

ELECTRONICS PRODUCTS > TRANSDUCERS > VOLTAGE TRANSDUCERS



VT3N-AC-24

Stock Keeping Unit (SKU): 600113

Isolated True RMS Voltage Transducers, AC input, 9-36V supply

Commercial Information

Product Sales Code	600113
Package Unit	1 pcs.
Customs Tariff Number	854370900019
Weight Per Unit Including Packaging	0.076 kg.

Technical Information

GENERAL	
Connection Type	Screw terminal
Protection Class	IP20
Weight (g)	76
Pack Quantity	1
Housing Width (mm)	36
Mounting Type	Panel or Rail
Insulation	1.5 kVrms, 3-way
Response Time	350ms
Linearity	<0.2%
Ripple	<80mV
Sensitivity	<0.2% (full scale, 25°C)

Temperature Coefficient	150 ppm/°C
Input-to-Output Test Voltage	4 kV during 1 min.

CURRENT MEASUREMENT INPUT

Power Consumption	<1.5W DC / <4VA AC
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POWER SUPPLY

Voltage	10-36V DC
Frequency	--

ENVIRONMENTAL CONDITIONS

Operating Temperature	-20°C +60°C
Storage Temperature	-40°C +75°C
Relative Humidity (Non-condensing)	Max. 95%

EMC/EMI

Radiated Emission Test (IEC 61000-6-2/AC)	2012, 61000-6-4
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INPUT SIGNAL

Frequency	40-70 Hz
Instantaneous Overload	<2xU Input Max. Range (5 pulses 1 sec.)
Continuous Overload	Max. 600V
Input Impedance	240 Ohm

ADJUSTABLE INPUT SIGNAL VOLTAGE RANGE

0-24 V AC	+
0-36 V AC	+
0-54 V AC	+
0-80 V AC	+
0-120 V AC	+
0-170 V AC	+
0-250 V AC	+
0-400 V AC	+
0-450 V AC	+

0-500 V AC	+
0-24 V DC	--
0-54 V DC	--
0-120 V DC	--
0-250 V DC	--
0-450 V DC	--

Adjustable Input Signal Current Range	
0-1 A AC	---
0-2 A AC	--
0-3 A AC	--
0-4 A AC	--
0-5 A AC	--

Output Type	
0-20 mA	+
4-20 mA	+
20 mA	+
20-0 mA	+
20-4 mA	+
0-5 V	+
10 V	+
10-0 V	+

Analog Output	
Max. Current	24 mA
Max. Voltage	12V
Max. Load	10 O (for voltage) / 600 Ohm (for current)