

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**

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**

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)**

Certificates

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