

AC CURRENT & VOLTAGE TRANSDUCER



FEATURES

- Measuring & Conversion : DIN-IEC 688
- Dielectric Strength : DIN-IEC 688
2KVac 50 / 60Hz / 1 minute
- Impulse Test : ANSI C37.90a / 1974,
IEEE 587 / 1983,
IEC 255-4, 5KV (1.2 x 50 μ s)
- Surge test (ring wave) : IEC 255-4 (2.5KV-0.25ms / 1MHz))

1. MODEL: PF - PA [Color] - [Color] [Color] - [Color] - [Color]

NO	Input Unit	NO	Input Type	NO	Input Rating (range)	NO	Frequency	NO	Output Voltage	NO	Output Current	NO	Aux.Power
1	1 unit	A	Voltage (RMS)	1	AC 0~120V (0~150V)	A	50Hz	11	DC 0-1 V	21	DC 0-1mA	1	AC 110/220V(50/60Hz)
3	3 units	B	Voltage (TRMS)	2	AC 0~240V (0~300V)	B	60Hz	12	DC 0-5 V	22	DC 0-10mA	2	DC 24V
		C	Current (RMS)	3	AC 0~400V (0~480V)	C	400Hz	13	DC 1-5 V	23	DC 0-20mA	3	DC 48V
		D	Current (TRMS)	4	AC 0~1A (0~1.2A)	0	SPECIFIED	14	DC 0-10 V	24	DC 4-20mA	4	DC 110V
		0	SPECIFIED	5	AC 0~5A (0~6A)			15	DC 2-10 V	29	SPECIFIED	5	DC 220V
				9	SPECIFIED			19	SPECIFIED			6	AC 90~260V
												9	SPECIFIED

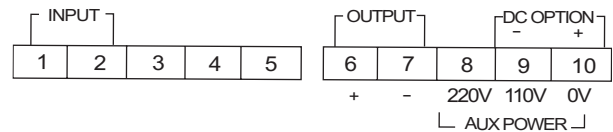
• TRMS only PA1 • Frequency \pm 10%

2. Specification

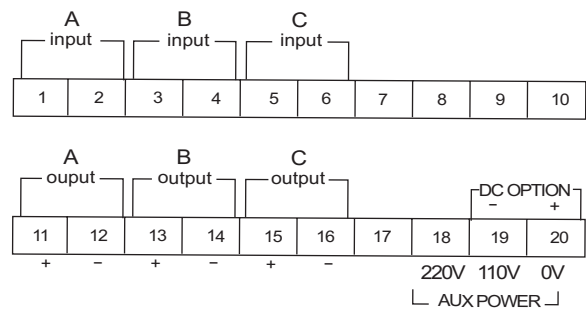
- Accuracy : 0.1% F.S. (TRMS) (23 \pm 5 $^{\circ}$ C)
0.25% F.S. (RMS) (23 \pm 5 $^{\circ}$ C)
- Temp. coefficient : 100ppm/ $^{\circ}$ C (0-50 $^{\circ}$ C)
- Input burden : \leq 0.2VA (voltage) \leq 0.2VA (current)
- Maximum input over : Current related input: 3 x rated continuous
10 x rated 30 sec., 25 x rated 3 sec.,
50 x rated 1 sec.
Voltage related input: maximum 2 x rated continuous
- Response time : \leq 250ms (0-90%)
- Output ripple (p-p) : $<$ 0.1% F.S.
- Output drive capability : \leq 10mA for voltage mode
 \leq 10V for current mode
- Dielectric strength : \leq 2KVac/1 min. (Input/output/aux. power/ case)
- Surge test : ANSI C37.90a/1974, DIN-IEC 255-4
impulse voltage 5KV (1.2 x 50 μ s)
- Operating condition : 0~55 $^{\circ}$ C (20 to 95% RH non-condensed)
- Storage condition : 0~70 $^{\circ}$ C (20 to 95% RH no-condensed)
- Power Supply : AC 110V/220V \pm 20% (50/60Hz)
 \leq 2VA (PA1), \leq 3.5VA (PA3)
(Optional DC24V, DC48V, DC110V, DC220V \pm 20%)

4. Terminal connection

PA-1 (1 units)



PA-3 (3 units)



3. Dimension: (Unit: mm)

