

ELECTRONICS PRODUCTS > TRANSDUCERS > CURRENT TRANSDUCERS

CT3N-AC-24

Stock Keeping Unit (SKU): 600112

Isolated True RMS Current Transducers, AC input, 10-36V supply

Commercial Information

Product Sales Code	**600112**
Package Unit	**1 pcs.**
Customs Tariff Number	**854370900019**
Weight Per Unit Including Packaging	**0.081 kg.**

Technical Information

GENERAL	
Connection Type	**Screw terminal**
Protection Class	**IP20**
Weight (g)	**81**
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	**20xin (100 A) for 1 sec.**
Continuous Overload	**10A (2x Rated IN)**

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 Ohm (for voltage) / 600 Ohm (for current)**

Certificates

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