CFE

CFE, Transducer Hz

Code: M25511. **DESCATALOGADO**

> Output type: 2
> Analog output: 4...20mA
> System: Network voltage: 50 ... 600 Vac
> Measure: 45 ..... 55 Hz

Description

The **CFE** and **CFE-AP** transducers, convert input frequency to D.C process indicator signal.

The analog output is directly proportional to the input frequency.

CFE

Narrow section AC frecuency transducer

Code: M25511.

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 Vca (-10...+10 %)

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	20 x 70 x 110 (mm)
Weight (kg)	0,062

Environmental characteristics

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

Voltage measurement circuit

Consumption	0,2 VA
Voltage measuring range	50...660 V
Maximum permanent measurement voltage	1000 V

Standards

Electrical safety, Maximum height (m)	2000
Standards	IEC 529, IEC 688, IEC 801, EN 50081-1, EN 50082-1, IEC 1010

Analogue inputs

Load impedance in current	< 500 Ω
Ripple (effective RMS value)	< 1 %
Load impedance in voltage	> 500 Ω

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Response time	< 300 ms (0...99 % Vn)

Analogue outputs

Displaced output	0,2...2 V / 2...10 V / 4...20 mA

Measurement accuracy

Phase current measurement	0,5 % FS

Specify ACCORDING TO THE CODE TABLE: 1. Code/ 2. Input range / 3. Output range / 4. Auxiliary power supply / 5. Specify the network voltage for CFE-AP. xxx-AP types external auxiliary supply not required. 4...20 mA output not possible.

For other values, see coding table on following pages

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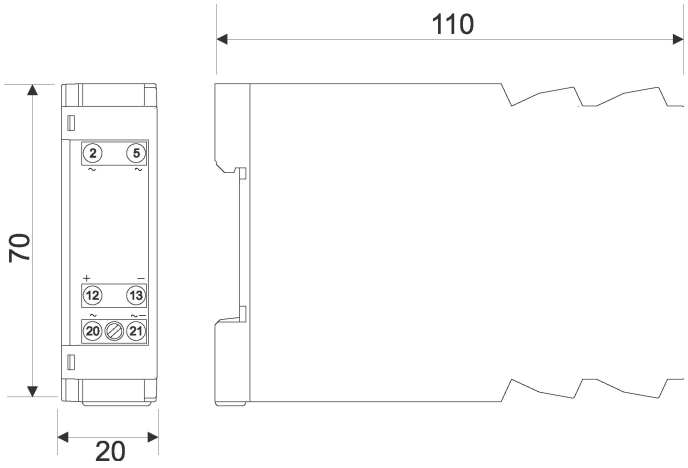
Dimensions



Connections