

ELECTRONICS PRODUCTS > TRANSDUCERS > VOLTAGE TRANSDUCERS



VT3-AC

Stock Keeping Unit (SKU): 600101

True RMS Voltage Transducer

Commercial Information

Product Sales Code	600101
Package Unit	1 pcs.
Customs Tariff Number	854370900019
Weight Per Unit Including Packaging	0.084 kg.

Technical Information

General	
Connection Type	Screw terminal
Protection Class	IP20
Weight G	84
Packaging Quantity	1
Case Width Mm	36
Mounting Type	Panel or Rail
Isolation	1.5 kVrms, 3-way
Response Time	350ms
Linearity	<0.2%
Ripple	<80mV
Accuracy	<0.2% (full scale, 25°C)
Temperature Coefficient	150 ppm/°C
Test Voltage Between Input Output	4 kV during 1 min.

Current Measurement Input

Power Consumption	<1.5W DC / <4VA AC
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Power Supply

Voltage	85-265V AC / 85-265V DC
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Frequency	40-70Hz
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Environmental Conditions

Operating Temperature	-20°C +60°C
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Storage Temperature	-40°C +75°C
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Relative Humidity Non Condensing	Max. 95%
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Emc Emi

Radiated Emission Test 61000 6 2Ac	2012, 61000-6-4
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Input Signal

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

0 24Vac	+
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0 36Vac	+
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0 54Vac	+
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0 80Vac	+
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0 120Vac	+
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0 170Vac	+
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0 250Vac	+
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0 400Vac	+
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0 450Vac	+
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0 500Vac	+
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0 24Vdc	--
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0 54Vdc	--
0 120Vdc	--
0 250Vdc	--
0 450Vdc	--

Input Signal Adjustable Current Range

0 1Aac	---
0 2Aac	--
0 3Aac	--
0 4Aac	--
0 5Aac	--

Output Type

0 20Ma	+
4 20Ma	+
20Ma	+
20 0Ma	+
20 4Ma	+
0 5V	+
10V	+
10 0V	+

Analog Output

Max Current	24 mA
Max Voltage	12V
Max Load	10 Ω (for voltage) / 600 Ω (for current)