HS-P series

*Control power supply specification: ±12V

＜Voltage output type＞

Type	HS-P050V4B12	HS-P100V4B12
Rated current [If]	±50A	±100A
Continuosly flowing DC current	±50A	±100A
Saturation current [Is]	±80A	±120A
Linearity limits	0～±80A	0～±120A
Rated output [Vh]	±4V±1% (RL=10kΩ)	
Residual output [V0]	Within ±20mV	
Output linearity	Within ±0.5%	
Second coil resistance	Approx. 100Ω	
Response time	Within 1μs (The smaller one on either at di/dt = 100A/μs or If/μs.)	
Response performance	Within 10%	
Hysteresis Voltage range	Within 30mV	
Output Temp. Coef.	Within ±0.02%/℃	
Residual output Temp. Coef.	Within ±1mV/℃	
Control power supply	±12V±5%	
Consumption current	20mA+(Input current/2000)	
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-P series

*Control power supply specification: ±12V

＜Current output type＞

Type	HS-P050A005B12	HS-P100A005B12
Rated current [If]	±50A	±100A
Continuosly flowing DC current	±50A	±100A
Saturation current [Is]	±100A	±130A
Linearity limits	0～±100A (RL=10Ω)	0～±130A (RL=1～5Ω)
Rated output [Ih]	±50mA±1%	
Residual output [I0]	Within ±0.2mA	
Output linearity	Within ±0.5%	
Second coil resistance	Approx. 51Ω	Approx. 100Ω
Response time	Within 1μs (The smaller one on either at di/dt = 100A/μs or If/μs.)	
Response performance	Within 10%	
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/1000)	20mA+(Input current/2000)
Operating Temp.	-10℃～+80℃	
Strage Temp.	-15℃～+85℃	
Dielectric withstand voltage	2500V AC 50/60Hz 1minute	
Insulation resistance	Not less than 500MΩ 500V DC	