

ELECTRONICS PRODUCTS > TRANSDUCERS > CURRENT TRANSDUCERS



## CT3-AC-24

**Stock Keeping Unit (SKU):** 600102

*True RMS Voltage Transducer*

### Commercial Information

Product Sales Code	<b>600102</b>
Package Unit	<b>1 pcs.</b>
Customs Tariff Number	<b>854370900019</b>
Weight Per Unit Including Packaging	<b>0.081 kg.</b>

### Technical Information

General	
Connection Type	<b>Screw terminal</b>
Protection Class	<b>IP20</b>
Weight G	<b>81</b>
Packaging Quantity	<b>1</b>
Case Width Mm	<b>36</b>
Mounting Type	<b>Panel or Rail</b>
Isolation	<b>1.5 kVrms, 3-way</b>
Response Time	<b>350ms</b>
Linearity	<b>&lt;0.2%</b>
Ripple	<b>&lt;80mV</b>
Accuracy	<b>&lt;0.2% (full scale, 25°C)</b>
Temperature Coefficient	<b>150 ppm/°C</b>
Test Voltage Between Input Output	<b>4 kV during 1 min.</b>

## Current Measurement Input

Power Consumption	<b>&lt;1.5W DC / &lt;4VA AC</b>
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## Power Supply

Voltage	<b>10-36V DC</b>
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Frequency	<b>--</b>
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## Environmental Conditions

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

Radiated Emission Test 61000 6 2Ac	<b>2012, 61000-6-4</b>
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## Input Signal

Frequency	<b>40-70 Hz</b>
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Instantaneous Overload	<b>20xin (100 A) for 1 sec.</b>
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Continuous Overload	<b>10A (2x Rated IN)</b>
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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	-
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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	<b>24 mA</b>
Max Voltage	<b>12V</b>
Max Load	<b>10 Ohm (for voltage) / 600 Ohm (for current)</b>