

AC CURRENT & VOLTAGE TRANSDUCER

MODEL
PA



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)
Impulse 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

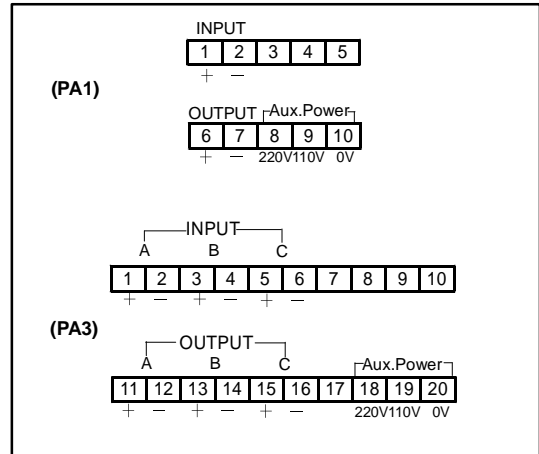
1:MODEL:PA

NO	Input Unit	NO	Input Type	NO	Input Range	NO	Frequency	NO	Output Range	NO	Output Range	NO	Aux. Power
1	1 unit	A	Voltage(RMS)	1	AC0-120V	A	50Hz	A	DC0-50mV	F	DC0-1mA	A	AC110V/220V
3	3 units	B	Current(RMS)	2	AC0-240V	B	60Hz	B	DC0-1V	G	DC0-10mA	B	AC/DC20-60V
		O	SPECIFIED	3	AC0-400V	C	400Hz	C	DC1-5V	H	DC0-20mA	C	AC/DC90-260V
				4	AC0-1A	D	SPECIFIED	D	DC0-10V	I	DC4-20mA		Less 3VA for AC/DC input
				5	AC0-5A			E	DC2-10V	O	SPECIFIED		
				9	SPECIFIED		Frequency $\pm 10\%$						

2:SPECIFICATION

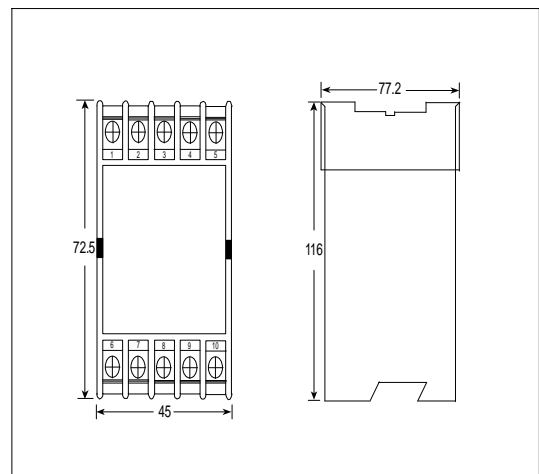
Measuring accuracy	: 0.25%F.S.(RMS) (23 \pm 5)
Input burden	: <0.2VA(voltage) <0.2VA(current)
Maximum input over	: Current related input:3 x rated continuous 10 x rated 30 sec. ,25 x rated 3sec. 50 x rated 1sec. Voltage related input:maximum 2x rated continuous
Response time	: <250ms (0-90%)
Output drive capability	: <10mA for voltage mode <10V for current mode
Output ripple(p-p)	: <0.1% F.S.
Zero (offset) range	: 0- \pm 5% F.S.
Span (scale) range	: 0- \pm 10% F.S.
Temp. coefficient	: 100ppm/ (0-50)
Isolation	: Input/Output/Power/Case
Insulation Resistance	: >100Mohm 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
Operating condition	: 0-50 (20 to 90% RH non-condensed)
Storage condition	: 0-70 (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