

HC-VT series

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

Type	HC-VT050V4B12	HC-VT100V4B12	HC-VT150V4B12	HC-VT200V4B12	HC-VT250V4B12	HC-VT300V4B12
Rated current [If]	$\pm 50A$	$\pm 100A$	$\pm 150A$	$\pm 200A$	$\pm 250A$	$\pm 300A$
Saturation current [Is]	$\pm 112.5A$	$\pm 225A$	$\pm 337.5A$	$\pm 450A$	$\pm 562.5A$	$\pm 600A$
Linearity limits [If]	$0 \sim \pm 112.5A$	$0 \sim \pm 225A$	$0 \sim \pm 337.5A$	$0 \sim \pm 400A$	$0 \sim \pm 400A$	$0 \sim \pm 400A$
Rated output [Vh]	+If	$V_0 + 4V \pm 1\% (R_L = 10k\Omega)$				
	-If	$V_0 - 4V \pm 1\% (R_L = 10k\Omega)$				
Residual output [V0]	Within $\pm 70mV$	Within $\pm 50mV$				
Output linearity	Within $\pm 1\%$					
Response time	Within $10\mu s$ (The smaller one on either at $di/dt = 100A/\mu s$ or $I_f/\mu s$.)					
Response performance	Within 10%					
Hysteresis Voltage range	Within 200mV					
Output Temp. Coef.	Within $\pm 0.1\%/^{\circ}C$					
Residual output Temp. Coef.	Within $\pm 4mV/^{\circ}C$	Within $\pm 3mV/^{\circ}C$		Within $\pm 2mV/^{\circ}C$		
Control power supply	$\pm 12V \pm 5\%$					
Consumption current	Within 60mA					
Operating Temp.	$-10^{\circ}C \sim +80^{\circ}C$					
Strage 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					