



CR2 Out 2

CR2 Out 2, Transducer Ohm

Code: M25642. (CONSULTAR DISPONIBILIDAD)

- > Output type: 2
- > Analog output: 4...20mA
- > Measure: 1 ... 200 k Ω

Description

CR2 transducers, measure a circuit resistance. The analog output signal is directly proportional to the measurement resistance.

The input circuit is protected against 250V RMS accidental voltage.



CR2 Out 2

Resistance transducer

Code: M25642.

Specifications

AC power supply, insulation

Pulse test (kV)	3 kV (1,2/50µs)
Test voltage (kV)	2 kV RMS 50 Hz 1min

AC power supply

Consumption	2,5 VA
Frequency	40...90 Hz
Nominal voltage	24/115/230/400 Vca (-15...+20%)

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	40 x 72 x 110 (mm)
Weight (kg)	0,31

Environmental characteristics

Protection class	IP 20 (Terminals) IP 40 (case)
Storage temperature	-40....+70 °C
Working temperature	-10...+60 °C

Current measurement circuit

Phase current measurement	20 ... 200 Ω / 2 ... 20 kΩ
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Standards

Electrical safety, Maximum height (m)	2000
Standards	IEC 529, IEC 688, IEC 801, EN 50081-2, EN 50082-2, IEC 1010

Analogue inputs

Load impedance in current	< 500 Ω
Ripple (effective RMS value)	< 0,5 %
Load impedance in voltage	> 500 Ω
Response time	< 300 ms (0...99 % Vn)



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Resistance transducer

Code: M25642.

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

Measurement accuracy

Phase current measurement	0,2 % FS
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Dimensions

