



## GT-3901

1 channel 3-phase AC measurement

Lx-Ly 500VAC / 1 A

24bit resolution

Angle, Voltage, Current, Power, Energy, Frequency, Power Factors

45-65 Hz

Not removable terminal

## Facts

### General description

Article number	100-8069
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, FCC, RoHS, China RoHS, Reach
Isolation	I/O to Logic: Photocoupler isolation, I/O to Field Power: Non-Isolation
Field power	Supply voltage : 24Vdc nominal, Voltage range : 70°C 18~26.4Vdc, 60°C 18~32Vdc
Weight	60 g
Module size	12x109x70 mm

### Environmental

Mounting	35mm DIN rail
Operating temperature	-20 ~ 60°C
Storage temperature	-40 ~ 85°C
Relative humidity	5 ~ 90% non-condensing

### Analog input module specifications

Calibration	Not Required
Data format	32 bit integer
Indicators	1 green status , 3 green Over Voltage or Under Voltage: VL1, VL2, VL3 , 3 green Over Current or Under Current: IL1, IL2, IL3
Inputs per module	4 channels
Module accuracy	Voltage = 0.5%, Current = 0.5%, Frequency = $\pm 0.01\text{Hz}$ , Phase angle = $\pm 0.3^\circ$

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