

\*Control power supply specification:  $\pm 12V$ 

&lt;Voltage output type&gt;

Type	HS-PKD050V4B12	HS-PKD100V4B12S	HS-PKD150V4B12S
Rated current [If]	$\pm 50A$	$\pm 100A$	$\pm 150A$
Continuously flowing DC current	$\pm 50A$	$\pm 72A$	$\pm 108A$
Saturation current [Is]	$\pm 125A$	$\pm 210A$	$\pm 270A$
Linearity limits	$0 \sim \pm 100A$	$0 \sim \pm 200A$	$0 \sim \pm 250A$
Rated output [Vh]	+If	$V_0 + 4V \pm 1\% (R_L = 10k\Omega)$	
	-If	$V_0 - 4V \pm 1\% (R_L = 10k\Omega)$	
Residual output [V0]	Within $\pm 20mV$		
Output linearity	Within $\pm 0.5\%$		
Second coil resistance	Approx. $47\Omega$		Approx. $63\Omega$
Response time	Within $1\mu s$ (The smaller one on either at $di/dt = 100A/\mu s$ or $I_f/\mu s$ .)		
Response performance	Within 10%		
Hysteresis Voltage range	Within 20mV		
Output Temp. Coef.	Within $\pm 0.01\%/^{\circ}C$		
Residual output Temp. Coef.	Within $\pm 0.8mV/^{\circ}C$		
Control power supply	$\pm 12V \pm 5\%$		
Consumption current	$20mA + (\text{Input current}/2500)$		$20mA + (\text{Input current}/3200)$
Operating Temp.	$-10^{\circ}C \sim +80^{\circ}C$		
Storage 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		

\*Control power supply specification:  $\pm 12V$ 

&lt;Current output type&gt;

Type	HS-PKD050A0025B12	HS-PKD100A005B12	HS-PKD150A005B12
Rated current [If]	$\pm 50A$	$\pm 100A$	$\pm 150A$
Continuously flowing DC current	$\pm 50A$	$\pm 72A$	$\pm 72A$
Saturation current [Is]	$\pm 100A$	$\pm 100A$	$\pm 150A$
Linearity limits	$0 \sim \pm 100A$ (RL=90 $\Omega$ ~ 130 $\Omega$ )	$0 \sim \pm 100A$ (RL=90 $\Omega$ ~ 130 $\Omega$ )	$0 \sim \pm 150A$ (RL=60 $\Omega$ ~ 100 $\Omega$ )
Rated output [Ih]	+If	$I0+25mA \pm 1\%$	$I0+50mA \pm 1\%$
	-If	$I0-25mA \pm 1\%$	$I0-50mA \pm 1\%$
Residual output [I0]	Within $\pm 0.2mA$		
Output linearity	Within $\pm 0.5\%$		
Second coil resistance	Approx. 38 $\Omega$		Approx. 58 $\Omega$
Response time	Within 1 $\mu s$ (The smaller one on either at $di/dt = 100A/\mu s$ or $I/\mu s$ .)		
Response performance	Within 10%		
Hysteresis Voltage range	Within 0.2mA		
Output Temp. Coef.	Within $\pm 0.01\%/^{\circ}C$		
Residual output Temp. Coef.	Within $\pm 0.01mA/^{\circ}C$		
Control power supply	$\pm 12V \pm 5\%$		
Consumption current	20mA+(Input current/2000)		20mA+(Input current/3000)
Operating Temp.	$-10^{\circ}C \sim +80^{\circ}C$		
Storage 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		