



CY-M Out2, Transducer kvar

Code: M25252.

> Output type: 2

> Analog output: 4...20mA> System: Single-phase> Paramètre: kvar

Description

The CY transducers, convert the signal measured to D.C. signal process.

The analog output is directly proportional to reactive power - single phase measurement. The measurement is in true RMS.







Reactive power transducer

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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 %)	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	3 VA			
Nominal voltage	9-18 / 18-36 Vdc 36-72 / 90-140 Vdc	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)	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	-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	0150 % In	0150 % In		
Allowable overload	300 % In permanent	300 % In permanent		
oltage measurement circuit				
Input impedance	3000 Ω/V	3000 Ω/V		
Frequency measuring range	4565 Hz	4565 Hz		
Voltage measuring range	0150 % Vn	0150 % Vn		
	0. ((0.1/1)	0660 Vca		
Nominal voltage	UUddU			







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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 mAca
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

CY

Reactive power transducer

CODE	TYPE	Output type	Analog output	System	Paramètre
Reactive power	er. Auxiliary supply 230 v	V, 4090 Hz, Accuracy: ±	± 0,5 % reading		
M25252.	CY-M Out2	2	420mA	Single-phase	kvar

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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Dimensions Connections





