

AC CURRENT TRANSDUCER

AETP2 - □□□

CONSTANT VOLTAGE/CURRENT OUTPUT RMS VALUE TYPE

Use

Converts AC current in an electric power system into a DC signal in proportion to input.

Features

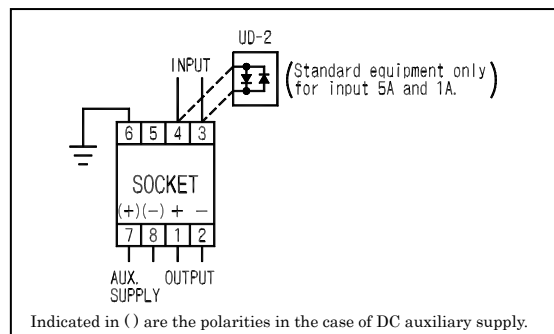
1. A type with auxiliary supply.
2. Constant voltage/current output. 4-20mA output is manufacturable.
3. Being a RMS type by adopting a hybrid IC, can be used for a distortion or a SCR waveform input.
4. Withstand voltage between input, output, auxiliary supply and outer case (earth) is AC2, 000V (50/60Hz), complete insulation for 1 minute.
5. Electrostatic shield between primary and secondary protects output side equipments from a lightning surge or suchlike from input side.
6. Impulse withstands voltage 5kV, 1.2/50µs (between electric circuit and earth), and positive/negative polarity 3 times each is guaranteed.
7. With output line surge protection. (2, 000A, 8/20µs, positive/negative polarity) ,can transmit an output directly to a distant place.



AETP2-3F2

(108(w/UD-2) × 50 × 121mm/450g)

Connection diagram



Specification

Input	Output	Auxiliary supply	Common specification
1 : AC0-100mA	1 : DC0-100mV (200)	1 : AC100V±10%, 50/60Hz	Tolerance: ± 0.5% Consumption VA: Input: 1VA AC power source:3VA DC power source:4W Weight: AC power source:450g DC power source:400g Response time: 1sec/99%
2 : AC0-1A	2 : DC0-1V (200)	2 : AC110V±10%, 50/60Hz	
3 : AC0-5A	3 : DC0-5V (1k)	3 : AC200V±10%, 50/60Hz	
4 : AC0-6A	4 : DC 0-10V (2k)	4 : AC220V±10%, 50/60Hz	
0 : other than those above	5 : DC1-5V (1k)	5 : DC24V±10%	
	A : DC0-1mA (10k)	6 : DC48V±10%	
	B : DC0-5mA (2k)	0 : other than those above	
	C : DC0-10mA (1k)		
	D : DC0-16mA (600)		
	E : DC1-5mA (3k)		
	F : DC4-20mA (750)		
	0 : other than those above		

(rating frequency: 50/60Hz)

Open of current output: even if the current output terminal is used in a state of regular open, there is no problem.
 Also, a voltage of approx. 25V occurs on the output terminal.

UD-2 Diode unit (Standard equipment only for rating 5A and 1A)

A diode unit for protecting primary CT when changing the current transducer in a hot line state. Because the changing time is diode protecting method, try to make it as short as possible.

Purchase specifications

