

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.

Creation date: 19/11/2026 - CIRCUTOR, SAU reserves the right to make technical changes or modify the content/images of this document without prior notice, in order to improve its reliability, functionality, design or for other reasons.
It accepts no liability for any errors, inaccuracies or possible lack of information in this document.



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 %)

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
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



CFE

Narrow section AC frecuency transducer

Code: M25511.

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

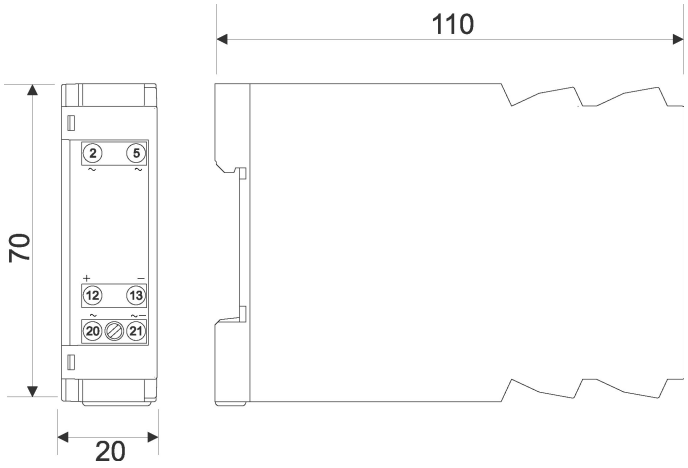


CFE

Narrow section AC frecuency transducer

Code: M25511.

Dimensions



Connections

