

*Control power supply specification: $\pm 12V$

<Voltage output type>

Type	HS-UFB100V4B12	HS-UFB200V4B12	HS-UFB300V4B12
Rated current [If]	$\pm 100A$	$\pm 200A$	$\pm 300A$
Continuously flowing DC current	$\pm 100A$	$\pm 200A$	$\pm 230A$
Saturation current [Is]	$\pm 225A$	$\pm 450A$	$\pm 520A$
Linearity limits	$0 \sim \pm 200A$	$0 \sim \pm 400A$	$0 \sim \pm 470A$
Rated output [Vh]	+If	$V0+4V \pm 1\% (RL=10k\Omega)$	
	-If	$V0-4V \pm 1\% (RL=10k\Omega)$	
Residual output [V0]	Within $\pm 20mV$		
Output linearity	Within $\pm 0.5\%$		
Second coil resistance	Approx. 48Ω		
Response time	Within $1\mu s$ (at $di/dt=100A/\mu s$)		
Response performance	Within 10%		
Hysteresis Voltage range	Within $20mV$		
Output Temp. Coef.	Within $\pm 0.02\%/^{\circ}C$		
Residual output Temp. Coef.	Within $\pm 1mV/^{\circ}C$		
Control power supply	$\pm 12V \pm 5\%$		
Consumption current	$20mA + (\text{Input current}/4000)$		
Operating Temp.	$-10^{\circ}C \sim +80^{\circ}C$		
Storage Temp.	$-15^{\circ}C \sim +85^{\circ}C$		
Dielectric withstand voltage	2500V AC 50/60Hz 1minute		
Insulation resistance	Not less than $500M\Omega$ 500V DC		

*Control power supply specification: $\pm 12V$

<Current output type>

Type		HS-UFB100A0025B12	HS-UFB200A005B12	HS-UFB300A0075B12
Rated current [If]		$\pm 100A$	$\pm 200A$	$\pm 300A$
Continuously flowing DC current		$\pm 100A$	$\pm 200A$	$\pm 230A$
Saturation current [Is]		$\pm 225A$ (RL=80 Ω)	$\pm 450A$ (RL=5 Ω)	$\pm 520A$ (RL=5 Ω)
Linearity limits		0 ~ $\pm 200A$ (RL=5 ~ 80 Ω)	0 ~ $\pm 400A$ (RL=5 ~ 15 Ω)	0 ~ $\pm 470A$ (RL=5 ~ 15 Ω)
Rated output [Ih]	+If	I0+25mA $\pm 1\%$	I0+50mA $\pm 1\%$	I0+75mA $\pm 1\%$
	-If	I0-25mA $\pm 1\%$	I0-50mA $\pm 1\%$	I0-75mA $\pm 1\%$
Residual output [I0]		Within $\pm 0.2mA$		
Output linearity		Within $\pm 0.3\%$		
Second coil resistance		Approx. 53 Ω		
Response time		Within 1 μs (at di/dt=100A/ μs)		
Response performance		Within 10%		
Hysteresis Voltage range		Within 0.2mA		
Output Temp. Coef.		Within $\pm 0.02\%/^{\circ}C$		
Residual output Temp. Coef.		Within $\pm 0.01mA/^{\circ}C$		
Control power supply		$\pm 12V \pm 5\%$		
Consumption current		20mA+(Input current/4000)		
Operating Temp.		$-10^{\circ}C \sim +80^{\circ}C$		
Storage Temp.		$-15^{\circ}C \sim +85^{\circ}C$		
Dielectric withstand voltage		2500V AC 50/60Hz 1minute		
Insulation resistance		Not less than 500M Ω 500V DC		