

## HC-TN series

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

Type	HC-TN050V4B12	HC-TN100V4B12	HC-TN150V4B12	HC-TN200V4B12	HC-TN250V4B12	HC-TN300V4B12	HC-TN350V4B12	HC-TN400V4B12
Rated current [If]	$\pm 50A$	$\pm 100A$	$\pm 150A$	$\pm 200A$	$\pm 250A$	$\pm 300A$	$\pm 350A$	$\pm 400A$
Saturation current [Is]	$\pm 112.5A$	$\pm 225A$	$\pm 337.5A$	$\pm 450A$	$\pm 562.5A$	$\pm 675A$	$\pm 787.5A$	$\pm 900A$
Linearity limits	$0 \sim \pm 112.5A$	$0 \sim \pm 225A$	$0 \sim \pm 337.5A$	$0 \sim \pm 450A$	$0 \sim \pm 562.5A$	$0 \sim \pm 675A$	$0 \sim \pm 787.5A$	$0 \sim \pm 900A$
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 $\pm 30mV$						
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 30mV							
Output Temp. Coef.	Within $\pm 0.1\%/^{\circ}C$							
Residual output Temp. Coef.	Within $\pm 3mV/^{\circ}C$	Within $\pm 1.5mV/^{\circ}C$				Within $\pm 1mV/^{\circ}C$		
Control power supply	$\pm 12V \pm 5%$							
Consumption current	Within 30mA							
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							

## HC-TN series

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

Type	HC-TN450V4B12	HC-TN500V4B12	HC-TN550V4B12	HC-TN600V4B12	HC-TN650V4B12	HC-TN700V4B12	HC-TN750V4B12	HC-TN800V4B12
Rated current [If]	$\pm 450A$	$\pm 500A$	$\pm 550A$	$\pm 600A$	$\pm 650A$	$\pm 700A$	$\pm 750A$	$\pm 800A$
Saturation current [Is]	$\pm 1000A$	$\pm 1000A$	$\pm 1000A$	$\pm 1000A$	$\pm 1000A$	$\pm 1000A$	$\pm 1000A$	$\pm 1000A$
Linearity limits	$0 \sim \pm 900A$	$0 \sim \pm 900A$	$0 \sim \pm 900A$	$0 \sim \pm 900A$	$0 \sim \pm 900A$	$0 \sim \pm 900A$	$0 \sim \pm 900A$	$0 \sim \pm 900A$
Rated output [Vh]	$\pm 4V \pm 1\%$ (RL=10k $\Omega$ )							
Residual output [V0]	Within $\pm 30mV$							
Output linearity	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 $\pm 0.1\%/^{\circ}C$							
Residual output Temp. Coef.	Within $\pm 1mV/^{\circ}C$							
Control power supply	$\pm 12V \pm 5\%$							
Consumption current	Within 30mA							
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							