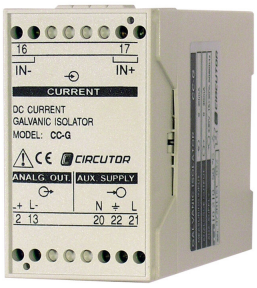


CC-WG Out2

CC-WG Out2, WG Transducer

Code: M25631. **DESCATALOGADO**

> Output type: 2
> Analog output: 4...20mA
> Measure: 0 ... 3 Aac

Description

The **CC-WG** set transforms an A.C. Current (between 0 and 3 A) into a process signal.

The analog output is directly proportional to the true RMS input signal.

CC-WG Out2

AC Current converter (residual current)

Code: M25631.

Specifications

AC power supply, insulation

Pulse test (kV)	4 kV (1,2/50µs)
Test voltage (kV)	3 kV RMS 50 Hz 1min

AC power supply

Consumption	2,5 VA
Frequency	40...90 Hz
Nominal voltage	115/230/400 Vca (-15...+20 %)

DC power supply, insulation

Pulse test (kV)	3 kV (1,2/50µs)
Test voltage (kV)	2 kV RMS 50Hz 1 min

DC power supply

Consumption	2,5 VA
Nominal voltage	9-18 / 18-36 Vdc 36-72 / 90-140 Vdc

Mechanical characteristics

Size (mm) width x height x depth	40 x 72 x 110 (mm)
Weight (kg)	0,31

Environmental characteristics

Protection class	IP 20 (Terminals) IP 40 (case)
Storage temperature	-40....+70 °C
Working temperature	-10...+60 °C

Current measurement circuit

Consumption	0,2 VA
Nominal current (In)	0-3A (primary WG)
Phase current measurement	0...150 % In
Allowable overload	300 % In permanent

Standards

Electrical safety, Maximum height (m)	2000
Standards	IEC 529, IEC 688, IEC 801, IEC 44-1, IEC 1010

Analogue inputs

Load impedance in current	< 500 Ω
Ripple (effective RMS value)	< 0,5 %

CC-WG Out2

AC Current converter (residual current)

Code: M25631.

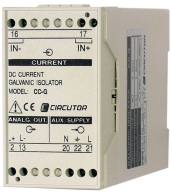
Load impedance in voltage	> 500 Ω
Response time	< 300 ms (0...99 % Vn)

Analogue outputs

Current mode, nominal range	0...10, 20 mAac
Displaced output	0,2...2 V / 2...10 V / 4...20 mA

Measurement accuracy

Phase current measurement	1 % Measurement



CC-WG Out2

AC Current converter (residual current)

Code: M25631.

Dimensions