

HC-TN series

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

Type	HC-TN050V4B15	HC-TN100V4B15	HC-TN150V4B15	HC-TN200V4B15	HC-TN250V4B15	HC-TN300V4B15	HC-TN350V4B15	HC-TN400V4B15
Rated current [If]	$\pm 50A$	$\pm 100A$	$\pm 150A$	$\pm 200A$	$\pm 250A$	$\pm 300A$	$\pm 350A$	$\pm 400A$
Saturation current [Is]	$\pm 150A$	$\pm 300A$	$\pm 450A$	$\pm 600A$	$\pm 750A$	$\pm 900A$	$\pm 1000A$	$\pm 1000A$
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]	$\pm 4V \pm 1.5\%$ ($RL=10k\Omega$)	$\pm 4V \pm 1\%$ ($RL=10k\Omega$)						
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	$\pm 15V \pm 5\%$							
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							

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Type	HC-TN450V4B15	HC-TN500V4B15	HC-TN550V4B15	HC-TN600V4B15	HC-TN650V4B15	HC-TN700V4B15	HC-TN750V4B15	HC-TN800V4B15
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 Ω)							
Residual output [V0]	Within $\pm 30mV$							
Output linearity	Within $\pm 1\%$							
Response time	Within 10 μs (The smaller one on either at di/dt=100A/ μs or If/ μs .)							
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	$\pm 15V \pm 5\%$							
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 Ω 500V DC							