

*制御電源 ±12V仕様

<電圧出力タイプ>

形名 (Type)	HS-KB500V4B12J	HS-KBE10V4B12J
定格電流 [If] (Rated current)	±500A	±1000A
連続通電DC電流 (Continuously flowing DC current)	±1000A	
飽和電流 [Is] (Saturation current)	±1300A	
直線性範囲 (Linearity limits)	0~±1200A	
定格出力 [Vh] (Rated output)	V0±4V±1.5% (RL=20kΩ)	
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. 24Ω	
応答速度 (Response time)	Within 1 μs (at di/dt=100A/μs)	
過渡特性 (Response performance)	Within 20%	
ヒステリシス巾 (Hysteresis Voltage range)	Within 20mV	
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/4000)	
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)	4000V AC 50/60Hz 1minute	
絶縁抵抗 (Insulation resistance)	Not less than 500MΩ 500V DC	

*制御電源 ±12V仕様

<電流出力タイプ>

形名 (Type)	HS-KB500A0125B12J	HS-KBE10A025B12J
定格電流 [If] (Rated current)	±500A	±1000A
連続通電DC電流 (Continuously flowing DC current)	±1000A	
飽和電流 [Is] (Saturation current)	±1300A (RL=1~3Ω)	
直線性範囲 (Linearity limits)	0~±1200A (RL=1~3Ω)	
定格出力 [Ih] (Rated output)	10±125mA±1.5%	10±250mA±1.5%
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. 24Ω	
応答速度 (Response time)	Within 1 μs (at di/dt=100A/μs)	
過渡特性 (Response performance)	Within 20%	
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/4000)	
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)	4000V AC 50/60Hz 1minute	
絶縁抵抗 (Insulation resistance)	Not less than 500MΩ 500V DC	