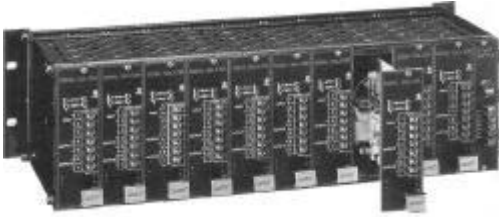


General Specifications

AC CURRENT TRANSDUCER



This is a high accurate instrument which receives alternating voltage of sinusoidal as input, calculates average-value and converts to DC voltage and current output signal proportional to effective-value of input.

SPECIFICATIONS

ITEMS	DESCRIPTIONS		
INPUT LOSS	Less than 0.5VA		
OVER-INPUT	200% 1 minute		
OUTPUT	DC Current or DC Voltage Signal		
ACCURACY	± 0.3% Max.		
TEMP. COEFFICIENT	± 0.02% / °C		
LINEARITY	± 0.1% F.S		
REPEATABILITY	± 0.1% F.S		
RESPONSE TIME	Less than 0.5Sec (0-90%)		
RIPPLE	0.2% F.S		
INSULATION RESISTANCE	Greater than 100MΩ at DC 500V		
DIELECTRIC-STRENGTH	Input-Power	AC1,500V	1 minute
	Input-Output	AC1,500V	
	Input-Ground	AC1,500V	
POWER SUPPLY	AC110V AC220V ± 10% 50-60Hz 4VA		
AMBIENT-TEMP	-5~ + 55°C (20~ 130°F)		
HUMIDITY	Less than 90% RH (no condensation)		
LINEARIZER	Standard function		
CASE MATERIAL	AL		
COLOR	BLACK		
WEIGHT	About 360g		
DIMENSION	W41 x H128.5 x D173mm		
MOUNTING	19 INCH STD. RACK MOUNTING FRAME (DUR-10G)		
OUTPUT	Refer to Attached Technical Sheet.		
LOAD RESISTANCE	Refer to Attached Technical Sheet.		

ORDERING CODE

MODEL : D U C T - -

INPUT SIGNAL

- 1 AC 0~ 1A
- 2 AC 0~ 5A
- 3 Others

OUTPUT SIGNAL

- 1 DC 0~ 1mA
- 2 DC 0~ 10mA
- 3 DC 0~ 16mA
- 4 DC 0~ 20mA
- 5 DC 1~ 5mA
- 6 DC 2~ 10mA
- 7 DC 4~ 20mA
- 8 Other Current (Less than 20mA)
- A DC 0~ 10mV
- B DC 0~ 100mV
- C DC 0~ 1V
- D DC 0~ 10V
- E DC 0~ 5V
- F DC 1~ 5V
- G Other Voltage (Less than 12V)

