

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

<Voltage output type>

Type	HS-U050V4B12	HS-U100V4B12	HS-U200V4B12	HS-U250V4B12
Rated current [If]	$\pm 50A$	$\pm 100A$	$\pm 200A$	$\pm 250A$
Continuously flowing DC current	$\pm 50A$	$\pm 100A$	$\pm 200A$	$\pm 250A$
Saturation current [Is]	$\pm 100A$	$\pm 200A$	$\pm 250A$	$\pm 250A$
Linearity limits	$0 \sim \pm 100A$	$0 \sim \pm 200A$	$0 \sim \pm 250A$	$0 \sim \pm 250A$
Rated output [Vh]	$\pm 4V \pm 1\%$ ($R_L=10k\Omega$)			
Residual output [V0]	Within $\pm 20mV$			
Output linearity	Within $\pm 0.5\%$			
Second coil resistance	Approx. 25Ω	Approx. 50Ω		
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 $\pm 0.02\%/^{\circ}C$			
Residual output Temp. Coef.	Within $\pm 1mV/^{\circ}C$			
Control power supply	$\pm 12V \pm 5\%$			
Consumption current	$20mA + (\text{Input current}/1000)$	$20mA + (\text{Input current}/2000)$		
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: $\pm 12V$

<Current output type>

Type	HS-U050A005B12	HS-U100A005B12	HS-U200A010B12	HS-U250A0125B12
Rated current [If]	$\pm 50A$	$\pm 100A$	$\pm 200A$	$\pm 250A$
Continuously flowing DC current	$\pm 50A$	$\pm 100A$	$\pm 200A$	$\pm 250A$
Saturation current [Is]	$\pm 150A$	$\pm 250A$	$\pm 250A$	$\pm 250A$
Linearity limits	$0 \sim \pm 120A$ (RL=40 Ω)	$0 \sim \pm 250A$ (RL=10 Ω)	$0 \sim \pm 250A$ (RL=10 Ω)	$0 \sim \pm 250A$ (RL=10 Ω)
Rated output [Ih]	$\pm 50mA \pm 1\%$		$\pm 100mA \pm 1\%$	$\pm 125mA \pm 1\%$
Residual output [I0]	Within $\pm 0.2mA$			
Output linearity	Within $\pm 0.5\%$			
Second coil resistance	Approx. 25 Ω	Approx. 50 Ω		
Response time	Within 1 μs (The smaller one on either at $di/dt = 100A/\mu s$ or $I_f/\mu s$.)			
Response performance	Within 10%			
Hysteresis Voltage range	Within 0.2mA			
Output Temp. Coef.	Within $\pm 0.02\%/^{\circ}C$			
Residual output Temp. Coef.	Within $\pm 0.01mA/^{\circ}C$			
Control power supply	$\pm 12V \pm 5\%$			
Consumption current	$20mA + (\text{Input current}/1000)$	$20mA + (\text{Input current}/2000)$		
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 Ω 500V DC			