



CVE-A

CVE-A, Transducer Vac.

Code: M25011.

- > Output type: 2
- > Analog output: 4...20mA
- > Measure: 300 Vac
- > Paramètre: V ~

Description

The **CVE-A** and **CVE-AP** 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 50Hz.



CVE-A

Narrow section AC Voltage transducer

Code: M25011.

Specifications

AC power supply

| | |
|-----------------|-----------------------------|
| Consumption | 2,5 VA |
| Frequency | 40...90 Hz |
| Nominal voltage | 115 / 230 Vca (-10...+10 %) |

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) | 0,06 |

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 |
| Frequency measuring range | 45 / 65 Hz |
| Voltage measuring range | 5...120 % Vn |
| Nominal voltage | 0...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) | < 2 % |
| Load impedance in voltage | > 500 Ω |
| Response time | < 300 ms (0...99 % Vn) |

Analogue outputs

| | |
|------------------------------------|----------------------------------|
| Current mode, nominal range | 0...10, 20 mAac |
| Displaced output | 0,2...2 V / 2...10 V / 4...20 mA |
| Voltage mode: nominal output range | 0...5, 10 Vac |



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Measurement accuracy

| | |
|---------------------------|----------|
| Phase current measurement | 0,5 % FS |
|---------------------------|----------|

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Narrow section AC Voltage transducer

| CODE | TYPE | Output type | Analog output | System | Measure | Paramètre |
|-----------------------|-------|-------------|---------------|--------|---------|-----------|
| AC Voltage transducer | | | | | | |
| M25011. | CVE-A | 2 | 4...20mA | - | 300 Vac | V ~ |

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

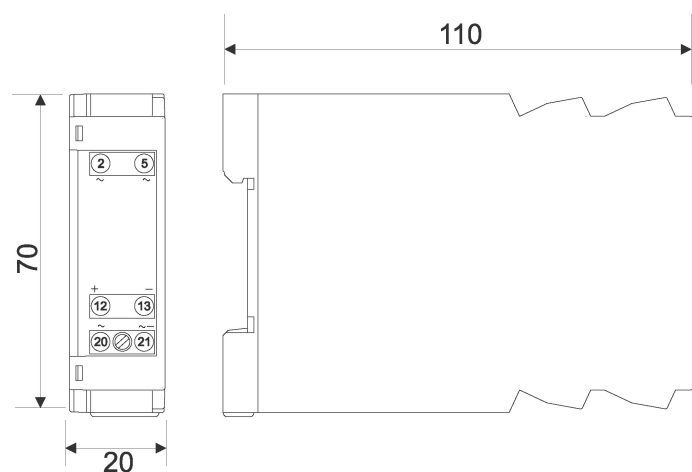


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Dimensions



Connections

