CW-M Out2

CW-M Out2, Transducer kW

Code: M25212.

> Output type: 2
> Analog output: 4...20mA
> System: Single-phase
> Paramètre: kW

Description

The **CW** transducers, convert the signal measured to D.C. signal process.
The analog output is directly proportional to active power - single phase measurement. The measurement is in true RMS.

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CW-M Out2

Active power transducer

Code: M25212.

Specifications

AC power supply, insulation

Pulse test (kV)	4 kV (1,2/50µs)
Test voltage (kV)	3 kV RMS 50 Hz 1min

AC power supply

Consumption	3 VA
Frequency	40...90 Hz
Nominal voltage	24/115/230/400 Vca (-15...+20 %)

Mechanical characteristics

Size (mm) width x height x depth	95 x 72 x 110 (mm)
Weight (kg)	0,54

Environmental characteristics

Protection class	IP 20 (Terminals) IP 40 (case)
Storage temperature	-40....+70 °C
Working temperature	-10...+55 °C

Current measurement circuit

Consumption	0,2 VA
Nominal current (In)	1 A / 5 A
Phase current measurement	0...150 % In
Allowable overload	300 % In permanent

Voltage measurement circuit

Input impedance	3000 Ω/V
Frequency measuring range	45...65 Hz
Voltage measuring range	0...150 % Vn
Nominal voltage	0...660 Vca
Maximum permanent measurement voltage	1000 V

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

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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

Measurement accuracy

Phase current measurement	0,5 % FS

CW
Active power transducer

CODE	TYPE	Output type	Analog output	System	Paramètre
Active power. Auxiliary supply 230 V, 40...90 Hz, Accuracy: ± 0,5 % reading					
M25212.	CW-M Out2	2	4...20mA	Single-phase	kW
M25232.	CW-TA Out2	2	4...20mA	Unbalanaced three-phase ARON (3 wires)	kW

Indicate: Zero value, fullscale, type of output, Un (between phases), In and fn.
For other values, see coding table on following pages

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Active power transducer

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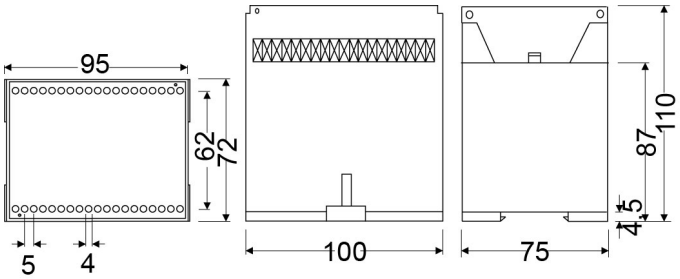
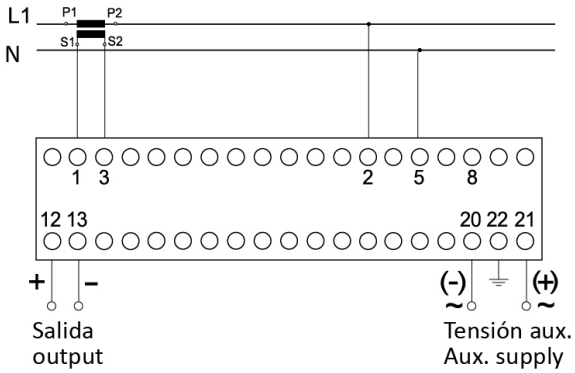
Dimensions



Connections



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