

HC-PZ series

*Control power supply specification: $\pm 15V$

Type	HC-PZ050V4B15	HC-PZ100V4B15	HC-PZ150V4B15	HC-PZ200V4B15	HC-PZ250V4B15	HC-PZ300V4B15	HC-PZ350V4B15	HC-PZ400V4B15
Rated current [If]	±50A	±100A	±150A	±200A	±250A	±300A	±350A	±400A
Saturation current [Is]	±150A	±300A	±450A	±600A	±750A	±900A	±1000A	±1000A
Linearity limits	0～±150A	0～±300A	0～±450A	0～±600A	0～±700A	0～±700A	0～±800A	0～±800A
Rated output [Vh]	±4V±1%							
Residual output [V0]	Within ±50mV							
Output linearity	Within ±1%							
Response time	Within 10 μ s (The smaller one on either at di/dt=100A/ μ s or If/ μ s.)							
Response performance	Within 10%							
Hysteresis Voltage range	Within 200mV							
Output Temp. Coef.	Within ±0.1%/°C							
Residual output Temp. Coef.	Within ±4mV/°C	Within ±2mV/°C				Within ±1mV/°C		
Control power supply	±15V±5%							
Consumption current	Within 30mA							
Operating Temp.	-10°C～+80°C							
Strage Temp.	-15°C～+85°C							
Dielectric withstand voltage	2500V AC 50/60Hz 1minute							
Insulation resistance	Not less than 500MΩ 500V DC							

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*Control power supply specification: $\pm 15V$

Type	HC-PZ450V4B15	HC-PZ500V4B15	HC-PZ550V4B15	HC-PZ600V4B15	HC-PZ650V4B15	HC-PZ700V4B15	HC-PZ750V4B15	HC-PZ800V4B15
Rated current [If]	$\pm 450A$	$\pm 500A$	$\pm 550A$	$\pm 600A$	$\pm 650A$	$\pm 700A$	$\pm 750A$	$\pm 800A$
Saturation current [Is]	$\pm 1000A$	$\pm 1000A$	$\pm 1000A$	$\pm 1000A$	$\pm 1000A$	$\pm 1000A$	$\pm 1000A$	$\pm 1000A$
Linearity limits	$0 \sim \pm 800A$	$0 \sim \pm 800A$	$0 \sim \pm 800A$	$0 \sim \pm 800A$	$0 \sim \pm 800A$	$0 \sim \pm 800A$	$0 \sim \pm 800A$	$0 \sim \pm 800A$
Rated output [Vh]	$\pm 4V \pm 1\%$							
Residual output [V0]	Within $\pm 50mV$							
Output linearity	Within $\pm 1\%$							
Response time	Within $10 \mu s$ (The smaller one on either at $di/dt=100A/\mu s$ or $I_f/\mu s$.)							
Response performance	Within 10%							
Hysteresis Voltage range	Within 200mV							
Output Temp. Coef.	Within $\pm 0.1\%/^{\circ}C$							
Residual output Temp. Coef.	Within $\pm 1mV/^{\circ}C$							
Control power supply	$\pm 15V \pm 5\%$							
Consumption current	Within 30mA							
Operating Temp.	$-10^{\circ}C \sim +80^{\circ}C$							
Strage Temp.	$-15^{\circ}C \sim +85^{\circ}C$							
Dielectric withstand voltage	2500V AC 50/60Hz 1minute							
Insulation resistance	Not less than $500M\Omega$ 500V DC							