

CFE, Transducer Hz

Code: M25511.

- > 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.

Circutor

 Interior
2 0 5 VINFUT ~ VICLEAGE
300V 4+20mA
20 (2 U) J

Narrow section AC frecuency transducer

Code: M25511.

Specifications

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	4090 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	50660 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

Circutor

Creation date: 30/06/2025 - 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.

	100
	1
	205
	THE INFLUE TO A
	5 300V
	5 4+20mA
	CIRCUTOR
	12 (2) (3)
	CONTRACTOR OF THE OWNER OWNER OF THE OWNER
_	20 (21)
	J
	- I and

Narrow section AC frecuency transducer

Code: M25511.

Response time	< 300 ms (099 % Vn)	
Analogue outputs		
Displaced output	0,22 V / 210 V / 420 mA	
Measurement accuracy		
Phase current measurement	0,5 % FS	

CFE

Narrow section AC frecuency transducer

CODE	TYPE	Output type	Analog output	System	Measure		
Frequency transducers							
M25511.	CFE	2	420mA	Network voltage	45 55 Hz		
M25521.	CFE-AP	1	020mA	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



Narrow section AC frecuency transducer

Code: M25511.

Dimensions

Connections

×

×

