



## CIRE3/3 CP-100

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Code: M85030. (DESCATALOGADO)

> Analyzer

### Specifications

#### AC power supply

Installation category	CAT III 300 Vac (IEC 61010)
Consumption	9 VA
Frequency	50...60 Hz.
Nominal voltage	100...400 Vc.a.
Minimum current	0,01 x In

#### DC power supply

Nominal voltage	70...315 Vdc
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#### Environmental characteristics

Protection class	IP 53
Relative humidity (without condensation)	95%
Storage temperature	-10...+65 °C
Working temperature	10...+50 °C

#### Standards

Certifications	UL, VDE
Electrical safety, Maximum height (m)	2000
Standards	IEC 60664-1, IEC 61010-1, IEC 62053-21, UL94, VDE 0110, IEC 61000-3-2, IEC 61000-3-3, IEC 61000-6-4, EN 55011, EN 55022, IEC 61000-6-2, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-8, IEC 61000-6-1, IEC 61000-4-11, UNE-ENV 50141

#### Current measurement circuit

Phase current measuring range	(.../2V) 2,5...100% Full scale clamp
Measurement units	Automatic scale change
Transformation ratio	Transformer

#### Voltage measurement circuit

Sampling frequency	45...65 Hz
Voltage measuring range	10...400 Vac(Ph-N) ± 10% / 17...690 Vac(Ph-Ph) ± 10%

#### Mechanical characteristics

Weight (kg)	2,9
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#### Measurement accuracy

Phase current measurement	0.5% (see current clamp measurement error)
Active energy measurement (kWh)	1% (see current clamp measurement error)



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Phase voltage measurement

0,5%

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