

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

Type		HS-PKF050A0025B12	HS-PKF100A005B12
Rated current [If]		$\pm 50A$	$\pm 100A$
Continuously flowing DC current		$\pm 50A$	$\pm 71A$
Saturation current [Is]		$\pm 100A$	$\pm 160A$
Linearity limits		$0 \sim \pm 100A (RL=45 \Omega)$	$0 \sim \pm 160A (RL=1 \Omega)$
Rated output [Ih]	+If	$I0+25mA \pm 0.5\%$	$I0+50mA \pm 0.5\%$
	-If	$I0-25mA \pm 0.5\%$	$I0-50mA \pm 0.5\%$
Residual output [I0]		Within $\pm 0.2mA$	
Output linearity		Within $\pm 0.15\%$	
Second coil resistance		Approx. 82Ω	
Response time		Within $0.5 \mu s$ (at $di/dt=If/\mu s$)	
Response performance		Within 10%	
Hysteresis Voltage range		Within 0.15mA	
Output Temp. Coef.		Within $\pm 0.01\%/^{\circ}C$	
Residual output Temp. Coef.		Within $\pm 0.005mA/^{\circ}C$	
Control power supply		$\pm 12V \pm 5\%$	
Consumption current		$20mA + (\text{Input current}/2000)$	
Operating Temp.		$-25^{\circ}C \sim +85^{\circ}C$	
Strage Temp.		$-40^{\circ}C \sim +90^{\circ}C$	
Dielectric withstand voltage		2500V AC 50/60Hz 1minute	
Insulation resistance		Not less than $500M \Omega$ 500V DC	