*Control power supply specification: ±15V

Type										
Saturation current [Is]	Туре	HC-TS050V4B15	HC-TS100V4B15	HC-TS150V4B15	HC-TS200V4B15	HC-TS250V4B15	HC-TS300V4B15	HC-TS350V4B15	HC-TS400V4B15	
Linearity limits $0 \sim \pm 150A$ $0 \sim \pm 300A$ $0 \sim \pm 450A$ $0 \sim \pm 450A$ $0 \sim \pm 700A$ $0 \sim \pm 700A$ $0 \sim \pm 900A$ $0 \sim \pm 900A$ Rated output [Vh] $\pm 4V \pm 1.5\%$ $(RL=10k\Omega)$ Residual output [V0] Within $\pm 50mV$ Within $\pm 30mV$ Output linearity Within 10μ s (The smaller one on either at $di/dt=100A/\mu$ s or If/μ s.) Response time Within 10μ s (The smaller one on either at $di/dt=100A/\mu$ s or If/μ s.) Response performance Within 10% Hysteresis Voltage range Within $30mV$ Output Temp. Coef. Within $\pm 3mV/^{\circ}C$ Within $\pm 1.5mV/^{\circ}C$ Residual output Temp. Coef. Within $\pm 3mV/^{\circ}C$ Within $\pm 1.5mV/^{\circ}C$ Within $\pm 1.5mV/^{\circ}C$ Control power supply $\pm 15V \pm 5\%$ Consumption current Within $30mA$ Operating Temp. $-10 \% C \sim +80\% C$ Strage Temp. $-15\% C \sim +80\% C$	Rated current [If]	±50A	±100A	±150A	±200A	±250A	±300A	±350A	±400A	
Rated output $[Vh]$ $\pm 4V \pm 1.5\%$ $(RL = 10k \Omega)$ $\pm 4V \pm 1\%$ $(RL = 10k \Omega)$ Residual output $[V0]$ Within $\pm 50mV$ Within $\pm 50mV$ Within $\pm 1\%$ Response time Within $10 \mu s$ (The smaller one on either at di/dt= $100A/\mu s$ or $If/\mu s$.) Response performance Within 10% Hysteresis Voltage range Within $30mV$ Output Temp. Coef. Within $\pm 3mV/^2C$ Within $\pm 1.5mV/^2C$ Within $\pm 1.5mV/^2C$ Within $\pm 1.5mV/^2C$ Within $\pm 1.5mV/^2C$ Within $30mA$ Operating Temp. $-10\%C \sim +86\%C$ Strage Temp.	Saturation current [Is]	±150A	±300A ±450A ±600A ±750A ±900A ±1000A ±10							
Residual output [Vn] (RL=10k Ω) Residual output [V0] Within ±50mV Output linearity Within ±1% Response time Within 10 μ s (The smaller one on either at di/dt=100A/ μ s or If/ μ s.) Response performance Within 10% Hysteresis Voltage range Output Temp. Coef. Residual output Temp. Coef. Within ±1.5mV/°C Within ±1.5mV/°C Within ±15V±5% Consumption current Within 30mA Operating Temp. -10°C ~+80°C Strage Temp.	Linearity limits	0~±150A	0~±300A 0~±450A 0~±450A 0~±700A 0~±700A 0~±900A 0~±900							
Output linearity Within $\pm 1\%$ Response time Within 10μ s (The smaller one on either at di/dt= $100 \text{A} / \mu$ s or $1 \text{f} / \mu$ s.) Response performance Within 10% Hysteresis Voltage range Within 30mV Output Temp. Coef. Within $\pm 3 \text{mV} / ^{\circ} \text{C}$ Residual output Temp. Coef. Within $\pm 3 \text{mV} / ^{\circ} \text{C}$ Within $\pm 1.5 \text{mV} / ^{\circ} \text{C}$ Within $\pm 1.5 \text{mV} / ^{\circ} \text{C}$ Within 30mA Operating Temp. $-10 ^{\circ} \text{C} \sim +80 ^{\circ} \text{C}$ Strage Temp. $-15 ^{\circ} \text{C} \sim +85 ^{\circ} \text{C}$	Rated output [Vh]									
Response time Within 10μ s (The smaller one on either at di/dt= $100 \text{A} / \mu$ s or If/ μ s.) Response performance Within 10% Hysteresis Voltage range Within 30mV Output Temp. Coef. Within $\pm 0.1\%$ °C Residual output Temp. Coef. Within $\pm 3\text{mV}$ °C Within $\pm 1.5\text{mV}$ °C Within $\pm 1.5\text{mV}$ °C Control power supply $\pm 15\text{V} \pm 5\%$ Consumption current Within 30mA Operating Temp. -10% C \sim +80 $\%$ C Strage Temp.	Residual output [V0]	Within ±50mV	Within ±50mV Within ±30mV							
Response performance Hysteresis Voltage range Within 30mV Output Temp. Coef. Residual output Temp. Coef. Within ±0.1%/°C Within ±1.5mV/°C Within ±1.5mV/°C Within ±15V±5% Consumption current Within 30mA Operating Temp. -10°C∼+80°C Strage Temp.	Output linearity	Within ±1%								
Hysteresis Voltage range Output Temp. Coef. Residual output Temp. Coef. Within ±0.1%/°C Within ±1.5mV/°C Within ±1.5mV/°C Within ±15V±5% Consumption current Within 30mA Operating Temp. Strage Temp. Within 30mV Within ±0.1%/°C Within ±1.5mV/°C Within ±1.5mV/°C Within ±15V±5% Consumption current -10°C∼+80°C -15°C∼+85°C	Response time	Within 10 μ s (The smaller one on either at di/dt=100A/ μ s or If/ μ s.)								
Output Temp. Coef. Within $\pm 0.1\%$ C Residual output Temp. Coef. Within $\pm 3\text{mV/°C}$ Within $\pm 1.5\text{mV/°C}$ Within $\pm 1.5\text{mV/°C}$ Control power supply $\pm 15\text{V} \pm 5\%$ Consumption current Within 30mA Operating Temp. $-10^{\circ}\text{C} \sim +80^{\circ}\text{C}$ Strage Temp. $-15^{\circ}\text{C} \sim +85^{\circ}\text{C}$	Response performance	Within 10%								
Residual output Temp. Coef. Within $\pm 3\text{mV/°C}$ Within $\pm 1.5\text{mV/°C}$ Within $\pm 1.5\text{mV/°C}$ Control power supply $\pm 15\text{V} \pm 5\%$ Consumption current Within 30mA Operating Temp. $-10^{\circ}\text{C} \sim +80^{\circ}\text{C}$ Strage Temp. $-15^{\circ}\text{C} \sim +85^{\circ}\text{C}$	Hysteresis Voltage range	Within 30mV								
Control power supply ±15V±5% Consumption current Within 30mA Operating Temp10°C∼+80°C Strage Temp15°C∼+85°C	Output Temp. Coef.	Within ±0.1%/°C								
Consumption current Within 30mA Operating Temp. -10°C~+80°C -15°C~+85°C	Residual output Temp. Coef.	Within ± 3 mV/°C Within ± 1.5 mV/°C Within ± 1 mV/°C								
Operating Temp. -10°C ~+80°C Strage Temp. -15°C ~+85°C	Control power supply	±15V±5%								
Strage Temp. −15°C∼+85°C	Consumption current	Within 30mA								
	Operating Temp.	-10°C∼+80°C								
Dielectric withstand voltage 2500V AC 50/60Hz 1minute	Strage Temp.	-15°C~+85°C								
	Dielectric withstand voltage	2500V AC 50/60Hz 1minute								
Insulation resistance Not less than 500M Ω 500V DC	Insulation resistance	Not less than 500MΩ 500V DC								

