AC CURRENT & VOLTAGE TRANSDUCER

MODEL PA

CE

■ FEATURES

- Accuracy 0.1%F.S.(TRMS),0.25%F.S.(RMS)
- Wide selection of input/output range
- Dielectric strength 2KVac/1min. (input/output/power)
- Impuse test 5KV(1.2x50us)(IEC255-4,ANSI C37.90a/1974)
- Surge test (ring wave)2.5KV(0.25ms/1MHz) (IEC255-4)
- Dimension small and High stability

1:MODEL:PA □ - □ □ □-□ □

NO	Input Unit
1	1 unit
3	3 units

NO	Input Type
A	Voltage(RMS)
B	Current(RMS)
O	SPECIFIED

NO	Input Range
1	AC0~120V
2	AC0~240V
3	AC0~400V
4	AC0~1A
5	AC0~5A
9	SPECIFIED

NO	Frequency
A	50Hz
B	60Hz
C	400Hz
D	SPECIFIED

•Frequency±10%

NO	Output Range
A	DC0~50mV
B	DC0~1V
C	DC1~5V
D	DC0~10V
E	DC2~10V

NO	Output Range
F	DC0~1mA
G	DC0~10mA
H	DC0~20mA
I	DC4~20mA
O	SPECIFIED

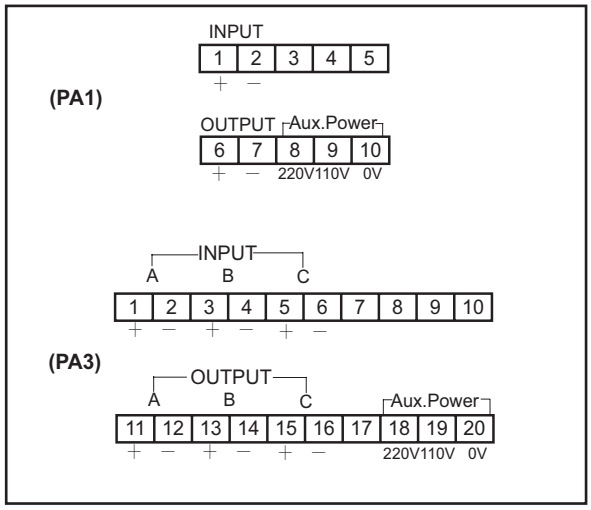
NO	Aux. Power
A	AC110V/220V
B	AC/DC20~60V
C	AC/DC90~260V

•Less 3VA for AC/DC input

2:SPECIFICATION

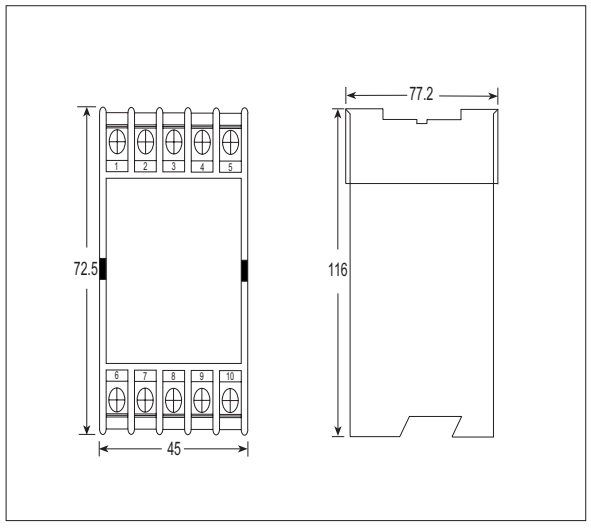
- Measuring accuracy : 0.25%F.S.(RMS) (23±5℃)
- Input burden : <0.2VA(voltage)
  <0.2VA(current)
- Maximum input over : Current related input:3 x rated continuous
  10 x rated 30 sec. ,25 x rated 3sec.
  50 x rated 1sec.
  Voltage related input:maximum 2x rated continuous
- Response time : <250ms (0~90%)
- Output drive capability : <10mA for voltage mode
  <10V for current mode
- Output ripple(p-p) : <0.1% F.S.
- Zero (offset) range : 0~±5% F.S.
- Span (scale) range : 0~±10% F.S.
- Temp. coefficient : 100ppm/℃ (0~50℃)
- Isolation : Input/Output/Power/Case
- Insulation Resistance : >100M ohm with 500V DC
- Dielectric strength : 2KVac/1 min. (input/output/power)
- Impulse test : ANSI C37.90a/1974,DIN-IEC 255-4
  impulse voltage 5KV (1.2 x 50us)
- Surge test(ring wave) : 2.5KV-0.25ms/1MHz(IEC255-4)
- Operating condition : -20~60℃(20 to 90% RH non-condensed)
- Storage condition : -30~70℃(20 to 90% RH non-condensed)
- CE EMC Certification : EN 55022:1998/A1:2000 Class A
  EN 61000-3-2:2000
  EN 61000-3-3:1995/A1:2001
  EN 55024:1998/A1:2001

3.Terminal connection



4.Dimension(unit:mm)

•PA1



•PA3 see PW Transducer dimension