

*制御電源 ±12V仕様

<電圧出力タイプ>

形名 (Type)	HS-UD300V4B12	HS-UD400V4B12	HS-UD500V4B12
定格電流 [If] (Rated current)	±300A	±400A	±500A
連続通電DC電流 (Continuously flowing DC current)	±450A	±450A	±450A
飽和電流 [Is] (Saturation current)	±675A	±870A	±870A
直線性範囲 (Linearity limits)	0~±600A	0~±800A	0~±800A
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. 16.8Ω		
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 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/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		

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<電流出カタイプ>

形名 (Type)	HS-UD300A015B12	HS-UD400A020B12	HS-UD500A025B12
定格電流 [If] (Rated current)	±300A	±400A	±500A
連続通電DC電流 (Continuously flowing DC current)	±450A	±450A	±450A
飽和電流 [Is] (Saturation current)	±675A	±750A	±850A
直線性範囲 (Linearity limits)	0~±600A (RL=1Ω~5Ω)	0~±700A (RL=1Ω~3Ω)	0~±800A (RL=1Ω)
定格出力 [Ih] (Rated output)	±150mA±1%	±200mA±1%	±250mA±1%
残留出力 [IO] (Residual output)	Within ±0.2mA		
直線性 (Output linearity)	Within ±0.5%		
二次巻線抵抗 (Second coil resistance)	Approx. 16.8Ω		
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/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		