizing Rogowski measuring principle. High measuring accuracy is assured via three measuring ranges 30 A, 300 A and 3000 A AC. Large sensor length will easily accommodate bus bars and power cables. A 1287 is powered either by mains or rechargeable batteries.



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Technical specifications

Ranges	30 A / 300 A / 3000 A AC RMS
Output signal	33.3 mV/A ; 3.33 mV/A ; 0.333 mV/A
Accuracy	± 1 %
Phase error	< 1° to 50 Hz ; < 10° to 1.5 kHz
External load	10k ohms min
Bandwidth	10 Hz – 8 kHz
Power supply	Rechargeable batteries. 12 V DC/300 mA input
Autonomy	> 200 h, after a complete charge of the batteries

General Specifications

Number of sensor	1
Sensor length (from sensor to case)	48 cm
∅ of sensor cable	14 mm
∅ Max of measured conductor	15 cm
Operating temperature	Sensor : - 20°C to + 85°C Case : - 20°C to + 70°C
Storage temperature	Sensor : - 20°C to + 85°C Case : - 20°C to + 70°C
Relative humidity (RH)	15 % to 85 %
Protection level (IP)	Sensor : IP 64 ; Boîtier : IP 40
CEI1010 / Safety	CAT III / 1000 V
Dimensions and weight	Case : 120 x 65 x 22 mm ; 220 g Sensor : ∅ = 15 cm ; 130 g
warranty	1 year

Supplied with : rechargeable batteries, mains adaptor, bananas adaptors



FT A1287 A00- Specifications can be updated without notice



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For assistance and ordering

