CFE-AP

CFE-AP, Transducer Hz

Code: M25521.

> Output type: 1
> Analog output: 0...20mA
> System: Selecting Network voltage: 115 / 240 / 400 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-AP

Narrow section AC frecuency transducer

Code: M25521.

Specifications

AC power supply	
Nominal voltage	0...5, 10 Vcc
Mechanical characteristics	
Size (mm) width x height x depth	20 x 70 x 110 (mm)
Weight (kg)	0,19
Environmental characteristics	
Protection class	IP 20 (Terminals) IP 40 (case)
Storage temperature	-40....+70 °C
Working temperature	-10...+60 °C
Voltage measurement circuit	
Consumption	2,5 VA
Voltage measuring range	70...110 % Vn
Maximum permanent measurement voltage	120 % Vn
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	
Current mode, nominal range	0...10, 20 mAac
Voltage mode: nominal output range	0...5, 10 Vac
Measurement accuracy	
Phase current measurement	0,5 % FS

CFE
Narrow section AC frecuency transducer

CFE-AP

Narrow section AC frecuency transducer

Code: M25521.

CODE	TYPE	Output type	Analog output	System	Measure
Frequency transducers					
M25511.	CFE	2	4...20mA	Network voltage	45 ..... 55 Hz
M25521.	CFE-AP	1	0...20mA	Selecting Network voltage	45 ..... 55 Hz

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