

HC-PDK series

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

Type	HC-PDK50V4B12	HC-PDK60V4B12	HC-PDK70V4B12	HC-PDK80V4B12	HC-PDK90V4B12	HC-PDK100V4B12
Rated current [If]	$\pm 50A$	$\pm 60A$	$\pm 70A$	$\pm 80A$	$\pm 90A$	$\pm 100A$
Continuously flowing DC current	$\pm 100A$					
Saturation current [Is]	$\pm 112.5A$	$\pm 135A$	$\pm 150A$			
Linearity limits	$0 \sim \pm 112.5A$	$0 \sim \pm 135A$				
Size of busbar	Bus bar □1 x 7.8					
Turns	1					
Rated output [Vh]	$\pm 4V \pm 1.5\%$ (RL=10k Ω)					
Residual output [V0]	Within $\pm 50mV$					
Output linearity	Within $\pm 1\%$					
Response time	Within 10 μs (at di/dt=If/ μs)					
Response performance	Within 10%					
Hysteresis Voltage range	Within 60mV					
Output Temp. Coef.	Within $\pm 0.1\%/^{\circ}C$					
Residual output Temp. Coef.	Within $\pm 2mV/^{\circ}C$					
Control power supply	$\pm 12V \pm 5\%$					
Consumption current	Within 20mA					
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 Ω 500V DC					