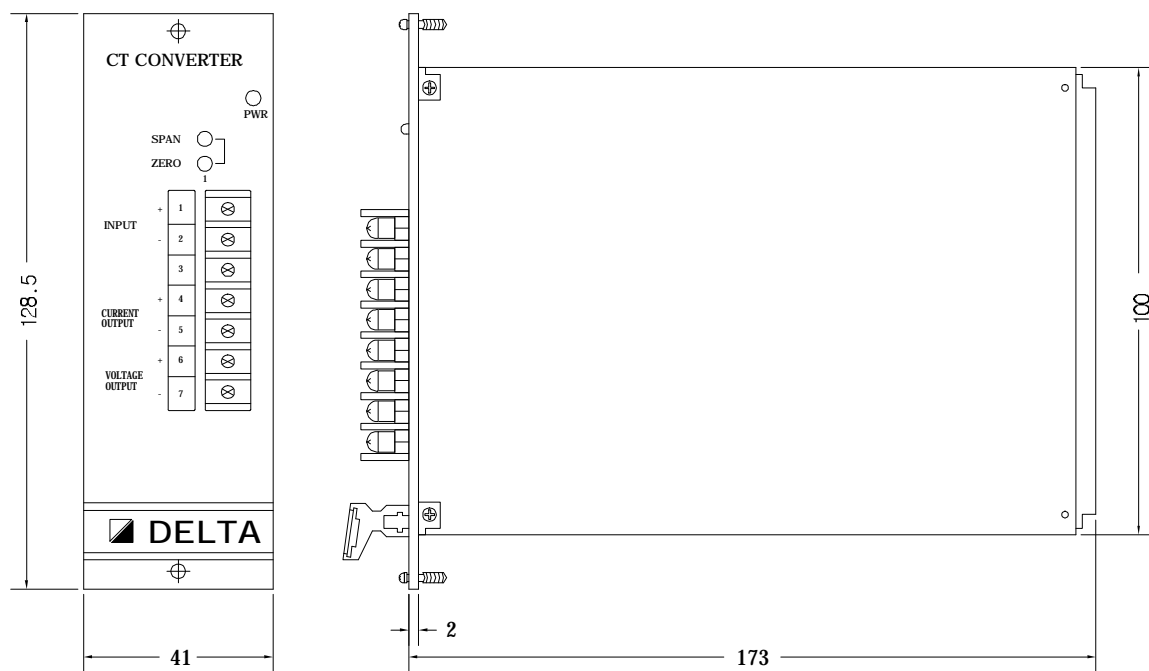
POWER SUPPLY

- 1 AC 110V
- 2 AC 220V

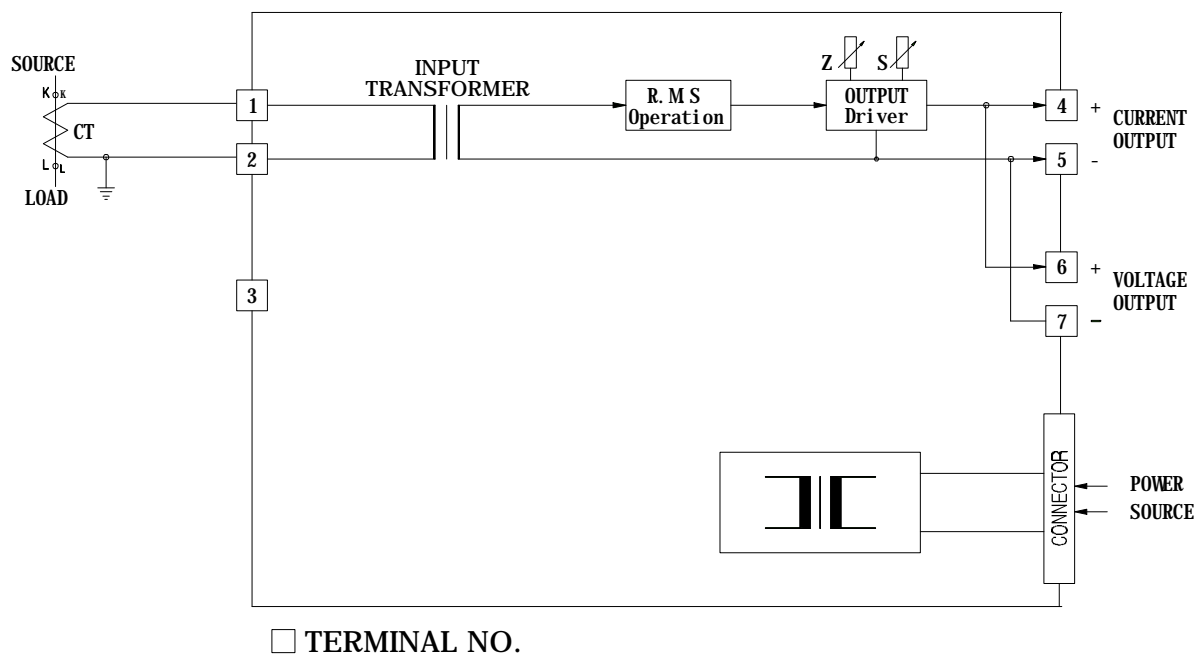
I/O ISOLATION

- G : General Y : Isolation

■ TERMINAL ASSIGNMENT & DIMENSION



■ SCHEMATIC CIRCUITRY & CONNECTION DIAGRAM



Specifications subject to change without notice.