

*制御電源 ±12V仕様

<電圧出力タイプ>

形 名 (Type)		HS-UFB100V4B12	HS-UFB200V4B12	HS-UFB300V4B12
定 格 電 流 [If] (Rated current)		±100A	±200A	±300A
連 続 通 電 D C 電 流 (Continuously flowing DC current)		±100A	±200A	±230A
飽 和 電 流 [Is] (Saturation current)		±225A	±450A	±520A
直 線 性 範 囲 (Linearity limits)		0~±200A	0~±400A	0~±470A
定 格 出 力 [Vh] (Rated output)	+If	V0+4V±1% (RL=10kΩ)		
	-If	V0-4V±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. 48Ω		
応 答 速 度 (Response time)		Within 1 μs (at di/dt=100A/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/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)		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-UFB100A0025B12	HS-UFB200A005B12	HS-UFB300A0075B12
定格電流 [If] (Rated current)		±100A	±200A	±300A
連続通電DC電流 (Continuously flowing DC current)		±100A	±200A	±230A
飽和電流 [Is] (Saturation current)		±225A (RL=80Ω)	±450A (RL=5Ω)	±520A (RL=5Ω)
直線性範囲 (Linearity limits)		0~±200A (RL=5~80Ω)	0~±400A (RL=5~15Ω)	0~±470A (RL=5~15Ω)
定格出力 [Ih] (Rated output)	+If	I0+25mA±1%	I0+50mA±1%	I0+75mA±1%
	-If	I0-25mA±1%	I0-50mA±1%	I0-75mA±1%
残留出力 [I0] (Residual output)		Within ±0.2mA		
直線性 (Output linearity)		Within ±0.3%		
二次巻線抵抗 (Second coil resistance)		Approx. 53Ω		
応答速度 (Response time)		Within 1 μs (at di/dt=100A/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/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)		2500V AC 50/60Hz 1minute		
絶縁抵抗 (Insulation resistance)		Not less than 500MΩ 500V DC		