

HC-TNG series

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

Type	HC-TNG050V4B12	HC-TNG100V4B12	HC-TNG150V4B12	HC-TNG200V4B12	HC-TNG250V4B12	HC-TNG300V4B12	HC-TNG350V4B12	HC-TNG400V4B12
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]	$V_0 \pm 4V \pm 1\% (R_L = 10k\Omega)$							
Residual output [V0]	Within $\pm 50mV$	Within $\pm 30mV$						
Output linearity	Within $\pm 1\%$							
Response time	Within $5 \mu s$ (The smaller one on either at $di/dt=100A/\mu s$ or $I/\mu s$.)							
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 20mA							
Operating Temp.	$-25^{\circ}C \sim +85^{\circ}C$							
Strage Temp.	$-25^{\circ}C \sim +85^{\circ}C$							
Dielectric withstand voltage	4000V AC 50/60Hz 1minute							
Insulation resistance	Not less than $500M\Omega$ 500V DC							

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Type	HC-TNG450V4B12	HC-TNG500V4B12	HC-TNG550V4B12	HC-TNG600V4B12	HC-TNG650V4B12	HC-TNG700V4B12	HC-TNG750V4B12	HC-TNG800V4B12
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]	$V0 \pm 4V \pm 1\% (R_L=10k\Omega)$							
Residual output [V0]	Within $\pm 30mV$							
Output linearity	Within $\pm 1\%$							
Response time	Within $5 \mu s$ (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 $\pm 1mV/^{\circ}C$							
Control power supply	$\pm 12V \pm 5\%$							
Consumption current	Within 20mA							
Operating Temp.	$-25^{\circ}C \sim +85^{\circ}C$							
Strage Temp.	$-25^{\circ}C \sim +85^{\circ}C$							
Dielectric withstand voltage	4000V AC 50/60Hz 1minute							
Insulation resistance	Not less than $500M\Omega$ 500V DC							