

\*制御電源 ±12V仕様

&lt;電圧出力タイプ&gt;

形名 (Type)	HS-P050V4B12	HS-P100V4B12
定格電流 [If] (Rated current)	±50A	±100A
連続通電DC電流 (Continuously flowing DC current)	±50A	±100A
飽和電流 [Is] (Saturation current)	±80A	±120A
直線性範囲 (Linearity limits)	0~±80A	0~±120A
定格出力 [Vh] (Rated output)	±4V±1% (RL=10kΩ)	
残留出力 [V0] (Residual output)	Within ±20mV	
直線性 (Output linearity)	Within ±0.5%	
二次巻線抵抗 (Second coil resistance)	Approx. 100Ω	
応答速度 (Response time)	Within 1 μs (The smaller one on either at di/dt = 100A/μs or If/μs.)	
過渡特性 (Response performance)	Within 10%	
ヒステリシス巾 (Hysteresis Voltage range)	Within 30mV	
出力温度特性 (Output Temp. Coef.)	Within ±0.02%/°C	
残留出力温度特性 (Residual output Temp. Coef.)	Within ±1mV/°C	
制御電源 (Control power supply)	±12V±5%	
消費電流 (Consumption current)	20mA+(Input current/2000)	
使用温度範囲 (Operating Temp.)	-10°C~+80°C	
保存温度範囲 (Storage Temp.)	-15°C~+85°C	
耐電圧 (Dielectric withstand voltage)	2500V AC 50/60Hz 1minute	
絶縁抵抗 (Insulation resistance)	Not less than 500MΩ 500V DC	

\*制御電源 ±12V仕様

<電流出カタイプ>

形名 (Type)	HS-P050A005B12	HS-P100A005B12
定格電流 [If] (Rated current)	±50A	±100A
連続通電DC電流 (Continuously flowing DC current)	±50A	±100A
飽和電流 [Is] (Saturation current)	±100A	±130A
直線性範囲 (Linearity limits)	0~±100A (RL=10Ω)	0~±130A (RL=1~5Ω)
定格出力 [Ih] (Rated output)	±50mA±1%	
残留出力 [I0] (Residual output)	Within ±0.2mA	
直線性 (Output linearity)	Within ±0.5%	
二次巻線抵抗 (Second coil resistance)	Approx. 51Ω	Approx. 100Ω
応答速度 (Response time)	Within 1 μs (The smaller one on either at di/dt = 100A/μs or If/μs.)	
過渡特性 (Response performance)	Within 10%	
ヒステリシス巾 (Hysteresis Voltage range)	Within 0.2mA	
出力温度特性 (Output Temp. Coef.)	Within ±0.02%/°C	
残留出力温度特性 (Residual output Temp. Coef.)	Within ±0.01mA/°C	
制御電源 (Control power supply)	±12V±5%	
消費電流 (Consumption current)	20mA+(Input current/1000)	20mA+(Input current/2000)
使用温度範囲 (Operating Temp.)	-10°C~+80°C	
保存温度範囲 (Storage Temp.)	-15°C~+85°C	
耐電圧 (Dielectric withstand voltage)	2500V AC 50/60Hz 1minute	
絶縁抵抗 (Insulation resistance)	Not less than 500MΩ 500V DC	