

# HC-SN series

\*制御電源 ±12V仕様

形名 (Type)	HC-SN050V4B12	HC-SN100V4B12	HC-SN150V4B12	HC-SN200V4B12	HC-SN250V4B12	HC-SN300V4B12	HC-SN350V4B12	HC-SN400V4B12
定格電流 [If] (Rated current)	±50A	±100A	±150A	±200A	±250A	±300A	±350A	±400A
飽和電流 [Is] (Saturation current)	±113A	±225A	±338A	±450A	±563A	±675A	±788A	±900A
直線性範囲 (Linearity limits)	0~±113A	0~±225A	0~±338A	0~±450A	0~±563A	0~±450A	0~±788A	0~±900A
定格出力 [Vh] (Rated output)	±4V±1.5% (RL=10kΩ)	±4V±1% (RL=10kΩ)						
残留出力 [V0] (Residual output)	Within ±50mV	Within ±30mV						
直線性 (Output linearity)	Within ±1%							
応答速度 (Response time)	Within 10 μs (The smaller one on either at di/dt=100A/μs or If/μs.)							
過渡特性 (Response performance)	Within 10%							
ヒステリシス巾 (Hysteresis Voltage range)	Within 30mV							
出力温度特性 (Output Temp. Coef.)	Within ±0.1%/°C							
残留出力温度特性 (Residual output Temp. Coef.)	Within ±3mV/°C	Within ±1.5mV/°C				Within ±1mV/°C		
制御電源 (Control power supply)	±12V±5%							
消費電流 (Consumption current)	Within 30mA							
使用温度範囲 (Operating Temp.)	-10°C~+80°C							
保存温度範囲 (Storage Temp.)	-15°C~+85°C							
耐電圧 (Dielectric withstand voltage)	2500V AC 50/60Hz 1minute							
絶縁抵抗 (Insulation resistance)	Not less than 500MΩ 500V DC							

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形名 (Type)	HC-SN450V4B12	HC-SN500V4B12	HC-SN550V4B12	HC-SN600V4B12	HC-SN650V4B12	HC-SN700V4B12	HC-SN750V4B12	HC-SN800V4B12
定格電流 [If] (Rated current)	±450A	±500A	±550A	±600A	±650A	±700A	±750A	±800A
飽和電流 [Is] (Saturation current)	±1000A	±1000A	±1000A	±1000A	±1000A	±1000A	±1000A	±1000A
直線性範囲 (Linearity limits)	0~±900A	0~±900A	0~±900A	0~±900A	0~±900A	0~±900A	0~±900A	0~±900A
定格出力 [Vh] (Rated output)	±4V±1% (RL=10kΩ)							
残留出力 [V0] (Residual output)	Within ±30mV							
直線性 (Output linearity)	Within ±1%							
応答速度 (Response time)	Within 10 μs (The smaller one on either at di/dt=100A/μs or If/μs.)							
過渡特性 (Response performance)	Within 10%							
ヒステリシス巾 (Hysteresis Voltage range)	Within 30mV							
出力温度特性 (Output Temp. Coef.)	Within ±0.1%/°C							
残留出力温度特性 (Residual output Temp. Coef.)	Within ±1mV/°C							
制御電源 (Control power supply)	±12V±5%							
消費電流 (Consumption current)	Within 30mA							
使用温度範囲 (Operating Temp.)	-10°C~+80°C							
保存温度範囲 (Storage Temp.)	-15°C~+85°C							
耐電圧 (Dielectric withstand voltage)	2500V AC 50/60Hz 1minute							
絶縁抵抗 (Insulation resistance)	Not less than 500MΩ 500V DC							