



CW-TAN Out1,3, Convertidor kW

Code: M25241. DESCATALOGADO

> Output type: 1, 3

> Analog output: 0...20mA

> System: Unbalanaced three-phase (4 wires)

> 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.







Active power transducer

Code: M25241.

### **Specifications**

Pulse test (kV)	4 kV (1,2/50μs)	
Test voltage (kV)	3 kV RMS 50 Hz 1min	
AC power supply		
Consumption	3 VA	
Frequency	4090 Hz	
Nominal voltage	24/115/230/400 Vca (-15+20 %)	
OC power supply, insulation		
Pulse test (kV)	3 kV (1,2/50µs)	
Test voltage (kV)	2 kV RMS 50Hz 1 min	
OC power supply		
Consumption	3 VA	
Nominal voltage	9-18 / 18-36 Vdc 36-72 / 90-140 Vdc	
Mechanical characteristics		
Size (mm) width x height x depth	95 x 72 x 110 (mm)	
Weight (kg)	0,54	
invironmental characteristics		
Protection class	IP 20 (Terminals) IP 40 (case)	
Storage temperature	-40+70 °C	
Working temperature	-10+55 °C	
urrent measurement circuit		
Consumption	0,2 VA	
Nominal current (In)	1 A / 5 A	
Phase current measurement	0150 % In	
Allowable overload	300 % In permanent	
oltage measurement circuit		
Input impedance	3000 Ω/V	
Frequency measuring range	4565 Hz	
Voltage measuring range	0150 % Vn	
Nominal voltage	0660 Vca	







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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 (099 % Vn)		
Analogue outputs			
Current mode, nominal range	010, 20 mAac		
Displaced output	0,22 V / 210 V / 420 mA		
Voltage mode: nominal output range	05, 10 Vac		
Measurement accuracy			
Phase current measurement	0,5 % FS		

### CW

Active power transducer

CODE	TYPE	Output type	Analog output	System	Paramètre
Active power	er. Auxiliary supply 230	V, 4090 Hz, Accur	acy: ± 0,5 % reading		
M25231.	CW-TA Out1,3	1, 3	020mA	Unbalanaced three-phase ARON (3 wires)	kW
M25232.	CW-TA Out2	2	420mA	Unbalanaced three-phase ARON (3 wires)	kW

Indicate: Zero value, full scale, type of output, Un (between phases), In and fn.  $\label{eq:continuous}$ 

For other values, see coding table on following pages





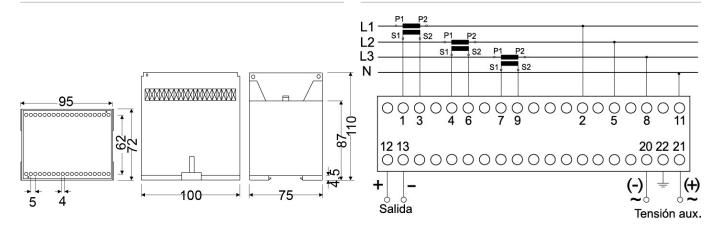


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#### Dimensions

### Connections



**CW-TAN** 

