



GT-3911

1 channel 3-phase AC measurement

Lx-Ly 500VAC / 5 A

24 bit resolution

Maximum input voltage range: VLN= 288 VAC / VLL= 500 VAC

Input resistance voltage path:

Cage clamp, terminal NOT removable

10pt not removable terminal

Facts

General description

Article number	100-8076
Warranty	Up to 2 years
Article status	Active
Shock operating	IEC 60068-2-27 (15G)
Vibration resistance	Sine vibration (based on IEC 60068-2-6), 5 ~ 25 Hz: $\pm 1.6\text{mm}$, 25 ~ 300 Hz: 4G, Sweep rate: 1 octave/min., 20 cycles, Random vibration (based on IEC 60068-2-64), 10 ~ 40 Hz: $0.0125\text{g}^2/\text{Hz}$, 40 ~ 100 Hz: $0.0125 \rightarrow 0.002\text{g}^2/\text{Hz}$, 100 ~ 500 Hz: $0.002 \text{g}^2/\text{Hz}$, 500 ~ 2000 Hz: $0.002 \rightarrow 1.3 \times 10^{-4}\text{g}^2/\text{Hz}$, Test time: 1hrs for each test
Industrial emissions	EN 61000-6-4/A11: 2011
Industrial immunity	EN 61000-6-2: 2019
Product certifications	Horisontal, Vertical CE, RoHS, China RoHS, Reach
Power dissipation	Max. 125 mA @ 5 VDC
Isolation	I/O to Logic: Photocoupler isolation, Field power: Non-isolation
Field power	Supply voltage: 24 VDC nominal, Voltage range: 18 - 26.4 VDC, Power dissipation: 0 mA @ 24 VDC
Weight	63 g
Module size	12x99x70 mm

Environmental

Operating temperature	-20 ~ 60°C
Storage temperature	-40 ~ 85°C
UL temperature	-20 ~ 60°C
Relative humidity	5 ~ 90% non-condensing

Analog input module specifications

Calibration	Not Required
Etc function	Input frequency range: 45 - 65 Hz, Measured values: Angle, Voltage, Current, Power, Energy, Frequency, Power Factors
Indicators	Status, VL1, VL2, VL3, IL1, IL2, IL3
Input impedance	Input resistance voltage path: 1200 k Ω
Inputs per module	3 Ch voltage input, 3 Ch current input via CT
Module accuracy	Voltage & current: 0.3 % @ 25 °C, Voltage & current: 0.5 % @ -20 - 40 °C, Voltage & current: 1 % @ -20 - 50 °C, Voltage & current: 1.5 % @ -40 - 60 °C, Frequency: ± 0.1 Hz, Phase angle: $\pm 0.6^\circ$

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