



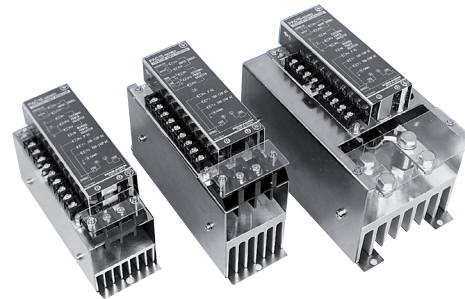
# Hybrid Recorder

**SHIMADEN**

## ■ PCA15 Series

### BASIC FEATURES

- Phase Angle or Zero Voltage Switching
- Current Capacity: 20~100 Amperes
- Power Supply: 100~120 / 200~240V AC



### SPECIFICATIONS

<b>Control Mode:</b>	Phase angle (PAC15P) Zero voltage switching (PAC15C)
<b>Possible Loads:</b>	All resistance loads (PAC15P) Constant resistance loads (PAC15C)
<b>Power Supply Cycle:</b>	50/60Hz. (internally selectable-PAC15P) 50/60Hz. common (PAC15C)
<b>Output Voltage Control Range:</b>	0~95% min. 50/60Hz. of inut voltage (PAC15P) 0~95% min. of load power (PAC15C)
<b>Powr Lamp:</b>	Green LED lamp (PAC15P)
<b>Output Indication:</b>	Green LED lamp (when load 'ON'-PAC15C)
<b>Current Capacity:</b>	20, 30, 45, 60, 80 and 100 Amps.
<b>Power Supply:</b>	100~120V/200~240V AC $\pm$ 10%
<b>Control Input:</b>	Current = 4~20mADC (Receiving impedance: 100 ohms) Contact = Zero voltage contact
<b>Power Adjuster:</b>	Current input = Internal installation as standard (External installation as option) Contact input = External installation as standard
<b>Auto/Manual Power Adjuster:</b>	Only current input type is available - optional
<b>Thyristor Element Cooling:</b>	Natural air
<b>Over-Current Protection:</b>	None available (Use a fuse for semiconductor)
<b>Minimum Load:</b>	10% min. of current capacity (no operation at no load)
<b>Operating Ambient Temperature and Humidity:</b>	-10~50°C, 90%RH maximum
<b>Insulation Resistance:</b>	500V DC 20M ohms between power supply terminals and chassis 500V DC 20M ohms between power supply terminals and input terminals
<b>Dielectric Strength:</b>	1 min. at 2000V AC between power supply terminals and chassis
<b>Dimensions and Weight:</b>	See page 4.

### ORDERING INFORMATION

ITEMS	CODE	SPECIFICATIONS	
SERIES	PAC15P	Phase Angle Single Phase Power Regulator	
	PAC15C	Cycle Base Zero Voltage Switching Single Phase Power Regulator	
CONTROL INPUT	0	4~20mA DC, Receiving impedance: 100Ω	
	2	Non-voltage contact	
	9	Others (Please consult before ordering.)	
CURRENT CAPACITY	020	20A	
	030	30A	
	045	45A	
	060	60A	
	080	80A	
	100	100A	
POWER SUPPLY	81-	100~120V / 200~240V AC $\pm$ 10%, 50 / 60Hz	
	99-	Others (Please consult before ordering.)	
EXTERNAL POWER ADJUSTER	N	None (Internal installation as standard)	Current input
	P	External power adjuster	
	M	Manual power adjuster	
	B	Base power adjuster	
	W	External power adjuster + manual power adjuster	
	Y	External power adjuster + base power adjuster	Contact input
	P	High power adjuster (standard)	
	B	High power adjuster (standard) + Low power adjuster	
X	Others (Please consult before ordering.)		
REMARKS	0	Without	
	9	With (Please consult before ordering.)	