



Three-Phase Power Regulator

SHIMADEN

■ PAC35 Series

BASIC FEATURES

- Phase Angle or Zero Voltage Switching
- Current Capacity: 20, 30, 45, 60, 90, 135A
- Power Supply: 200–240 or 380 – 440V AC

PAC35P/PAC35C


20A,30A

45A,60A

90A,135A

PAC35Z


20A,30A,45A

60A,90A,135A

ORDERING INFORMATION PAC35P

ITEMS		CODE		SPECIFICATIONS		
SERIES	PAC35P			Phase Angle 3-phase Power Regulator With Soft-Start		
CONTROL INPUT		0			4 – 20mA DC/Receiving Resistance: 100Ω	
		2			Non-voltage contact	
		9			Others (Please consult before ordering.)	
CURRENT CAPACITY		020			20A	
		030			30A	
		045			45A	
		060			60A	
		090			90A	
		135			135A	
POWER SUPPLY			37–			200 – 240V AC ±10% 50/60Hz
			35–			380 – 440V AC ±10% 50/60Hz
			99–			Others (Please consult before ordering.)
EXTERNAL POWER ADJUSTER			N	None (Internal standard)		Current input
			P	External power adjuster		
			M	Manual power adjuster		
			B	Base power adjuster		
			W	External power adjuster + Manual power adjuster		Contact input
			Y	External power adjuster + Base power adjuster		
			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.)		

ORDERING INFORMATION PAC35C

ITEMS		CODE		SPECIFICATIONS		
SERIES	PAC35C			Cycle Base Zero Voltage Switching (3-Phase)		
CONTROL INPUT		0			4-20mA DC/Receiving Resistance: 100Ω	
		2			Non-voltage contact	
		9			Others (Please consult before ordering.)	
CURRENT CAPACITY		020			20A	
		030			30A	
		045			45A	
		060			60A	
		090			90A	
		135			135A	
POWER SUPPLY		37–			200 – 240V AC ±10% 50/60Hz	
		35–			380 – 440V AC ±10% 50/60Hz	
		99–			Others (Please consult before ordering.)	
EXTERNAL POWER ADJUSTER		N			None (Internal standard)	Current input
		P			External power adjuster	
		M			Manual power adjuster	
		B			Base power adjuster	
		W			External power adjuster + Manual power adjuster	Contact input
		Y			External power adjuster + Base power adjuster	
		P			High power adjuster (standard)	
		B			High power adjuster (standard) + Low power adjuster	
X			Others (Please consult before ordering.)			
MANIPULATED VARIABLE (POWER) OUTPUT AND/OR INDICATOR		0			None	
		1			Manipulated variable output	
		2			Manipulated variable + indicator	
REMARKS		0			Without	
		9			With (Please consult before ordering.)	



Thermo

Ordering Information PAC35Z

SHIMADEN

ITEMS		CODE		SPECIFICATIONS			
SERIES	PAC35Z			Time Base Zero Voltage Switching (3-Phase)			
CONTROL INPUT		0			4 – 20mA DC/Receiving Resistance: 100Ω		
		2			Non-voltage contact		
		9			Others (Please consult before ordering.)		
CURRENT CAPACITY		020			20A		
		030			30A		
		045			45A		
		060			60A		
		090			90A		
		135			135A		
POWER SUPPLY			37–			200 – 240V AC ±10% 50/60Hz	
			35–			380 – 440V AC ±10% 50/60Hz	
			99–			Others (Please consult before ordering.)	
EXTERNAL POWER ADJUSTER			N			None (Internal 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	
			P			High power adjuster (standard)	Contact input
			B			High power adjuster (standard) + Low power adjuster	
			X			Others (Please consult before ordering.)	
MANIPULATED VARIABLE (POWER) OUTPUT AND/OR INDICATOR			0			None	
			1			Manipulated variable output	
			2			Manipulated variable + indicator	
REMARKS			0				Without
			9				With (Please consult before ordering.)



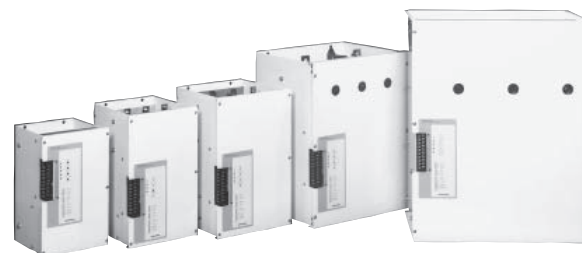
Three-Phase Power Regulator

SHIMADEN

■ PAC36P Series

BASIC FEATURES

- Wide application with variety of functions
- Suitable for air conditioning, electric, furnace, dryer, bio engineering, food industry, chemical industry, plastic formation and control of heat source applications.



2030A, 45A60A, 90A135A, 180A450A, 240A, 300A, 600A

ORDERING INFORMATION

ITEMS		CODE		SPECIFICATIONS	
SERIES	PAC36P			Phase Angle Control 3-Phase Power Regulator	
CONTROL INPUT		3		1~5V DC, Input Impedance: 200kΩ / contact signal	
		4		4~20mA DC, Receiving Impedance: 100Ω / contact signal	
		6		0~10V DC, Input Impedance: 200kΩ / contact signal	
		9		Others (Please consult before ordering.)	
POWER SUPPLY		15-		200~220V	
		16-		220~240V	
		17-		380~400V	
		18-		400~440V	
CURRENT CAPACITY		200~240V		380~440V	
		CODE		CODE	
		021	20A	022	20A
		031	30A	032	30A
		041	45A	042	45A
		061	60A	062	60A
		091	90A	092	90A
		131	135A	132	135A
		181	180A	182	180A
		241	240A	242	240A
		301	300A	302	300A
		451	450A	452	450A
		601	600A	602	600A
FEEDBACK FUNCTION		0		Constant voltage (standard feature)	
		1		Constant current	
		2		Constant power	
		3		Voltage Square-root	
OUTPUT CONTROL FUNCTIONS		0		None	
		1		Startup time output control limiting (0~60%, 1~60sec.)	
		2		Current limiting	
		3		Startup time output control + Current limiting	
EXTERNAL POWER ADJUSTER	WHEN USED WITH VOLTAGE AND CURRENT OUTPUT CONTROLLER	N		None (Internal installation as standard)	
		P		External power adjuster	
		M		Manual power adjuster	
		B		Base power adjuster	
		W		External power + Manual power	
		Y		External power + Base power	
	WHEN USED WITH CONTACT OUTPUT	P		External power adjuster	
		H		High-Low power adjuster	
HEATER BREAK ALARM		0		Without	
		1		With (0~100% setting of rated current)	
RAPID FUSE		0		Without	
		1		With (See rapid fuse table.)	
AUTO POWER ADJUSTMENT FUNCTIONS		0		Without	
		4		4~20mA DC, Receiving Impedance: 100Ω	
		6		0~10V DC, Input Impedance: 200kΩ	
REMARKS		0		Without	
		9		With (Please consult before ordering.)	