HS-K series

*Control power supply specification: ±12V

＜Voltage output type＞

Type	HS-K300V4B12	HS-K400V4B12	HS-K500V4B12
Rated current [If]	±300A	±400A	±500A
Continuosly flowing DC current	±600A	±800A	±1000A
Saturation current [Is]	±620A	±620A	±720A
Linearity limits	0～±600A	0～±600A	0～±700A
Rated output [Vh]	±4V±1% (RL=10kΩ)		
Residual output [V0]	Within ±20mV		
Output linearity	Within ±0.5%		
Second coil resistance	Approx. 31Ω		Approx. 42Ω
Response time	Within 1μs (at di/dt=100A/μs)		
Response performance	Within 20%		
Hysteresis Voltage range	Within 20mV		
Output Temp. Coef.	Within ±0.02%/℃		
Residual output Temp. Coef.	Within ±1mV/℃		
Control power supply	±12V±5%		
Consumption current	20mA+(Input current/4000)		20mA+(Input current/5000)
Operating Temp.	-10℃～+80℃		
Strage Temp.	-15℃～+85℃		
Dielectric withstand voltage	2500V AC 50/60Hz 1minute		
Insulation resistance	Not less than 500MΩ 500V DC		

HS-K series

*Control power supply specification: ±12V

＜Current output type＞

Type	HS-K300A0075B12	HS-K400A010B12	HS-K500A010B12
Rated current [If]	±300A	±400A	±500A
Continuosly flowing DC current	±600A	±600A	±1000A
Saturation current [Is]	±620A	±620A	±720A
Linearity limits	0～±600A (RL=1～3Ω)	0～±600A (RL=1～3Ω)	0～±700A (RL=1Ω)
Rated output [Ih]	±75mA±1%	±100mA±1%	
Residual output [I0]	Within ±0.2mA		
Output linearity	Within ±0.5%		
Second coil resistance	Approx. 31Ω		Approx. 42Ω
Response time	Within 1μs (at di/dt=100A/μs)		
Response performance	Within 20%		
Hysteresis Voltage range	Within 0.2mA		
Output Temp. Coef.	Within ±0.02%/℃		
Residual output Temp. Coef.	Within ±0.01mA/℃		
Control power supply	±12V±5%		
Consumption current	20mA+(Input current/4000)		20mA+(Input current/5000)
Operating Temp.	-10℃～+80℃		
Strage Temp.	-15℃～+85℃		
Dielectric withstand voltage	2500V AC 50/60Hz 1minute		
Insulation resistance	Not less than 500MΩ 500V DC		