





CV-A-AP Out1, Transducer Vac

Code: M25041.

> Output type: 1

> Analog output: 0...20mA> Measure: 300 Vac> Paramètre: V ~

Description

The CV-A transducers, convert A.C voltage to D.C process indicator signal.

The analog output is directly proportional to the input signal, calibrated as a RMS with sinus signal of 50 Hz.







A.C. Voltage transducer

Code: M25041.

Specifications

AC power supply, insulation	
Pulse test (kV)	5 kV (1,2/50µs)
Test voltage (kV)	4 kV RMS 50 Hz 1min
AC power supply	
Consumption	2,5 VA
Frequency	4565 Hz
Nominal voltage	24/115/230/400 Vca
Mechanical characteristics	
Size (mm) width x height x depth	40 x 72 x 110 (mm)
Weight (kg)	0,26
Environmental characteristics	
Protection class	IP 20 (Terminals) IP 40 (case)
Storage temperature	-40+70 °C
Working temperature	-10+60 °C
Voltage measurement circuit	
Frequency measuring range	4565 Hz
Voltage measuring range	30100% Vn
Nominal voltage	24/115/230/400 V~
Analogue inputs	
Load impedance in current	< 500 Ω
Ripple (effective RMS value)	< 0,5 %
Load impedance in voltage	> 500 Ω
Response time	< 300 ms (099 % Vn)
Standards	
Standards	IEC 529, IEC 688, IEC 801, EN 50081-2, EN 50082-2, IEC 1010
Analogue outputs	
Current mode, nominal range	010, 20 mAac
Voltage mode: nominal output range	05, 10 Vac
Measurement accuracy	
Phase current measurement	0,5 % FS







A.C. Voltage transducer

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CV-A

AC Transducer Voltage

CODE	TYPE	Output type	Analog output	Measure	Paramètre
AC Voltage. Acc	curacy: ± 0,2 % reading, 4090	Hz			
M25041.	CV-A-AP Out1	1	020mA	300 Vac	V ~
M25031.	CV-A Out1	1	020mA	300 Vac	V ~
M25032.	CV-A Out2	2	420mA	300 Vac	V ~
M25051.	CV-A-RMS Out1	1	020mA	300 Vac	V ~
M25052.	CV-A-RMS Out2	2	420mA	300 Vac	V ~

⁻AP type: Accuracy: ± 0,5 % reading, 40...90 Hz. External auxiliary supply not required. Specify: Zero value, full scale and output type. For other values, see coding table on following pages







A.C. Voltage transducer

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Connections L N L N 12 13 20 22 21 12 13 20 22 21 145 75 Fight April (+) Salida Tensión aux.