*Control power supply specification: $\pm 15V$

Туре	HC-TS450V4B15	HC-TS500V4B15	HC-TS550V4B15	HC-TS600V4B15	HC-TS650V4B15	HC-TS700V4B15	HC-TS750V4B15	HC-TS800V4B15	
Rated current [If]	±450A	±500A	±550A	±600A	±650A	±700A	±750A	±800A	
Saturation current [Is]	±1000A ±1000A ±1000A ±1000A ±1000A ±1000A ±1000A								
Linearity limits	0~±900A	0~±900A	0~±900A	0~±900A	0~±900A	0~±900A	0~±900A	0~±900A	
Rated output [Vh]	$\pm 4V \pm 1\%$ (RL=10k Ω)								
Residual output [V0]	Within ±30mV								
Output linearity	Within ±1%								
Response time	Within 10 μ s (The smaller one on either at di/dt=100A/ μ s or If/ μ s.)								
Response performance	Within 10%								
Hysteresis Voltage range	Within 30mV								
Output Temp. Coef.	Within $\pm 0.1\%$ °C								
Residual output Temp. Coef.	Within ±1mV/°C								
Control power supply	±15V±5%								
Consumption current	Within 30mA								
Operating Temp.	-10°C∼+80°C								
Strage Temp.	−15°C~+85°C								
Dielectric withstand voltage	2500V AC 50/60Hz 1minute								
Insulation resistance	Not less than 500M Ω 500V DC								